

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Append**

Žw'è,μ,½fffBfCEfNfgfŠ,łff[]f^ ftf@fCf<,ªCE»[]Ý,łfffBfCEfNfgfŠ,É, ,é,©,ì,æ,ª,É[]Afvf[]fOf%of€ ,©,çŠ], ,é,æ,ª,É,μ,Û,·[]B

Žw'è,μ,½fffBfCEfNfgfŠ,í[]AfAfyf“fh,³,è,½fffBfCEfNfgfŠ,ÆCEÄ,í,è[]Aff[]f^ ftf@fCf<,ðŠ],- ,½,ß,É[]ACE»[]Ý,łfffBfCEfNfgfŠ,É•t%oÁ (fAfyf“fh) ,³,è,Ä,ç,é,©,ì,æ,ª,É^μ,ì,Û,·[]B

**append** [;] [[fhf%ofCfu:]fpx[;...]] [/x: {on | off}][/path: {on | off}] [/e]

**fpx%of[]f^**

;

fAfyf“fh,³,è,½fffBfCEfNfgfŠ,ì^è—,ðŽæ,è[]Á,μ,Û,·[]B

[fhf%ofCfu:]fpx

CE»[]Ý,łfffBfCEfNfgfŠ,ÉfAfyf“fh,·,éfhf%ofCfu (CE»[]Ý,łfhf%ofCfu^ÈŠO,ì[]è[]#)

,ÆfffBfCEfNfgfŠ,ðŽw'è,μ,Û,·[]BŠefGf“fgfŠ,ðfZf~fRf[]f“ ,Á<æ[]Ø,Á,Ä[]A[fhf%ofCfu:]

fpx,łfGf“fgfŠ,ð•;[]Žw'è,Ä,«,Û,·[]B

**/x: {on | off}**

MS-DOS ftfufVfXfef€,ªfvf[]fOf%of€,ìŽÀ[]sŽž,É[]AfAfyf“fh,³,è,½fffBfCEfNfgfŠ,ðCEÝ[]ð,·,é,©,ç,ª

,©,ðŽw'è,μ,Û,·[]B**/x:on** fXfCfbf` ,ðŽg,ª,Æ[]AfAfyf“fh,³,è,½fffBfCEfNfgfŠ,ðCEÝ[]ð,μ,Û,·[]B**/x:off**

fXfCfbf` ,ðŽg,ª,Æ[]AfAfyf“fh,³,è,½fffBfCEfNfgfŠ,ðCEÝ[]ð,μ,Û,¹,ñ[]B**/x:on** ,ì[]è—ªCE` ,Æ,μ,Ä /x ,ðŽg,ª,±

,Æ,ª,Ä,«,Û,·[]B**/x:on** ,ðŽw'è,μ,½,ç[]è[]#,í[]AfVfXfef€,ð<N“ @,μ,½CEä,Ä[]Ä[]%,É **append** ,ðŽg,ª

,Æ,«,ÉŽw'è,μ,Ä,,¾,¾,ç[]B,» ,ìCEä,í[]A/x:on ,Æ /x:off ,ìŠÖ,Ä[]Ø,è'Ö,ì,é,±,Æ,ª,Ä,«,Û,·[]B

**/path: {on | off}**

CEÝ[]ð,ì'í[]Û,Æ,È,éftf@fCf<,ì-¼'0,ªŠù,Éfpx,ÉŠÛ,Û,è,Ä,ç,é[]è[]#,É[]Afvf[]fOf%of€

,ªfAfyf“fh,³,è,½fffBfCEfNfgfŠ,Äff[]f^ ftf@fCf<,ðCEÝ[]ð,·,é,©,ç,ª,©,ðŽw'è,μ,Û,·[]BŠù'è'ì,í **/path:on**

,Ä,·[]B

**/e**

fAfyf“fh,³,è,½fffBfCEfNfgfŠ,ì^è—,ðŠÄ<«'ì[]” **append** ,ÉŠ,,è“- ,Ä,Û,·[]B,±

,łfXfCfbf` ,ðŽg,ª[]è[]#[]AfVfXfef€,ð<N“ @,μ,Ä[]Ä[]%,ÉŽÀ[]s,·,é **append** fRf}f“fh,ÄŽw'è,μ,Ä,,¾,¾,ç[]B/e

,ðŽg,ª,Æ[]Aset fRf}f“fh,ðŽg,Ä,Ä[]AfAfyf“fh,³,è,½fffBfCEfNfgfŠ,ì^è—,ð\

Ž,Ä,«,Û,·[]BŠÄ<«'ì[]” ,ì[]Ú[]x,É,Ä,ç,Ä,í[]Aset fRf}f“fh,ðŽQ[]Æ,μ,Ä,,¾,¾,ç[]B

ŠÖ~A[]€-Ú

**Path**

Append ,ÉŠÖ,·,é[]Ú[]x[]î•ñ

**Append--'**

**Append---á**

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Append--'□**

**fAfyf"fh,³,è,½fffBfCEfNfgfŠ,ì^è—,đŠĀ««•ĚŠi"l,·,é**

**append** ,Æ<α,É /e fXfCfbf` ,đŽg,α,Æ□AfAfyf"fh,³,è,½fffBfCEfNfgfŠ,ì^è—,đŠĀ««•ĚŠi"l" **append** ,ÉŠ,,è"-  
 ,Ā,é,±,Æ,ª,Ā,«,Ü,·□B,» ,ì,½,β,É,Ī□A□Ā□%o,É /e fXfCfbf` ,¾, ,đŽw'è,μ,Ā **append**  
 fRf}f"fh,đŽg,í,Ě, ,é,Ī,Ě,è,Ü,¹,ñ□BŽŸ,É□AfAfyf"fh,μ,½,čfffBfCEfNfgfŠ,đŽw'è,μ,Ā□A,à,α^è"x **append**  
 ,đŽg,č,Ü,·□B" ,ĪfRf}f"fh f%ofCf" ,Ā /e ,Æ [fhf%ofCfu:lfpfX ,đŽw'è, ,é,±,Æ,Ī,Ā,«,Ü,¹,ñ□B

**•i□" ,lfffBfCEfNfgfŠ,lfAfyf"fh,đŽw'è,·,é**

•i□" ,lfffBfCEfNfgfŠ,đfAfyf"fh,·,é,É,Ī□A•i□" ,lfGf"fgfŠ,đfZf~fRf□f" ,Ā<æ□ø,è,Ü,·□B[fhf%ofCfu:lfpfX fpf  
 %of□□f^ ,đŽw'è,μ,Ā **append** fRf}f"fh,đ,à,α^è"xŽg,α,Æ□A^Ě'O,Ī **append**  
 fRf}f"fh,ĀŽw'è,μ,½fffBfCEfNfgfŠ,ª□A,±,Ī,Æ,«,ĚŽw'è,μ,½fffBfCEfNfgfŠ,É,æ,è'uŠ,·,³,è,Ü,·□B

**fAfyf"fh,³,è,½fffBfCEfNfgfŠ,Æ dir fRf}f"fh**

**dir** fRf}f"fh,đŽĀ□s,μ,Ā,à□AfAfyf"fh,³,è,½fffBfCEfNfgfŠ,©,ç **dir** fRf}f"fh,Ā□Ī□~ ,³,è,½fffBfCEfNfgfŠ^è—  
 ,Éftf@fCf<-¼,ª'Ç%oĀ,³,è,é,±,Æ,Ī, ,è,Ü,¹,ñ□B

**ftf@fCf<-¼,Ī<£□‡**

fAfyf"fh,³,è,½fffBfCEfNfgfŠ,Īftf@fCf<,É□ACE»□Ÿ,lfffBfCEfNfgfŠ,Īftf@fCf<,Æ" ,Ī-¼'O,ª•t,č,Ā,č  
 ,é□é□‡,Ī□Afvf□Of%of€ ,É,æ,èCE»□Ÿ,lfffBfCEfNfgfŠ,Īftf@fCf<,ªŠ,©,è,Ü,·□B

**□V,μ,čftf@fCf<,đ□i□~ ,·,éfvf□fOf%of€ ,Æ<α,É append ,đŽg,α**

fAfyf"fh,³,è,½fffBfCEfNfgfŠ,Īftf@fCf<,ªŠ,©,è,é,Æ□A,» ,Īftf@fCf<,ĪCE»□Ÿ,lfffBfCEfNfgfŠ,É, ,é,à,Ī,ÆCE© ,Ě,·,  
 ±,Æ,ª,Ā,«,Ü,·□B" ,Ī-¼'O,Ī□V,μ,čftf@fCf<,ª□i□~ ,³,è□A,» ,Īftf@fCf<,ª•Ü'Ī,³,è,é□é□‡,É□A□V,μ,čftf@fCf<,Ī  
 (fAfyf"fh,³,è,½fffBfCEfNfgfŠ,Ā,Ī,Ě,.) □V,μ,čfffBfCEfNfgfŠ,É□i□~ ,³,è,Ü,·□B**append**  
 fRf}f"fh,Ī□A□C□³,³,è,Ě,čff□f^ ftf@fCf<□A,Ü,½,Īftf@fCf<,ĪfRfs□[ ,đ□V,μ,□i□~ ,¹, ,É□C□³,³,è,éff□f^  
 ftf@fCf<,É"K,μ,Ā,č,Ü,·□B'½,,Ī□é□‡□Aff□f^fx□fX fvf□Of%of€ ,Ā,Ī□A□V,μ,čfRfs□[ ,đ□i□~ ,¹, ,Éff□f^  
 ftf@fCf<,ª□C□³,³,è,Ü,·□B,½,¾,μ□AfefLfxfg fGfffBf^ ,Æf□□f^h  
 fvf□fZfbfT,Ī□é□‡,Ī□A^è"Ě,É□V,μ,čfRfs□[ ,ª□i□~ ,³,è,Ā□A□C□³CEă,Īff□f^ ftf@fCf<,ª•Ü'Ī,³,è,Ü,·□B□~  
 □,đ"đ, ,é,½,β,É□A,±,é,ç,Īfvf□Of%of€ ,Ā,Ī **append** ,đŽg,í,Ě,č,æ,α,É,Ā,«,Ü,·□B

**/x:on fXfCfbf` ,Æ path fRf}f"fh,đŽg,α**

**/x:on** ,đŽw'è,·,é,Æ□AfRf}f"fh fvf□f"fvfg,©,čfvf□Of%of€-¼,đ"ü—  
 Ī,μ,Ā□AfAfyf"fh,³,è,½fffBfCEfNfgfŠ,Īfvf□Of%of€ ,đŽĀ□s,Ā,«,Ü,·□B^è"Ě,É□Afvf□Of%of€,ª"ü,Ā,Ā,č  
 ,éfffBfCEfNfgfŠ,đŽw'è,·,é,É,Ī□A**path** fRf}f"fh,đŽg,č,Ü,·□B,½,¾,μ□Afvf□Of%of€  
 ,ªfAfyf"fh,³,è,½fffBfCEfNfgfŠ,É"ü,Ā,Ā,č,é□é□‡,Ī□A**path** fRf}f"fh,đŽg,í,Ě,-  
 ,Ā,à□A,» ,lfffBfCEfNfgfŠ,đŽw'è,Ā,«,Ü,·□BWindows NT ,É,æ,è□Afvf□Of%of€,Ī'Ě□í,ĪCEŸ□đ□‡~ ,É□  
 ,Ā,Ā□AfAfyf"fh,³,è,½fffBfCEfNfgfŠ,Āfvf□Of%of€,ªCEŸ□đ,³,è,Ü,·□B,Ā,Ü,è□A□Ā□%o  
 ,ÉCE»□Ÿ,lfffBfCEfNfgfŠ□AŽŸ,ÉfAfyf"fh,³,è,½fffBfCEfNfgfŠ□A□ĀCEă,ÉCEŸ□đpfX,ĀCEŸ□đ,³,è,Ü,·□B

Append ,ÉŠÖ,·,é□Ú□×□î•ñ

- Append---á
- Append

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Append---**

fvf[]fOf%of€ ,É,æ,è[]Afhf%ofCfu B ,lfffBfXfN,lfffBfCefNfgfŠ LETTERS ,lff[]f^ ftj@fCf<[]A, ,æ,Ñfhf%ofCfu A ,lfffBfXfN,lfffBfCefNfgfŠ REPORTS ,lff[]f^ ftj@fCf<,ð[]ACE»[]Ý,lfffBfCefNfgfŠ,É"ü,Á,Ä,ç,é[]ê[]†,Æ" — l,ÉŠj, ,é,æ,x,É, ,é,É,í[]AZÿ,lfRf}f"fh,ð"ü—í,µ,Ü,·[]B

append b:\letters;a:\reports

" ,lfffBfCefNfgfŠ,ðfAfyf"fh,µ,Ä[]AfAfyf"fh,³,è,½fffBfCefNfgfŠ,ì^è—,lfRfs[][,ð Windows NT ŠÂ«« ,É•ÜŠç, ,é,É,í[]AZÿ,lfRf}f"fh,ð"ü—í,µ,Ü,·[]B

append /e

append b:\letters;a:\reports

,±,ì 2 ,Â,ì **append** fRf}f"fh,í[]AfVfXfef€,ð×N" @ ,µ,½CEã,Å[]Å[]%o,ÉŽg,í,È, ,é,î,È,è,Ü,¹,ñ[]B

'[]

**append** fRf}f"fh,ð"ü—í, ,é,Æ,« ,É,í[]Aftf@fCf<Šg'£Žq .EXE ,ðŽg,í,È,ç,Å,,¾,³,ç[]B

Append ,ÉŠÖ, ,é[]Ú[]×[]î•ñ

Append--'[]

Append

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Assoc**

ftf@fCf<Šg'£Žq,ìŠÖ~A•t,¯,đ•\Ž!,Û,½,í•İ□X,μ,Û,·□B

**assoc** [.ext=[ftf@fCf<f^fCfv]]

**fpf%of□□lf^**

.ext

ftf@fCf< f^fCfv,ÉŠÖ~A•t,¯,éŠg'£Žq,đŽw'è,μ,Û,·□B

ftf@fCf<f^fCfv

ftf@fCf<Šg'£Žq,ÉŠÖ~A•t,¯,éftf@fCf< f^fCfv,đŽw'è,μ,Û,·□B

flfvfVf#",È,μ,Å **assoc** ,Æ"ü—í,·,é,Æ□ACE»□Ý,ìftf@fCf<,ìŠÖ~A•t,¯,ª•\Ž!,³,è,Û,·□B

**assoc** .ext ,Æ"ü—í,·,é,Æ□Aftf@fCf<,ìŠg'£Žq,ìCE»□Ý,ìŠÖ~A•t,¯,ª•\Ž!,³,è,Û,·□B

**assoc** .ext= ,Æ"ü—í,·,é,Æ□Aftf@fCf<Šg'£Žq,ìŠÖ~A•t,¯,ª□í□œ,³,è,Û,·□B

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**At**

**at** fRf}f"fh,íAžw'è,μ,½"úžž,ÉfRf}f"fh,Æfvf[]Of%œ,æfRf"fsf...[]f^,ĂŽÀs,³,è,é,æ,κ,ÉfXfPfwf...  
 []f<,μ,Û,·[]Bat fRf}f"fh,ðžg,κ,É,íASchedule fT[]fRfX,ðžÀs't,Ă,È,·,è,ì,È,è,Û,¹,ñ[]B

**at** [\fRf"fsf...[]f^-¼] [id] [/delete [/yes]]

**at** [\fRf"fsf...[]f^-¼] Žž[] [/interactive] [/every:"ú•t[,...]] | /next:"ú•t[,...]] "fRf}f"fh"

**fpf%of[]f^**

,É,μ

fpf%of[]f^,ðžw'è,¹,,É **at** ,ðžg,κ,Æ[]fXfPfwf...[]f<,³,è,Ă,ç,é,éRf}f"fh,ð^è—•Žì,μ,Û,·[]B  
 \fRf"fsf...[]f^-¼

fšf,[]fg fRf"fsf...[]f^,ðžw'è,μ,Û,·[]B,±,ìfpf%of[]f^,ðÈ—ª,·,é,Æ[]Af[]fj< fRf"fsf...  
 []f^,ĂfRf}f"fh,ðfXfPfwf...[]f<,μ,Û,·[]B

id

fXfPfwf...[]f<,³,è,½fRf}f"fh,Éš,,è"—,Ă,ç,è,½ž·È"Ô[]t,Ă,·[]B

**/delete**

fXfPfwf...[]f<,³,è,½fRf}f"fh,ðžæ,è[]Á,μ,Û,·[]Bid ,ðÈ—ª,·,é,Æ[]AfRf"fsf...[]f^[]ă,ĂfXfPfwf...[]f<,³,è,Ă,ç,  
 ,éRf}f"fh,ð,·,×,Ăžæ,è[]Á,μ,Û,·[]B

**/yes**

fXfPfwf...[]f<,³,è,½fCxf"fg,ð[]œ,·,é,Æ,«,É[]AfVxfef€,©,ç,ì,·,×,Ă,ì-â,ç[]‡,í,¹,É [yes] ,Æ%ž"š,³,¹,Û,·[]B  
 Žž[]

fRf}f"fh,ăžÀs,³,è,éžž[][],ðžw'è,μ,Û,·[]B24 ŽžŠÔ[]§ (00:00 [ĈĖ'Ō 0 Žž] ,©,ç 23:59) ,Ă hh:mm  
 ,Æ,μ,Ăžž[][],ð•\,μ,Û,·[]B

**/interactive**

fWf#fu,ìžÀs't[]AfWf#fu,ìf[]OfIf" ,μ,Ă,ç,éft[]fU[][,ìffXfnfgfbfv,Æ,ì'~b,ð<-%oĀ,μ,Û,·[]B

**/every:"ú•t[,...]**

žw'è,μ,½-j"ú,Û,¹,í"ú•t (,½,Æ,ì,ì[]A-^T%oî-j"ú[]A,Û,½,ì-^ĈŽ 3 "ú)  
 ,²,Æ,ÉfRf}f"fh,ðžÀs,μ,Û,·[]B"ú•t,í[]A1 ,Ă^È[]ă,ì-j"ú (M[]AT[]AW[]ATH[]AF[]AS[]ASu)[]A, ,é,ç,í 1  
 ,Ă^È[]ă,ì"ú•t (1 ,©,ç 31 ,ì[]"l,ðžg,ç,Û,·) ,Æ,μ,Ăžw'è,μ,Û,·[]B•i[]",ì"ú•tfGf"fgfš,ìfj"f}  
 ,Ă<æ[]Ø,è,Û,·[]B"ú•t,ðÈ—ª,·,é,Æ[]A,» ,ìĈŽ,ì[]i"ú,ì"ú•t,ð'z'è,μ,Û,·[]B

**/next:"ú•t[,...]**

žw'è,μ,½fRf}f"fh,ðAžŸ,ì"ú•t (,½,Æ,ì,ì[]AžŸ,ì%oî-j"ú) ,ĂžÀs,μ,Û,·[]B"ú•t,í[]A1 ,Ă^È[]ă,ì-j"ú  
 (M[]AT[]AW[]ATH[]AF[]AS[]ASu)[]A, ,é,ç,í 1 ,Ă^È[]ă,ì"ú•t (1 ,©,ç 31 ,ì[]"l,ðžg,ç,Û,·)  
 ,Æ,μ,Ăžw'è,μ,Û,·[]B•i[]",ì"ú•tfGf"fgfš,ìfj"f},Ă<æ[]Ø,è,Û,·[]B"ú•t,ðÈ—  
 ª,·,é,Æ[]A,» ,ìĈŽ,ì[]i"ú,ì"ú•t,ð'z'è,μ,Û,·[]B

"fRf}f"fh"

žÀs,·,é Windows NT fRf}f"fh[]Afvf[]Of%œ€ (.EXE ,Û,½,í .COM)[]A, ,é,ç,ìfobf` ftf@fCf< (.BAT  
 ,Û,½,í .CMD ftf@fCf<) ,Ă,·[]BfRf}f"fh,É^ø[]",Æ,μ,ĂpfX,ðžw'è,·,é•K—v,ª, ,è,ì[]A[]à'ìfpfX[]A,Ă,Û,è[]Afhf  
 %ofCfu-¼,Ăžn,Û,éfpfX-¼'S'ì,ðžg,ç,Û,·[]BfRf}f"fh,æfšf,[]fg fRf"fsf...[]f^[]ă,É, ,é[]è[]‡,ì[]Afšf,[]fg fhf  
 %ofCfu-¼,Ă,ì,È,[]AfT[]fo[][,Æ<κ—L-¼,ðžw'è,μ,Û,·[]BfRf}f"fh f%ofCf" ,Ăžg,κ,©[]Afobf` ftf@fCf<,Ăžg,κ,  
 ©,ÉšÖĈEW,È,[]AžÀs,·,éRf}f"fh,ì'ŌĈă,ð"ñ[]d^ø—p•,, ,Ă^ì,Û,È,·,è,ì,È,è,Û,¹,ñ[]BfRf}f"fh,Æ **at** ,ì—  
 ¼•ú,Éžg,í,è,éXfCfbf` ,ðfRf}f"fh,Éžw'è,·,é[]è[]‡,ì[]AfRf}f"fh,ð"ñ[]d^ø—p•,, ,Ă^ì,ñ,Ă,-

,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□BfRf}f“fh,ěŽÀ□s%oÂ”\ (.EXE) ftj@fCf<,Å,È,ç□ê□#,í□A,»,ìfRf}f“fh,ì’O,É **cmd /c**  
,đ•t,-,È,-,ê,Î,È,è,Ü,<sup>1</sup>,ň (,½,Æ,!,î□A**cmd /c dir > c:\test.out**)□B

At ,ÉŠÖ,-,é□Ú□×□î•ň

■ At--'□

■ At--—á

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**At--'**

**at** fRf}f"fh,đŽg,α,É,íA fA f}f}f< Administrators fOf< fV,íf f"fo [ ,Á,È, ,é,Í,È,è,Ü, ,ñB,Ü,½Aat fRf}f"fh,íA fRf}f"fh,ìŽÀ s'O,É fRf}f"fh fCf" f^fVfSf^ **cmd** ,đŽ© "® "I,É,Í"Ç,Ý ç,Ý,Ü, ,ñBŽÀ s%o"Á" \ (.EXE) ftf@fCf<,Á,È,ç,à,ì,đŽÀ s, ,é ê ç,É,íA fRf}f"fh,ìŽÀ sŽž,É CMD.EXE ,đ-¾Ž" "I,É"Ç,Ý ç,Ü,È, ,é,Í,È,è,Ü, ,ñ ( ,½,Æ,í,íA **cmd /c dir > c:\test.out**) B

**fXfPfwf... [f<,³,è,Ä,ç,é fRf}f"fh,đ•\Ž, ,é**

**at** fRf}f"fh,É,Í 2 ,Á,ì•\Ž, ,è,Ü, ,B fVfVf f" ,đ•t, , ,É **at** ,đŽg,α,ÆAZŽ,ì,æ,α,É•\Ž, ,é,Ü, ,B fXfe [f^fX ID "ú•t Žž fRf}f"fh f%ofCf"

- 0 Each F 04:30PM net send group leads status due
- 2 Each M 12:00AM chkstor > check.fil
- 3 Each F 11:59PM backup2.bat

fRf}f"fh,ìŽ•É"Ó t,đŽw'è, ,é,ÆAZŽ,ì,æ,α,É'P' é fGf"fgfŠ,ÉŠÖ, ,é i•ñ, ,é\Ž, ,é,Ü, ,B

f^fXfN ID: 0  
 fXfe [f^fX: OK  
 fXfPfwf... [f<: Each F  
 Žž: 04:30PM  
 fRf}f"fh: net send group leads status due

**at** ,đŽg,Á,Ä fRf}f"fh ("Á,É fVfVf f"•í" , ,é•t,ç,Ä,ç,é fRf}f"fh) ,đfXfPfwf... [f<, ,é,± ,Æ, ,é,í,Á,½,çA fVfVf f" ,đ•t, , ,É **at** ,Æ"ü—í,μ,ÄA fRf}f"fh,đ³,μ, "ü—í,μ,½,© ,Ç,α ,© ,đŠm" F,μ,Ü, ,B" fRf}f"fh f%ofCf" — ,ì i•ñ, ,éŠm,Á,È, ,é,ÍA, » ,ífRf}f"fh,đí ç,μ,ÄA,Ñ"ü—í,μ,Ü, ,B, » ,é,Á,àŠô^á,Á,Ä,ç,é ê ç,íA fVfVf f"•í" ,ì" ,đCE , ,ç,μ,Ä fRf}f"fh,đ"ü—í,μ,È, ,μ,Ü, ,B

**CE%oÉ,đ•\Ž, ,é**

**at** fRf}f"fh,Ä fXfPfwf... [f<,³,è,½fRf}f"fh,íf ofbfNfOf%ofEf"fh fVf fZfX,Æ,μ,ÄŽÀ s,³,è,é,ì,ÁA fRf"fsf... [f^ ,ì%oæ-É,É ç—íCE%oÉ,í•\Ž, ,é,Ü, ,ñB ç—í,đftf@fCf<,ÉfŠf\_fCfCEfNfg, ,é,É,íA fŠf\_fCfCEfNfg•\Žš (>) ,đŽg,ç,Ü, ,B ç—í,đftf@fCf<,ÉfŠf\_fCfCEfNfg, ,é ê ç,íA fXfPfwf... [f<, ,é fRf}f"fh,ì-¾'O,đ"ñ ç^ð—p• , (") ,Á'í,Ý,Ü, ,BŽÀ s't,ífRf}f"fh,ìCE»Ý,íf fBfCEfNfgfŠ,íA%**systemroot**% fffBfCEfNfgfŠ,Á, ,B

**fVfXfef€Žž,đ•íX, ,é**

**at** ,đŽg,Á,Ä fRf}f"fh, ,éŽÀ s,³,è,é,æ,α,É fXfPfwf... [f<,μ,½CEä,ÉA fRf"fsf... [f^ ,ífVfXfef€Žž,đ•íX, ,é ê ç,íA fVfVf f" ,đ•t, , ,É **at** ,Æ"ü—í,μ,ÄAat fXfPfwf... [f%o,đ %oü'ùCEä,ìŽž,Æ"Šú,³,1,Ü, ,B

**fRf}f"fh,đŠi" [ ,é**

fXfPfwf... [f<,³,è,½fRf}f"fh,ífCEfWfXfgfŠ,ÉŠi" [ ,é,é,ì,ÁA Schedule fT [fRfX,đÄ,ÑŠ)Žn,μ,È, ,é,Í,È,ç,È,ç ê ç,É,àA fXfPfwf... [f<,³,è,½f^fXfN,ìŽ ,í,è,Ü, ,ñB

**flfbfgf [fN fhf%ofCfu,ÉÚ'±, ,é**

flfbfgf [fN,É fAfNfZfX, ,é fXfPfwf... [f<,³,è,½fWf f u,Á,íA f t [fU [ , ,é,í,μ,ÄfŠf\_fCfCEfNfg,μ,½fhf %ofCfu,đŽg—p, ,x,« ,Á,í , ,é,Ü, ,ñB Schedule fT [fRfX,íA, » ,é,ç,íf hf%ofCfu,É fAfNfZfX,Á,« ,È,ç%o"Á" \ [« , ,é,èA,Ü,½fXfPfwf... [f<,³,è,½fWf f u,ìŽÀ sŽž,É•É,íf t [fU [ , ,é fOfif" ,μ,Á,ç,é,ÆA, » ,é,ç,íf hf%ofCfu, » —~—p,Á,« ,È,ç%o"Á" [« , ,é,è,Ü, ,B'ä,í,è,ÉA fXfPfwf... [f<,³,è,½fWf f u,Á,íA UNC f p fX,đŽg—p,μ,Ä, -¾,³,çBŽŽ,É—á,đŽ,ì,μ,Ü, ,B

at 1:00pm my\_backup \\server\share

ŽŸ, ð, æ, ɹ, É, í, Ž, w', è, μ, È, ç, Å, , ¾, ¾, ç, B

at 1:00pm my\_backup x:

x: , í, f, t, [, f, U, [, , , μ, ½, Ú, ' ±, fhf%ofCfu (fŠf\_fCfCEfNfg, ¾, è, ½, fhf%ofCfu)

fhf%ofCfu-¼, ð, Ž, g, Á, Å, < ɹ — L, f, f, B, f, C, E, f, N, f, g, f, Š, É, Ú, ' ±, , , , é **at** fRf}f"fh, ð, f, X, f, P, f, W, f, ... [f<, , , , é, ê, ð, †, í, A, **at**  
fRf}f"fh, ð, Š, Ü, B, Ä, A, Ž, g — p, μ, ½, C, E, ä, É, fhf%ofCfu, ð, Ø, 'f, μ, Ä, , ¾, ¾, ç, B, fhf%ofCfu, , Ø, 'f, ¾, è, È, , , é, î, A, » , ð, fhf  
%ofCfu-¼, ð, f, R, f, }f"fh f, v, f, [f" f, v, f, g, ©, ç — ~ — p, Ü, ½, í, \, Ž, !, Å, «, Ü, ¹, ñ, B

At , É, Š, Ö, , , , é, Ú, Ú, ×, ð, î, •, ñ

At

At---



A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**At---**

```
ft [fo [ MARKETING ,ÅxfPfwf... [f<,³,ê,½rf}f“fh,ìê—,ð•Ž|,·,é,É,íAŽÿ,ì,æ,æ,É“ü—í,μ,Ü,·B
at \marketing
```

```
ft [fo [ CORP ,ÅŽ·Ê”Ô† 3 ,ìrf}f“fh,ÉŠÖ,·,éÚ×î•ñ,ð•Ž|,·,é,É,íAŽÿ,ì,æ,æ,É“ü—í,μ,Ü,·B
at \corp 3
```

```
net share frf}f“fh,ª CORP ft [fo [ ,ÅÆ’O 8:00 ,ÉŽÀs,³,ê,é,æ,æ,ÉfXfPfwf... [f<,μ,ÄAê—
,ðft [fo [ MAINTENANCEA<α—LffBfCfNfgfŠ REPORTS[A,“,æ,Ñftf@fCf< CORP.TXT
,ÉfŠf_fCfCfNfg,·,é,É,íAŽÿ,ì,æ,æ,É“ü—í,μ,Ü,·B
```

```
at \corp 08:00 "cmd /c net share reports=d:\marketing\reports >> \maintenance\reports\corp.txt"
```

```
MARKETING ft [fo [ ,ìfn [fh fffBfXfN,ð 5 “ú-Ú,²,Æ,ì [-é 12:00 ,Éfe [fv fhf
%ofCfu,ÉfofbfNfAfbfv,·,é,É,íAfofbfNfAfbfv frf}f“fh,ª“ü,Ä,ç,éfofbf`ftf@fCf< (ARCHIVE.CMD)
,ð [ - ,μ,Ü,·B,» ,ìÆä,ÅAŽÿ,ì,æ,æ,É“ü—í,μ,ÄAfofbf`ftf@fCf<,ªŽÀs,³,ê,é,æ,æ,ÉfXfPfwf... [f<,μ,Ü,·B
```

```
at \marketing 00:00 /every:5,10,15,20,25,30 archive
```

```
Æ»Ý,ìft [fo [ ,ÅxfPfwf... [f<,³,ê,Ä,ç,érf}f“fh,ð,·,x,Äžæ,èÁ,·,É,íAŽÿ,ì,æ,æ,É“ü—í,μ,Ä at fXfPfwf...
 [f<î•ñ,ðÁŽ,μ,Ü,·B
```

```
at /delete
```

```
At ,ÉŠÖ,·,éÚ×î•ñ
```

At--'

At

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Attrib**

ftf@fCf' @<< ,đ•Ž!A,Ü,½,í•ĪX,μ,Û,·B

,±,ìfRf}f“fh,đŽÀs,·,é,ÆAftf@fCf<,Û,½,ífffBfĀfNfgfŠ,ÉŠ,,,è“-,Ä,ç,ê,Ä,ç

,é' ,<ž,Ý<ÖŽ~' @<<AfofbfNfAfbfv' @<<AfvXfef€' @<<A, ,æ,Ñ%B,μ' @<< ,đ•Ž!AŸ'èA,Ü,½,í %ođœ,Ä,«,Û,·B

**attrib [+r|-r] [+a|-a] [+s|-s] [+h|-h] [[fhf%ofCfu:][fpx]ftf@fCf<-¼] [/s]**

**fpf%of [f^**

[[fhf%ofCfu:][fpx]ftf@fCf<-¼]

^—,·,éfffBfĀfNfgfŠAftf@fCf<,ìêŠ,Æ-¼'O,đŽw'è,μ,Û,·B

**+r**

' ,<ž,Ý<ÖŽ~ftf@fCf' @<< ,đŸ'è,μ,Û,·B

**-r**

' ,<ž,Ý<ÖŽ~ftf@fCf' @<< ,đ%ođœ,μ,Û,·B

**+a**

fobfNfAfbfv ftf@fCf' @<< ,đŸ'è,μ,Û,·B

**-a**

fobfNfAfbfv ftf@fCf' @<< ,đ%ođœ,μ,Û,·B

**+s**

fVXfef€ ftf@fCf' @<< ,đŸ'è,μ,Û,·B

**-s**

fVXfef€ ftf@fCf' @<< ,đ%ođœ,μ,Û,·B

**+h**

%B,μftf@fCf' @<< ,đŸ'è,μ,Û,·B

**-h**

%B,μftf@fCf' @<< ,đ%ođœ,μ,Û,·B

**/s**

Ā»Ÿ,ífffBfĀfNfgfŠ,Æ,»,ì,·,×,Ä,ìftfuuffBfĀfNfgfŠ,ìftf@fCf<,đ^—,μ,Û,·B

ŠÖ~A€-Ú

Copy

Xcopy

Attrib ,ÉŠÖ,·,éŸŸ×Ÿi•ñ

Attrib--'Ÿ

Attrib---á

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Attrib--'**

**ftf@fCf<,lfOf<[fv**

ftf@fCf<-¼,Æ<α,Éf[]fCf<fhj[]fh (? ,",æ,Ñ \*) ,đŽg,α,Æ[]Aftf@fCf<,lfOf<[fv,ì'@[]«,đ•\  
 Ž|,Ü,½,í•ï[]X,Â,«,Ü,·[]Bftf@fCf<,ÉfVfXfef€'@[]«,Ü,½,í%°B,μ'@[]«,ª[]Ý'è,³,ê,Ä,ç  
 ,é[]ê[]‡,í[]A,»},lftf@fCf<,ìŽ[],Â,ù,©,ì'@[]«,đ•ï[]X,·,é'O,É[]A,»,ì'@[]«,đ%°đ[]œ,μ,Ä,,¾,³,ç[]B

**fofbfNfAfbfv'@[]«**

fofbfNfAfbfv'@[]« (+a) ,í[]A^È'O,ÉfofbfNfAfbfv,³,ê,½[]Eä,É•ï[]X,³,ê,½,±  
 ,Æ,đŽ|,^ó,đftf@fCf<,É•t,¯,é,½,B,ÉŽg,ç,Ü,·[]B,±,ê,ç,lfofbfNfAfbfv'@[]«,í[]Abackup[]Arestore[]A,"æ,Ñ  
**xcopy** fRf}f"fh,ÂŽg,ç,Ü,·[]BfofbfNfAfbfv'@[]«,ì[]Ú[]×,É,Â,ç,Ä,í[]Abackup[]Arestore[]A,"æ,Ñ **xcopy**  
 fRf}f"fh,đŽQ[]Æ,μ,Ä,,¾,³,ç[]B

Attrib ,ÉŠÖ,·,é[]Ú[]×[]î•ñ

Attrib---á

Attrib

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Attrib---**

```
fhf%ofCfu ,lftf@fCf< NEWS86 ,i'@<<,d\Z|, ,e,E,lAZÿ,lRf}f"fh,d"ü—í,µ,Ü,·B
attrib news86
```

```
ftf@fCf< REPORT.TXT ,É' ,<<ž,Ý<ÖŽ~'@<<,dY'è, ,e,E,lAZÿ,lRf}f"fh,d"ü—í,µ,Ü,·B
attrib +r report.txt
```

```
fhf%ofCfu B ,lffBfXfN,lffBfCfNfgfŠ \PUBLIC\JONES ,lftf@fCf<A, ,æ,Ñ \PUBLIC\JONES
,l" C^Ó,lftfu fffBfCfNfgfŠ,lftf@fCf<,©,çA' ,<<ž,Ý<ÖŽ~'@<<,d%δœ, ,e,E,lAZÿ,lRf}f"fh,d"ü—
í,µ,Ü,·B
```

```
attrib -r b:\public\jones\*.*/s
```

```
fhf%ofCfu A ,É, ,effBfXfN,lffBfCfNfgfŠ ,i .BAK Šg'£Žq,ª•t,ç
,½ftf@fCf<^ÉŠO,ì, ,x,Ä,lftf@fCf<,É^éŠ±,µ,Äi<Æ, ,éé±,δ%¼'è,µ,Ü,·Bxcopy ,dŽg,κ
,ÆAfofbfNfAfbfv'@<<,i^ó,ª•t,ç,Ä,ç
,éftf@fCf<,¾, ,δRfs[ ,Ä, <<,é,ì,ÄAfrfs[ ,µ,½,çftf@fCf<,lfofbfNfAfbfv'@<<,dY'è, ,e•K—v,ª, ,è,Ü,·B,»,ì,
½,B,É,lAZÿ,ì 2 ,Ä,lRf}f"fh,dŽg,Á,ÄAfhf%ofCfu A
,ì, ,x,Ä,lftf@fCf<,ÉŠO,µ,ÄfofbfNfAfbfv'@<<,dY'è,µ,Ä,©,çA.BAK Šg'£Žq,ª•t,ç,Ä,ç,éftf@fCf<,i'@<<,d
%δœ,µ,Ü,·B
```

```
attrib +a a:*.*
```

```
attrib -a a:*.bak
```

```
Žÿ,ÉAxcopy fRf}f"fh,dŽg,Á,ÄAfhf%ofCfu A ,lffBfXfN,©,çhf%ofCfu B
,lffBfXfN,Éftf@fCf<,δRfs[ ,µ,Ü,·BŽÿ,lRf}f"fh,Á /a fXfCfbf` ,dŽw'è, ,e,ÆAxcopy
,É,æ,èfofbfNfAfbfv'@<<,i^ó,ª•t,ç,Ä,ç,éftf@fCf<,¾, ,δRfs[ ,¾,è,Ü,·B
```

```
xcopy a: b: /a
```

```
xcopy ,Äftf@fCf<,δRfs[ ,µ,½CEã,ÄŠeftf@fCf<,lfofbfNfAfbfv'@<<,d%δœ,ª,¹,éé±,íAZÿ,ì—á,ì,æ,κ
,ÉA/a ,Ä,ì,É, /m fXfCfbf` ,dŽg,ç,Ü,·B
```

```
xcopy a: b: /m
```

```
Attrib ,ÉŠO, ,éÚ×î•ñ
```

Attrib--'

Attrib

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

## Backup

, , éffBfXfN, ©, ç•É, lfffBfXfN, É□A1 , Â^È□ã, ìftf@fCf<, ðfofbfNfAfbfv, μ, Û, ·□B

ftf@fCf<, ðfn□lfh fffBfXfN, Û, ½, ìftf□fbfs□[ fffBfXfN, ÉfofbfNfAfbfv, Â, «, Û, ·□B, Û, ½□A2 , Â, lfffBfXfN, ¢—¼-É, Æ•Ð-É, ì□è□#□A, Û, ½, ìfZfNf^□", ¢^Û, É, é□è□#, à□A, , éftf□fbfs□[ fffBfXfN, ©, ç•É, ìftf□fbfs□[ fffBfXfN, Éftf@fCf<, ðfofbfNfAfbfv, Â, «, Û, ·□BŠeftf@fCf<, ¢fofbfNfAfbfv, ¢, è, é, Æ□A, » , ì-¼'O, ¢•\Ž, ¢, è, Û, ·□B

**backup** '—, è'x Žó, 'xhf%ofCfu: [/s] [/m] [/a] [/f[:fTfCfY]] [/d:"ú•t[/t:Žž□□]] [/l[:fhf%ofCfu:] [fpx]lf□Of□f@fCf<-¼]]

## fpx%of□□lf^

'—, è'x

fofbfNfAfbfv, , éftf@fCf<, ì□è□Š, ðŽw'è, μ, Û, ·□B'—, è'x, ì□Afhf%ofCfu-¼, ÆfRf□f"□AfffBfCfNfNfgfŠ-¼□Aftf@fCf<-¼□A, Û, ½, ì, » , ì'g, Ý□#, ì, ð, ÂŽw'è, Â, «, Û, ·□B

Žó, 'xhf%ofCfu:

fofbfNfAfbfv ftf@fCf<, ð•Û'¶, μ, ½, çfffBfXfN, ì, , éhf%ofCfu, ðŽw'è, μ, Û, ·□BfofbfNfAfbfv ftf@fCf<, ì□ABACKUP.nnn , " , æ, Ñ CONTROL.nnn ftf@fCf<, É•Û'¶, ¢, è, Û, ·□B, Â, Û, è□A**backup** , É, æ, è□A1 -#-Û, ìfofbfNfAfbfv fffBfXfN, Â□□-, ¢, è, éftf@fCf<, É BACKUP.001 , " , æ, Ñ CONTROL.001 , Æ, ç, x-¼'O, ¢Š,, è"- , Â, ç, è□A2 -#-Û, ìfofbfNfAfbfv fffBfXfN, Â□□-, ¢, è, éftf@fCf<, É BACKUP.002 , " , æ, Ñ CONTROL.002 , Æ, ç, x-¼'O, ¢Š,, è"- , Â, ç, è, é, Æ, ç, x, æ, x, É, È, è, Û, ·□B

## /s

, , x, Ä, ìftfuffBfCfNfNfgfŠ, ì"à—e, ðfofbfNfAfbfv, μ, Û, ·□B

## /m

'O%ñ, ìfofbfNfAfbfv^È□~ , É•ï□X, ¢ , , Â, ½ftf@fCf<, ¾, -, ðfofbfNfAfbfv, μ, Ä□ACE³, ìftf@fCf<, ìfofbfNfAfbfv' ©□« , ð%ò□œ, μ, Û, ·□B

## /a

Šù'¶, ìftf@fCf<, ð□□œ, ¢ , , , É□AfofbfNfAfbfv ftf@fCf<, ðŠù'¶, ìfofbfNfAfbfv fffBfXfN, É'Ç%Á, μ, Û, · (Šù'¶, ìfofbfNfAfbfv fffBfXfN, É□Afo□[fWf#“ 3.2 ^È'O, ì MS-DOS , ì **backup** fRf}f"fh, ðŽg, Á, Ä□□-, ¢, è, ½fofbfNfAfbfv ftf@fCf<, ¢"ü, Á, Ä, ç, é□è□#, ì□A/a fXfCfbf` , ì-³Ž<, ¢, è, Û, ·)□B

## /f[:fTfCfY]

fofbfNfAfbfv fffBfXfN, ðŽw'è, μ, ½fTfCfY, ÉftfH□[f}fbfg, μ, Û, · ( **format** fRf}f"fh, ìCE»Ý, ìfpx, É, È, -, è, ì, È, è, Û, ¢, ñ)□B**backup** fRf}f"fh, ì□A, ±, ìfXfCfbf` , É□, Á, Ä□Afhf %ofCfu, ìŠù'è, ìfTfCfY, É^è'v, μ, È, çftf□fbfs□[ fffBfXfN, àftfH□[f}fbfg, μ, Û, ·□B**backup** fRf}f"fh, ðŽÀ□s, , é, Æ□A/f fXfCfbf` , ðŽw'è, μ, È, , Ä, à□AftfH□[f}fbfg, μ, Ä, ç , È, çfofbfNfAfbfv□æfffBfXfN, ¢ftfH□[f}fbfg, ¢, è, Û, ·□B**backup** , É, æ, éftfH□[f}fbfg, ¢Š@— ¢ , , é, Æ□AftfH□[f}fbfg□, Ý, ì□ACEã, ìfffBfXfN, Éftf@fCf<, ¢fofbfNfAfbfv, ¢, èŽn, ß, Û, ·□BfTfCfY, Á, ì□AftfH□[f}fbfg , , éffBfXfN, ìfTfCfY, ð KB 'P^È, ÂŽw'è, μ, Û, ·□BfTfCfY, ðŽw'è, μ, È, -, è, ì□A/f fXfCfbf` , É, æ, èfhf %ofCfu, ìŠù'è, ìfTfCfY, ðŽg, ç, Û, ·□BŽÿ, É□AftfCfY, É—LCEø, È'ì, ÆfTfCfY, ìŠT—v, ðŽì, μ, Û, ·□B

160□A160k□A160kb  
160K□A•Ð-È□A" {-s"x□A5.25 fCf"f` fffBfXfN

180□A180k□A180kb  
180K□A•Ð-È□A" {-s"x□A5.25 fCf"f` fffBfXfN

320□A320k□A320kb

320KB—¼-ÊA”{-š“xA5.25 fCf“f` fffBfXfN

360A360kA360kb

360KB—¼-ÊA”{-š“xA5.25 fCf“f` fffBfXfN

720A720kA720kb

720KB—¼-ÊA”{-š“x3.5 fCf“f` fffBfXfN

1200A1200kA1200kbA1.2A1.2mA1.2mb

1.2MBA—¼-ÊA”{-š“x”{fgf%ofbfN5.25 fCf“f` fffBfXfN

1440A1440kA1440kbA1.44A1.44mA1.44mb

1.44MBA—¼-ÊA”{-š“x”{fgf%ofbfN3.5 fCf“f` fffBfXfN

2880A2880kA2880kbA2.88A2.88mA2.88mb

2.88MBA—¼-ÊA’´,-š“x”{fgf%ofbfN3.5 fCf“f` fffBfXfN

20.8A20.8mA20.8mb

20.8MBA3.5 fCf“f` ftf fvfefBfjf fffBfXfN

PC-9800 fVfŠ[fY,ìéñ,íAŽŸ,ì’l,àŽg—p,Á,«,Ü,·B

1250A1250kA1250kbA1.25A1.25mA1.25mb

1.25MBA—¼-ÊA4 ”{-š“x”Aftf fbfS fffBfXfN

/d:“ú•t

Žw’è,μ,½“ú•tA,Ü,½,í,»,è^Ê~ ,ÉC³,è,½ftf@fCf<,¾,¯,đofbfNfAfbfv,μ,Ü,·B“ú•t,ìE`Ž®,íAcountry  
fRf}f“fh,É,æ,éY’è,É%ž,¶,Ä^Ù,È,è,Ü,·B

/t:Žž

Žw’è,μ,½ŽžA,Ü,½,í,»,è^Ê~ ,ÉC³,è,½ftf@fCf<,¾,¯,đofbfNfAfbfv,μ,Ü,·BŽž,ìE`Ž®,íAcount  
y fRf}f“fh,É,æ,éY’è,É%ž,¶,Ä^Ù,È,è,Ü,·B

/l:[fhf%ofCfu:][fpfX]fOf@fCf<-¼]

f fO ftf@fCf<,³,èA,» ,ìftf@fCf<,ÉfGf“fgfŠ,²Ç%Á,³,è,ÄAfofbfNfAfbfv’€ì,²L~^,³,è,Ü,·Bf fO  
ftf@fCf<,ìéñŠ,đŽw’è,μ,È,¯,è,íA**Backup** ,É,æ,èftf@fCf<,đ—,è’xfhf%ofCfu,ìf<[fg  
ffBfEfNfgfŠ,Éìì,μ,Ü,·Bf fO ftf@fCf<-¼,đŽw’è,μ,È,¯,è,íA**Backup** ,É,æ,èftf@fCf<-¼,đ BACKUP.LOG  
,Æ,μ,Ü,·B,±,ìfpf%of f^ ,É,íACEđŠ·%Ä“\,Èfhf%ofCfu (ftf fbfS fffBfXfN fhf%ofCfu,È,Ç) ,íŽw’è,μ,È,ç  
,Á,,¾,¾,çB,¾,¾,μAfofbfNfAfbfv,²Š® —¹,μ,½,çAf fO ftf@fCf<,đftf fbfS fffBfXfN,ÉfRfs[ ,Á,«,Ü,·B

Backup ,ÉŠÖ,·,éU×i•ñ

Backup--’

Backup---á

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Backup--**

**ftf@fCf<,é'fY,éffffBfXfN,ÉfofbfNfAfbfv,é**

/a fXfCfbf` ,ðŽw'è,µ,È,ç,Å□A**backup** ,ðŽÀ□s,é,Æ□V,µ,çftf@fCf<,ð'Ç%Á,é'O,É□AfofbfNfAfbfv fffBfXfN,©,çCEÅ,çftf@fCf< (□,«□ž,Ý<ÖŽ~ftf@fCf<,ðŠÜ,Þ) ,ª□fœ,ª,è,Ü,□B

**f□fO ftf@fCf<,ðfofbfNfAfbfv,é**

/l fXfCfbf` ,ðŽw'è,é□é□f□A□f□fO ftf@fCf<,ì-¼'O,Æ□é□Š,ðŽw'è,µ,È,é,î□A**backup** fRf}f"fh,É,æ,èftf@fCf< **BACKUP.LOG** ,ð'—,è'æfhf%oCfu,lf□[fg fffBfCEfNfgfŠ,É'Ç%Á,µ,Ü,□BŠù,É **BACKUP.LOG** ftf@fCf<,é'fY,é□é□f,í□A**backup** ,íCE»□Ý,ìGf"fgfŠ,ðftf@fCf<,É'Ç%Á,µ,Ü,□BfofbfNfAfbfv f□fO ftf@fCf< fGf"fgfŠ,É,ìŽŸ,ìCE`Ž@,ªŽg,í,è,Ü,□B  
 ▪ fofbfNfAfbfv,ì"úŽž,ª 1 □s-Ü,É•\Žì,ª,è,Ü,□B  
 ▪ Šeftf@fCf<-¼,Æ□A,» ,ìftf@fCf<,ª"ü,Á,Å,ç,éfofbfNfAfbfv fffBfXfN,ì"Ó□t,ª□A•É,ì□s,É•\Žì,ª,è,Ü,□B

fofbfNfAfbfv f□fO ftf@fCf<,ðŽg,æ,Æ□ACEã,Á•œCEª,éftf@fCf<,ðŽ`•É,µ,à,.,È,è,Ü,□B**Restore** fRf}f"fh,ðŽÀ□s,é,Æ□A•K—v,Á, ,è,ìfTfufffBfCEfNfgfŠ,ª□i□-,ª,è□Aftf@fCf<,í•K, ,fofbfNfAfbfv f□fO,É<L~^,ª,è,½CEª,ìfffBfCEfNfgfŠ,Ü,½,ìfTfufffBfCEfNfgfŠ,É-ß,ª,è,Ü,□B

**fofbfNfAfbfv fffBfXfN,Éf%ofxf<,ð•t,é**

fofbfNfAfbfv fffBfXfN,É,ì'A±,é,é%ofxf<,Æ"Ó□t,ð•t,é,è,è,ì,È,è,Ü,¹,ñ□BfffBfXfN,ª,ç,Á,ì,ç ,É,È,é,Æ□A**backup** ,É,æ,èŽŸ,ìfffBfXfN,ì' }"ü,ð<□,ß,é□f□fZ□[fW,ª•\ Žì,ª,è,Ü,□Bftf@fCf<,ð•œCEª,é□é□f,í□AfofbfNfAfbfv fffBfXfN,ðfffBfXfN fhf%oCfu,É"~,f□f□~ ,Á' }"ü,é•K —v,ª,è,Ü,□BfofbfNfAfbfv fffBfXfN (MS-DOS fo□[fWf†f" 3.3 ^È□~) ,ì□f□~ ,ðŠm" F,é,É,í□A**dir** fRf}f"fh,ðŽg,Á,ÄfffBfXfN"Ó□t,ð'², x,Ü,□B

**Backup ,ÆfVfXfef€ ftf@fCf<**

**backup** fRf}f"fh,Á,í□AfvfXfef€ ftf@fCf< IO.SYS□AMSDOS.SYS□A, ,æ,Ñ **CMD.EXE** ,ðfofbfNfAfbfv,é,± ,Æ,í,Á,« ,Ü,¹,ñ□B**sys** fRf}f"fh,ðŽg,æ,Æ□A,±,è,ç,ìftf@fCf<,ðftf□fbs□[ fffBfXfN,ÉfRfs□[ ,Á,« ,Ü,□B

**<CEfo□[fWf†f" ,ì restore fRf}f"fh,ðŽg,æ**

fo□[fWf†f" 3.3 ^È□~,ì MS-DOS ,ÁfofbfNfAfbfv,µ,½ftf@fCf<,É,í□A<CEfo□[fWf†f" ,ì **restore** fRf}f"fh (fo□[fWf†f" 3.2 ^È'O,ì MS-DOS) ,ìŽg,ì,Ü,¹,ñ□B<CEfo□[fWf†f" ,ìfRf}f"fh,ðŽg, ,æ ,Æ,é,Æ□AZŸ,ìf□f□fZ□[fW,ª•\Žì,ª,è,Ü,□B  
 fofbfNfAfbfv,ì,½,ß,ìftf@fCf<,ªCE©,Á,©,è,Ü,¹,ñ.  
 ,±,ìfGf%o□[ ,ª"□f,é,è,ì,í□A<CEfofbfNfAfbfv ftf@fCf<,ìCE`Ž@,ª□Afo□[fWf†f" 3.3 ^È□~,ì MS-DOS ,ÁfofbfNfAfbfv,ª,è,½ftf@fCf<,ìCE`Ž@,Æ,í^Ü,È,é,½,ß,Á,□B

**Backup fRf}f"fh,ì□I—¹fR□[fh**

ŽŸ,É□A□I—¹fR□[fh,Æ,» ,ì^Ó-i,ðŽì,µ,Ü,□B

- 0 fofbfNfAfbfv,ª□³□í, É□I—¹,µ,½□B
- 1 fofbfNfAfbfv'í□Ü,ìft f@fCf<,é'fY,µ,È,ç □B
- 2 ftf@fCf<«— L,ÉŠÖ,é<£□f,É,æ, è□A^è•",ìftf@fCf<,ª fofbfNfAfbfv,Á,« ,È, ©,Á,½□B

3 ft[fU[,<sup>a</sup> **Ctrl + C**  
fL[,ð  
%oÿ,µ,ÄAŽÀs,ð'â  
Ž~,µ,½B

4 fGf  
%o[,É,æ,èŽÀs,<sup>a</sup>  
âŽ~,µ,½B

fofbf` ftj@fCf<,ì if fRf}f“fh f%ofCf“ã,Å **errorlevel** fpf%of[f^,ðŽg,α,ÆA**backup**  
fRf}f“fh,©,ç•Ö,<sup>3</sup>,é|—<sup>1</sup>fR[fh,ð^—,Å,«,Ü,·B|—<sup>1</sup>fR[fh,ð^—,·,éfofbf` ftj@fCf<,ì—á,É,Â,ç  
,Ä,íA**Backup**—á,ðŽQ/Æ,µ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,çB

Backup ,ÉŠÖ,·,éÚ×î•ñ

Backup—á

Backup



A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

### Backup---á

```
fhf%ofCfu C ,lfffBfCEfNfgfŠ \PUBLIC\SMITH ,ì,·,x,Ä,ìftf@fCf<,ð□Afhf%ofCfu A
,ìftfH□[f}fbfg,³,é,½fffBfXfN,ÉfofbfNfAfbfv,·,é□é□‡,í□AZÿ,ì,æ,α,É“ü—í,μ,Û,·□B
```

```
backup c:\public\smith\*.* a:
```

```
fhf%ofCfu C ,lfffBfCEfNfgfŠ \PUBLIC\SMITH ,É, ,é,·,x,Ä,ìftf@fCf<,ð□Afhf%ofCfu B ,ì 720K
,ìftf□fbs□[ fffBfXfN,ÉfofbfNfAfbfv,·,é,Æ%¼'è,μ,Û,·□B,±,ìftf□fbs□[ fffBfXfN,³ftfH□[f}fbfg,³,é,Ä,ç
,É,ç□é□‡,í□Aftf@fCf<,ðfofbfNfAfbfv,·,é'O,É backup fRf}f“fh,É,æ,èftfH□[f}fbfg,³,é,Û,·□BŽÿ,ìfRf}f“fh,Ä,í
/s fXfCfbf` ,ðžw'è,μ,Ä,ç,É,ç,ì,Ä□AftfufffBfCEfNfgfŠ,ìftf@fCf<,ìfofbfNfAfbfv,³,é,Û,¹,ñ□B
```

```
backup c:\public\smith\*.* b: /f:720k
```

```
backup fRf}f“fh,ì□I—¹fR□[fh,Æ /s fXfCfbf` ,³ftf□[fg,³,é,é'P□f,Éfofbf` ftf@fCf< SMITH
,ð□ì□→,·,é,É,í□A“C^Ó,ìfGfffBf^ ,ðžg,Á,ÄŽÿ,ìfRf}f“fh,³“ü,Á,Ä,ç,éftf@fCf<,ð□ì□→,μ,Û,·□B
```

```
echo off
```

```
rem fofofbfNfAfbfv fRf}f“fh
```

```
backup c:\public\smith\*.* b: /s
```

```
if errorlevel 4 goto error
```

```
if errorlevel 3 goto abort
```

```
if errorlevel 2 goto conflict
```

```
if errorlevel 1 goto no_files
```

```
if errorlevel 0 goto success
```

```
:error
```

```
echo fGf%□[ ,ì,½,βfofbfNfAfbfv□ì<Æ,³'tž~ ,³,é,Û,μ,½.
```

```
goto exit
```

```
:abort
```

```
echo Ctrl + C ,³%□ÿ,³,é,½,ì,ÄfofbfNfAfbfv□ì<Æ,ð'tž~ ,μ,Û,·.
```

```
goto exit
```

```
:conflict
```

```
echo ftf@fCf<<α—L,ÉŠÖ,·,é<£□‡,³□¶,¶,Ä,ç,é,½,β□A^è•”,ìftf@fCf<,ðfofbfNfAfbfv,Ä,« ,Û,¹,ñ,Ä,μ,½.
```

```
goto exit
```

```
:no_files
```

```
echo fofofbfNfAfbfv,·,éftf@fCf<,³, ,è,Û,¹,ñ.
```

```
goto exit
```

```
:success
```

```
echo fofofbfNfAfbfv,³□³□í,É□I—¹,μ,Û,μ,½.
```

```
goto exit
```

```
:exit
```

```
fofbf` ftf@fCf<,Ä if fRf}f“fh,ðžg,α•û-@,ì□Ú□×,É,Ä,ç,Ä,í□Aí fRf}f“fh,ðžQ□Æ,μ,Ä,,¾,³,ç□B
```

```
Backup ,ÉŠÖ,·,é□Ú□×□î•ñ
```

Backup--'□

Backup

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Break**

Windows NT ,Å,Í□A,±,ìfRf}f“fh,íŽg,ç,Ü,¹,ñ□BMS-DOS ,©,ç,ìftf@fCf<,Æ,ìŒÝŠ·□«,đŠm•Ú,·,é,½,ß,É,¾,¯—  
p^Ó,³,ê,Ä,ç,Ü,·□B

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

### Buffers

Windows NT ,Æ MS-DOS ftfufVfXfef€ ,Å, íA, ±, ìfRf}f“fh, íŽg, ç, Ü, ð, ñ BMS-DOS  
 , ©, ç, ìftf@fCf<, Æ, ìCEÝŠ·«, ðŠm•Û, ·, é, ½, ß, É, ¾, ¯ -p^Ó, ð, ê, Ä, ç, Ü, ·B

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Cacls**

ftf@fCf<,lfAfNfZfX[]\$CEäfŠfXfg (ACL) ,ð•Ž!;Ü,½,í□C□³,μ,Ü,·□B

**cacls** ftf@fCf<-¼ [/t] [/e] [/c] [/g ft□[ fU□[:fAfNfZfXCE ] [/r ft□[ fU□[ [...]] [/p ft□[ fU□[:fAfNfZfXCE [...]] [/d ft□[ fU□[ [...]]

**fpf%of□□lf^**

ftf@fCf<-¼

Žw'èftf@fCf<,ì ACL ,ð•Ž!;Ü,μ,Ü,·□B

**/t**

CE»Ÿ,lfBfCEfNfgfŠ,¨,æ,Ñ,·,x,Ä,lfTfuffBfCEfNfgfŠ,É, ,éŽw'è,³,è,½ftf@fCf<,ì ACL ,ð•İ□X,μ,Ü,·□B

**/e**

ACL ,ð□A'u,«Š·,!,é,ì,Á,í,È,□A•Ò□W,μ,Ü,·□B

**/c**

fGf%□□[,ª"□¶,μ,Ä,à,»,è,ð-³Ž<,μ,Ä□AACL ,ì•İ□X□^—□,ð'±□s,μ,Ü,·□B

**/g ft□[ fU□[:fAfNfZfXCE**

Žw'è,³,è,½ft□[ fU□[,ÉŽw'èfAfNfZfXCE ,ð—^,!,Ü,·□BfAfNfZfXCE ,É,ÍŽŸ,ì'l,ðŽw'è,Á,«,Ü,·□B

**r** “Ç,ÝŽæ,è

**c** •İ□X (□',«□ž,Ý)

**f** ftf< fRf"fgf□□lf<

**/r ft□[ fU□[**

Žw'è,³,è,½ft□[ fU□[,lfAfNfZfXCE ,ðžæ,è□Á,μ,Ü,·□B

**/p ft□[ fU□[:fAfNfZfXCE**

Žw'è,³,è,½ft□[ fU□[,lfAfNfZfXCE ,ð'u,«Š·,!,Ü,·□BfAfNfZfXCE ,É,ÍŽŸ,ì'l,ðŽw'è,Á,«,Ü,·□B

**n** ,È,μ

**r** “Ç,ÝŽæ,è

**c** •İ□X (□',«□ž,Ý)

**f** ftf< fRf"fgf□□lf<

**/d ft□[ fU□[**

Žw'è,³,è,½ft□[ fU□[,É,æ,éfAfNfZfX,ð<' "Ü,μ,Ü,·□B

•;□",lfTf@fCf<,ðŽw'è,·,é,É,í□Af□fCf<fhfj□[fh,ðŽw'è,Á,«,Ü,·□B,Ü,½□A•;□",lfT□[ fU□[,ðŽw'è,Á,«,Ü,·□B

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Call**

fofbf` ftj@fCf<,ì†,©,çA,»,)fofbf` ftj@fCf<,δ|—<sup>1,3,1</sup>,é,±,Æ,È,□A,Ù,©,)fofbf`  
ftj@fCf<,δĀ,Ñ□o,μ,ÄŽÄ□s,<sup>3,1</sup>□A□Ä,ÑĀ,Ñ□o,μ,½fofbf` ftj@fCf<,É□SĀä,δ-ß,μ,Ü,·□B

**call** [fhf%ofCfu:][fpfX]ftj@fCf<-¼ [fofbf` fpf%of□□[f^]

**fpf%of□□[f^**

[fhf%ofCfu:][fpfX]ftj@fCf<-¼

Ā,Ñ□o,·fofbf` ftj@fCf<,ìé□Š,Æ-¼'O,δŽw'è,μ,Ü,·□Bftj@fCf<-¼,É,í□AŠg'£Žq .BAT ,Ü,½,í .CMD  
,ð•t,¯,È,¯,ê,î,È,è,Ü,<sup>1</sup>,ñ□B

fofbf` fpf%of□□[f^

fofbf` ftj@fCf<,É•K—v,ĒfRf}f“fh f%ofCf“□î•ñ,δŽw'è,μ,Ü,·□B

Call ,ÉŠÖ,·,é□Ú□×□î•ñ

Call--'□

Call---á

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

Call--'□

**fofbf` fpf%of□□[f^,ðŽg,α**

fofbf` fpf%of□□[f^,É,í□Afxfcfbf` □Aftf@fCf<-¼□A%1 ,©,ç %9 ,ì'u,«Š,¡%oÂ" \fpf%of□□[f^□A, ",æ,Ñ  
%baud% ,È,Ç,ìŠÂ««•í□",ðŽw'è,μ,Ä□Afofbf` ftf@fCf<,É"n,·□î•ñ,ð<L□q,Å,«,Ü,·□B

**fpfCfv,ÆfŠf\_fCfCEfNfg•¶Žš,ðŽg,α**

**call** fRf}f"f'h,Æ<α,ÉfpfCfv,ÆfŠf\_fCfCEfNfg•¶Žš,íŽg,ì,Ü,<sup>1</sup>,ñ□B

□Ä<ACEÄ,Ñ□o,μ,ð□s,α

,»,êŽ©'ì,ðCEÄ,Ñ□o,·fofbf` ftf@fCf<,ð□i□¬,Å,«,Ü,·□B,½,¾,μ□A□|—<sup>1</sup>□ðCE□,ð—^,ì,É,¬,ê,î,È,è,Ü,<sup>1</sup>,ñ□B□|—  
<sup>1</sup>□ðCE□,ð—^,ì,É,¬,ê,î□A□e,ÆŽq,ìfofbf` ftf@fCf<,ª-³CEÄ,Éf<□[fv,·,é,±,Æ,ª, ,è,Ü,·□B

Call ,ÉŠÖ,·,é□Ú□×□î•ñ

□ Call---á

□ Call

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Call---**

CHECKNEW.BAT fvf[]fOf%of€ ,đ•Ê ,ìfofbf` ftj@fCf< ,© ,çŽÀ[]s ,· ,é ,É ,í[]A[]efofbf`  
ftf@fCf< ,ÉŽŸ ,ìfRf}f`fh ,đ'g ,Ý[]ž ,Ý ,Û ,·[]B

**call checknew**

[]efofbf` ftj@fCf< ,² 2 ,Â ,ì'u ,<Š ,!%oÂ" \pf%of[][]f^ ,đŽó ,~"ü ,è ,é[]ê[]# ,É[]A ,» ,è ,ç ,ìfpf%of[][]f^ ,đ  
CHECKNEW.BAT ,É"n ,· ,Æ ,«[]A[]efofbf` ftj@fCf< ,ÂŽŸ ,ìfRf}f`fh ,đŽg—p ,Â ,« ,Û ,·[]B

call checknew %1 %2

Call ,ÉŠÖ ,· ,é[]Ú[]x[]î•ñ

Call--'

Call

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Chcp**

fAfNfefBfu,ÈfRf“f∞[f< fR∞[fh fy∞[fW,ì'ì,ð•\Žì∞A,Ü,½,í Windows NT ,ÅfRf“f∞  
∞[f<,ÉŽg,í,ê,éfAfNfefBfu,ÈfRf“f∞[f< fR∞[fh fy∞[fW,ð•ì∞X,μ,Ü,∞B'∞∞F fRf}f“fh fvf∞f“fvfg  
fEfBf“fhfE,É,í∞AWindows NT ,ÅfCf“fXfg∞[f<,³,ê,Ä,ç,é OEM fR∞[fh fy∞[fW,¾, ¯,³f%∞fXf^  
ftfHf“fg,ðŽg,Á,Ä³,μ,•\Žì,³,ê,Ü,∞B,Ü,©,ìfR∞[fh fy∞[fW,ìftf< fXfNfŠ∞[f“ f,∞[fh,Ü,½,í TrueType  
ftfHf“fg,ðŽg—p,μ,Ä,ç,éfRf}f“fh fvf∞f“fvfg fEfBf“fhfE,Ä³,μ,•\Žì,³,ê,Ü,∞B

**chcp** [nnn]

**fpf%∞f∞∞[f^**

,È,μ

fpf%∞f∞∞[f^,ð•t, ¯, ,É **chcp** ,ðŽg,α,Æ∞A fAfNfefBfu,ÈfRf“f∞[f< fR∞[fh fy∞[fW,ð•\Žì,μ,Ü,∞B  
nnn

fR∞[fh fy∞[fW,ðŽw'è,μ,Ü,∞BŽŸ,É∞AWindows NT ,ÅfTf[∞[fg,³,ê,éfR∞[fh  
fy∞[fW,Æ∞A,»∞,ì∞',Ü,½,íCE¾CEè,ðŽì,μ,Ü,∞B

- 437 fAf∞fŠfj
- 850 '½CE¾CEè (f%∞fef“ I)
- 852 fXf%∞fu (f%∞fef“ II)
- 855 fLfŠf< (f∞fVfA)
- 857 fgf<fR
- 860 f|f<fgfKf<
- 861 fAfCfXf%∞f“fh
- 863 fjfif\_ ftf%∞f“fXCEè
- 865 fmf<fffBfbfN
- 866 f∞fVfA
- 869 <ß'äfMfŠfVff

ŠÖ~A∞€-Ú

- Country
  - Device
  - Devicehigh
  - Mode (fff of CfX,ìfR∞[fh fy∞[fW,ì∞Ý'è)
- Chcp ,ÉŠÖ,∞,é∞U∞x∞î•ň
- Chcp--'∞
  - Chcp---á



A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Chcp--'**

**€”ö,ö•K—v,Æ,μ,È,¢fR[fh fy[fW**

MS-DOS ,ìê±,Æ“—l,ÉAfR[fh fy[fW,ì€”ö,ö,·,é•K—v,í, ,è,Û,¹,ñB

**V,μ,¢fR[fh fy[fW,đŠ,,è“-,Ä,é**

V,μ,¢fR[fh fy[fW,đŠ,,è“-,Ä,é,ÆA<N“® ,μ,½vf[fOf%f€ ,Ä,ÍV,μ,¢fR[fh fy[fW,đŽg,¢  
,Û,·B,½,¾,μA V,μ,¢fR[fh fy[fW,đŠ,,è“-,Ä,é'O,É<N“® ,μ,½vf[fOf%f€ (CMD.EXE ,đœ,) ,íACE³,ìfR[fh fy[fW,đŽg—p,·,é,í,·,Ä,·B

Chcp ,ÉŠÖ,·,éÚ×î•ñ

Chcp---á

Chcp

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Chcp---á**

fAfNfefBfu,ÈfR[fh fy[fW,ìÝ'è,ð•\Ž|,.,é,É,íAŽŸ,ìfRf}f“fh,ð“ü—í,μ,Û,·B

**chcp**

ŽŸ,ì,æ,æ,Èf[fbfZ[fW,ª•\Ž|,ª,è,Û,·B

Œ»Ÿ,ìfR[fhfy[fW: 437

fAfNfefBfu,ÈfR[fh fy[fW,ð 850 ('½Œ¾Œè) ,É•ìX,.,é,É,íAŽŸ,ìfRf}f“fh,ð“ü—í,μ,Û,·B

**chcp 850**

Žw'è,μ,½fR[fh fy[fW,ª-ªŒø,Èèè,íAWindows NT ,©,çŒxª,ª,èAŽŸ,ìfGf%o[f fbfZ[fW,ª•\Ž|,ª,è,Û,·B

fR[fhfy[fW,ª^á,ç,Û,·

Chcp ,ÉŠÖ,.,éÚ×î•ň

Chcp--'

Chcp

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Chdir (Cd)**

☒»☐Ý,ìfffbfĉefNfgfŠ,ì-¼'O,đ•\Ž!,μ,½,è☐ACE»☐Ý,ìfffbfĉefNfgfŠ,đ•Ī☐X,μ,Û,·☐B

**chdir** [/d] [fhf%ofCfu:][fpfX] [..]

-,Û,½,Ī-

**cd** [/d] [fhf%ofCfu:][fpfX] [..]

**fpf%of☐☐[f^**

,È,μ

fpf%of☐☐[f^,đ•t, , ,É **chdir** ,đŽg,α,Æ☐ACE»☐Ý,ìfhf%ofCfu, ,æ,ÑfffbfĉefNfgfŠ,ì-¼'O,đ•\Ž!,μ,Û,·☐B

[/d]

fhf%ofCfu,ì☒»☐Ý,ìfffbfĉefNfgfŠ,Ī•Ī☐X,É%oÁ,Ī,Ä☐ACE»☐Ý,ìfhf%ofCfu,à•Ī☐X,μ,Û,·☐B

[fhf%ofCfu:][fpfX]

•Ī☐X,Ī'Ī☐Û,Æ,È,éfhf%ofCfu (☒»☐Ý,ìfhf%ofCfu^ÈŠO,ì☐ê☐‡) ,ÆfffbfĉefNfgfŠ,đŽw'è,μ,Û,·☐B

[..]

☒»☐Ý,ìfffbfĉefNfgfŠ,ì☐efffbfĉefNfgfŠ,đŽw'è,μ,Û,·☐B

Chdir ,ÉŠÖ,·,é☐Ú☐×☐Ī•ň

☐ Chdir--'☐

☐ Chdir--—á

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Chdir--'**

**f<[fg fffBfCEfNfgfŠ,É•İX,.,é**

f<[fg fffBfCEfNfgfŠ,İAfhf%ofCfu,İffBfCEfNfgfŠŠK'w,İÅä•",É, ,è,Ü,·Bf<[fg fffBfCEfNfgfŠ,É-  
B,é,É,İAZÿ,İRf}f"fh,ð"ü—í,µ,Ü,·B

**cd\**

**•É,İfhf%ofCfu,©,çCE»İY,İffBfCEfNfgfŠ,ðŽg,±**

fhf%ofCfu C ,İffBfCEfNfgfŠ \PUBLIC\JONES ,Åİ<Æ,µ,Ä,ç,ÅAfhf%ofCfu D ,É•İX,µ,½èè‡,İAfhf%ofCfu-  
¼ C ,ðŽw'è,·,é,¾,·,ÅAfffBfCEfNfgfŠ \PUBLIC\JONES ,Étf@fCf<,ðRfs[ ,µ,½,èA,±  
,İffBfCEfNfgfŠ,©,çtf@fCf<,ðRfs[ ,µ,½,è,Å,«,Ü,·B

**•É,İfhf%ofCfuã,İffBfCEfNfgfŠ,ð•İX,.,é**

**chdir** fRf}f"fh,ðŽg,±,Æ,«,ÉAfrf}f"fh f%ofCf",Åfhf%ofCfu-¼,ðŽw'è,·,é,ÆA•É,İfhf  
%ofCfu,ÅCE»İY,İffBfCEfNfgfŠ,ð•İX,Å,«,Ü,·B

Chdir ,ÉŠÖ,·,éÚ×î•ñ

Chdir--—á

Chdir

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Chdir---**

ŽŸ, Ì, Ç, Ì, ç, ©, ÌfRf}f“fh, ð“ü—Í, ·, é, ÆACE»Ÿ, ÌfffBfCEfNfgfŠ, ðfffBfCEfNfgfŠ REPORTS , É•İX, ð, ê, Ü, ·B

chdir \reports

cd \reports

fTfufffBfCEfNfgfŠ SPONSORS , ðŽŸ, ÆfffBfCEfNfgfŠ SPECIALS , ð, ·, é, Æ%¼'è, µ, Ü, ·BCE»Ÿ, ÌfffBfCEfNfgfŠ, ð  
 \SPECIALS\SPONSORS , É•İX, ·, é, É, İAZŸ, ÌfRf}f“fh, ð“ü—Í, µ, Ü, ·B

**cd \specials\sponsors**

, Ü, ½ACE»Ÿ, ÌfffBfCEfNfgfŠ, ð \SPECIALS , Æ, ·, é, İAZŸ, ÌfRf}f“fh, ðŽg, Æ, ÆfffBfCEfNfgfŠ \SPECIALS\  
 SPONSORS , É•İX, Æ, «, Ü, ·B

**cd sponsors**

fTfufffBfCEfNfgfŠ, ©, ç 1 , Æã^É, ÌfffBfCEfNfgfŠ, É•İX, ·, é, É, İAZŸ, ÌfRf}f“fh, ð“ü—Í, µ, Ü, ·B

**cd ..**

CE»Ÿ, ÌfffBfCEfNfgfŠ, Ì-¼'O, ð•ŽŸ, ·, é, É, İAfpf%of[]f^, ð•t, ·, , É **chdir** , Ü, ½, Í **cd** , ðŽg, µ, ±  
 , Æ, ð, Æ, «, Ü, ·B, ½, Æ, , İ, İACE»Ÿ, ÌfffBfCEfNfgfŠ, ðfhf%ofCfu B , ÌfffBfXfN, Ì \PUBLIC\JONES , Æ, ·, é, İ**Achdir**  
 , Æ“ü—Í, ·, é, ÆŽŸ, Ì%ž“š, ð•ŽŸ, ð, ê, Ü, ·B

B:\PUBLIC\JONES

fhf%ofCfu D , Æİ<Æ, µ, Æ, ç, é, Æ, «, ÉAfhf%ofCfu C , ÌfffBfCEfNfgfŠ \PUBLIC\JONES , ·, æ, Ñ \PUBLIC\LEWIS  
 , Ì, ·, x, Æ, Ìftf@fCf<, ðAfhf%ofCfu D , Ìf<[]fg fffBfCEfNfgfŠ, ÉfRfs[], µ, ½, ç, é, İAZŸ, ÌfRf}f“fh, ð“ü—Í, µ, Ü, ·B

**chdir c:\public\jones**

**copy c:\*. \* d:\**

**chdir c:\public\lewis**

**copy c:\*. \* d:\**

'ã, í, è, ÉAfffBfCEfNfgfŠ \PUBLIC\JONES , ·, æ, Ñ \PUBLIC\LEWIS , Ì, ·, x, Æ, Ìftf@fCf<, ðAfhf%ofCfu D  
 , ÌCE»Ÿ, İêŠ, ÉfRfs[], ·, é, éê, İAZŸ, ÌfRf}f“fh, ð“ü—Í, µ, Ü, ·B

**chdir c:\public\jones**

**copy c:\*. \* d:**

**chdir c:\public\lewis**

**copy c:\*. \* d:**

Chdir , ÉŠÖ, ·, é, Üxî•ñ

Chdir--'

Chdir

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Chkdsk**

Žg—p†,ìftf@fCf< fvfxfeje,ÉŠî,Ā,ç,ÄAfffBfxfn,ÉŠÖ,·,éfxfe[]f^fX fCef[]fg,ª[]-³,êA·\  
 Ž!,³,ê,Û,·B,Û,½A**chkdsk**,ðŽÀ[]s,·,é,ÆAfffBfxfn,ìfgf%[][,ª^ê—·\Ž!,³,êA'ù[]³,³,ê,Û,·B**chkdsk**  
 ,Åfhf%ofCfu,ðf[]fbfn,Å,«,È,·,ê,îAŽŸ,ÉfRf"fsf...[]f^,ðÄ«N"®,·,é,Æ,«,ÉCEŸ[],³,ê,Û,·B  
 fn[]fh fffBfxfn,Å **chkdsk** fRf}f"fh,ðŽÀ[]s,·,é,É,íAAdministrators fOf<[]fv,ìf[]f"fo[][,Ā,È,·,ê,î,È,è,Û,¹,ñB  
**chkdsk** [fhf%ofCfu:][[fpfX] ftf@fCf<-¼] [/f] [/v] [/r]

**fpf%of[]f^**

,È,µ  
 fpf%of[]f^,ð·t,·,·,É **chkdsk** fRf}f"fh,ðŽg,«,ÆAACE»[]Ÿ,ìfhf%ofCfu,ìfffBfxfn,ìó'Ô,ð·Ž!,µ,Û,·B  
 fhf%ofCfu:

**chkdsk**, ÅCEŸ[],µ,½,çfffBfxfn,ª' }"ü,³,ê,Ā,ç,éfhf%ofCfu,ðŽw'è,µ,Û,·B  
 [fpfX] ftf@fCf<-¼

**chkdsk**, Åî·ñ,ðCEŸ[],µ,½,çftf@fCf<,Û,½,ìfffBfCfNfgfŠ,ìê[]Š,Æ-¼'O,ðŽw'è,µ,Û,·Bf[]Cf<fhfj[]fh (\*  
 ,â ?),ðŽg,«,ÆA·i[]",ìftf@fCf<,ðŽw'è,Ā,«,Û,·B

**/f**

fffBfxfn,ìfgf%[][,ð'ù[]³,µ,Û,·BfffBfxfn,ìf[]fbfn,³,ê,Û,·B**chkdsk**, Åfhf  
 %ofCfu,ªf[]fbfn,Å,«,È,·,ê,îAŽŸ,ÉfRf"fsf...[]f^,ðÄ«N"®,·,é,Æ,»,ê,ªCEŸ[],³,ê,Û,·B

**/v**

fffBfxfn,ªCEŸ[],³,ê,é,½,Ñ,ÉA,·,x,Ā,ìfffBfCfNfgfŠ,ìšeftf@fCf<,ì-¼'O,ð·Ž!,µ,Û,·B

**/r**

·s—çZfnf^,ìê[]Š,ª"È,«Ž~,B,ç,êA"Ç,ŸŽæ,è%Å"\,Èî·ñ,ð%ñ·œ,µ,Û,·BfffBfxfn,ìf[]fbfn,³,ê,Û,·B  
 Chkdsk ,ÉŠÖ,·,é[]Ú[]×î·ñ

- Chkdsk--'[]
- Chkdsk---á

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Chkdk--'□**

**chkdk** ,đŽÀ□s, ,é,Æ□ANTFS , ,æ,Ñ FAT ,ìŠeftf@fCf< fVfXfef€—p,ìfffBfXfN—e—É,ÆŽg—  
 p□ó<μ,ªCEŸ□Ø,³,è,Ü,·□BŠeftf@fCf< fVfXfef€É“Á—L,ì□î•ñ,í□AfXfe□[f^fX fCEf|□[fg,Æ,μ,Ä•\  
 Ž|,³,è,Ü,·□BfXfe□[f^fX fCEf|□[fg,í□Aftf@fCf< fVfXfef€,ÁCE©,Á,©,Á,½fGf%□[,đŽ!,μ,Ü,·□B  
 fffBfXfN,ÉfGf%□[,ª, ,é□è□#,É□A/f fXfCfbf` ,đŽg,!,í□**Achkdk** ,íCE×□□f□fbfZ□[fW,đ•\Ž!,μ,Ä□AfGf  
 %□[,đ□C•œ,μ,Ü,·□BfGf%□[,đ□C•œ, ,é,É,í□**Achkdk** ,Áfhf%□fCfu,đf□fbfN,μ,Ä,,¾,¾,¾,¾□BfGf  
 %□[,ªCE©,Á,©,Á,Ä,àfhf%□fCfu,đf□fbfN,Á,«,É,ç□è□#,í□AfGf%□[ f□fbfZ□[fW,đ•\Ž!,μ,Ü,·□BfAfNfefBfu  
 fp□[fefBfVf#“□ã,Á /f fXfCfbf` ,đŽg,!,É,ç,Á **chkdk** ,đŽÀ□s, ,é,Æ□Af{fŠf...□[f€,đf□fbfN,μ,É,ç  
 ,!,Á□**Achkdk** ,í[Z—fGf%□[,đ•ñ□□, ,é□è□#,ª, ,è,Ü,·□B

ŠefffBfXfN,Á□□Žž **chkdk** ,đŽg,Á,Ä□AfGf%□[,ì—L-³,ìCEŸ□, ,đ,“Š©,ß,μ,Ü,·□B

**f□fbfN,³,è,½fhf%□fCfu,đ□Ä<N“ @Žž,ÉCEŸ□, ,é**

CE©,Á,©,Á,½fGf%□[,đ **chkdk** ,Á□C•œ, ,é,Æ,«,É,í□Afhf%□fCfu,Áftf@fCf<,đŠ|,,±  
 ,Æ,ª,Ä,«,Ü,¹,ñ□Bftf@fCf<,ªŠ|,ç,Ä,ç,é,Æ□**Achkdk** ,íŽŸ%□ñ,ÉfRf“fsf...□[f^,đ□Ä<N“ @, ,é,Æ,«,Éfhf  
 %□fCfu,đCEŸ□, ,Á,«,é,æ,æ,æ,É,μ,Ü,·□BŽŸ%□ñ,ÉfRf“fsf...□[f^,đ□Ä<N“ @, ,é,Æ,«,Éfhf%□fCfu,đCEŸ□, ,é•ú-  
 @,đ'!,Ô,Æ□A□Ä<N“ @Žž,ÉŽ©“ @“! ,Éfhf%□fCfu,ªCEŸ□, ,³,è□AfGf%□[,ª□C•œ,³,è,Ü,·□Bfhf%□fCfu  
 fp□[fefBfVf#“ ,ª<N“ @fp□[fefBfVf#“ ,ìèè□#□**Achkdk** ,í□Afhf%□fCfu,ìCEŸ□, ,æ,ÑfGf%□[□C•œ,ªŠ@—  
 ¹, ,é,Æ□AfRf“fsf...□[f^,đ□Ä<N“ @,μ,Ü,·□B

**FAT fffBfXfN,đCEŸ□, ,é**

FAT fffBfXfN,ÉŠÖ, ,é **chkdk** ,ìfXfe□[f^fX fCEf|□[fg,í□AZŸ,ìCE`Ž @,Á•\Ž!,³,è,Ü,·□B  
 f{fŠf...□[f€ fVfŠfAf<“Ô□†,í B1AF-AFBF ,Á,·

- 72214528 fofCfG ‘SfffBfXfN—ì^æ
- 73728 fofCfG 3 CEÁ,ì%□B,μftf@fCf<
- 30720 fofCfG 12 CEÁ,ìfffBfCEfNfgfŠ
- 11493376 fofCfG 386 CEÁ,ìft□[fU□[ ftf@fCf<
- 61440 fofCfG •s—ÇfZfNf^
- 60555264 fofCfG Žg—p%□Á“\fffBfXfN—ì^æ
- 2048 fofCfG fAf□fP□[fVf#“ ftfjfbfg fTfCfY
- 35261 ‘SfAf□fP□[fVf#“ ftfjfbfg fTfCfY
- 29568 Žg—p%□Á“\fAf□fP□[fVf#“ ftfjfbfg

**NTFS fffBfXfN,đCEŸ□, ,é**

NTFS fffBfXfN,ÉŠÖ, ,é **chkdk** ,ìfXfe□[f^fX fCEf|□[fg,í□AZŸ,ìCE`Ž @,Á•\Ž!,³,è,Ü,·□B  
 ftf@fCf< fVfXfef€,ìŽ!—p,í NTFS ,Á,·

CHKDSK ,ìftf@fCf<,đCEŸ□, ,μ,Ä,ç,Ü,·...  
 ftf@fCf<,ìCEŸ□, ,đŠ@—¹,μ,Ü,μ,½.  
 CHKDSK ,ìfCf“fffbfNfX,đCEŸ□, ,μ,Ä,ç,Ü,·...  
 fCf“fffbfNfX,ìCEŸ□, ,đŠ@—¹,μ,Ü,μ,½.  
 CHKDSK ,ìfZfLf...fŠfefB<L□qŽq,đCEŸ□, ,μ,Ä,ç,Ü,·...  
 fZfLf...fŠfefB<L□qŽq,ìCEŸ□, ,đŠ@—¹,μ,Ü,μ,½.

12372 fLf□fofCfG ‘SfffBfXfN—ì^æ

- 3 fLf□fofCfg 1 CEĀ,ĭft□fU□[ ftf@fCf<
- 2 fLf□fofCfg 1 CEĀ,ĭfCf“fffbfNfX
- 4217 fLf□fofCfg fVfXfef€„ĀŽg—p’t
- 8150 fLf□fofCfg Žg—p%oĀ“\fffbfXfN—ĭ^æ
- 512 fofCfg fAf□fP□[fVf#f“ ftfjfbfg fTfCY
- 24745 ‘SfAf□fP□[fVf#f“ ftfjfbfg
- 16301 Žg—p%oĀ“\fAf□fP□[fVf#f“ ftfjfbfg

**fffbfXfN fGf%o□[,đ□C•œ,•,é**

**chkdsk** fRf}f“fh,đŽĀ□s,•,é,Ā□A/f fXfCfbf`,đŽw`è,μ,½□é□#„É,¼,~□AfffBfXfN fGf %o□[,ā`ù□³,³,é,Ü,•□B`è”É,É□A□C•œ,•,é,ĀfffbfXfN,ĭftf@fCf< fAf□fP□[fVf#f“ fe□[fuf<,ā•ĭ□X,³,é□A,Ā,«„É,ĭff□[f^,āŽ,ĭ,é,é,±,Ā,ā, ,é,ĭ,Ā□**Achkdsk** ,đŽĀ□s,•,é,Ā□Ā%o„ÉŽŸ,ĭ,æ,π ,ÉŠm”Ff□fbfZ□[fW,ā•\Ž!,³,é,Ü,•□B

10 CEĀ,ĭ”j’fAf□fP□[fVf#f“ ftfjfbfg,ā 3 f`fF□[f“,ÉCE©,Ā,©,è,Ü,μ,½.

”j’f`fF□[f“,đftf@fCf<,É•ĭŠ,μ,Ü,•,© ?

**Y** fL□[,đ%Ÿ,•,Ā□AŽ,ĭ,é,½Šef`fF□[f“,ĭ□AFIEnnnn.CHK CE`Ž@,ĭ-¼’O,ā•t,ç,½ftf@fCf<,Ā,μ,Ā□Af<□[fg fffBfCfNfgJŠ,É•Ü’Ÿ,³,é,Ü,•□**chkdsk** ,āŠ@—ĭ,μ,½,ç□A,±,é,ç,ĭftf@fCf<,đŠm”F,μ,Ā□A•K— v,Ēff□[f^,ā”ü,Ā,Ā,ç,é,©,Ç,π,©,đ’²,x,é,±,Ā,ā,Ā,«„Ü,•□**BN** fL□[,đ

%oŸ,•,Ā□AfffBfXfN,ĭ□C•œ,³,é,Ü,•,ā□AŽ,ĭ,é,½fAf□fP□[fVf#f“ ftfjfbfg,ĭ“à—e,ĭ•Ü’Ÿ,³,é,Ü,ĭ,ñ□B

**/f** fXfCfbf`,đŽg,ĭ,É,~,é,ĭ□Aftf@fCf<,đ□C•œ,•,é•K—v,ā, ,é,ĭ,ÉfGf%o□[,ā□C•œ,³,é,É,ç□é□#„É□**Achkdsk** ,É,æ,èCEx□□f□fbfZ□[fW,ā•\Ž!,³,é,Ü,•□B

”ñ□[,É’ā—e—É,ĭfffbfXfN (,½,Ā,ĭ,ĭ 70GB)□A,Ü,½,ĭ”ñ□[,Éftf@fCf<□”,ĭ’½,çfffbfXfN (,½,Ā,ĭ,ĭ□”•S-œftf@fCf<),Ā **chkdsk /f** ,đŽĀ□s,•,é,Ā□**Achkdsk** ,ā□[—ĭ,•,é,Ü,Ā,É’,çŽžŠÔ (□”“úŠÔ) ,ā,©,©,Ā,Ā,μ,Ü,π,± ,Ā,ā, ,è,Ü,•□**chkdsk** ,đ”r’t,Ā’tŽ~,•,é,±,Ā,Ā,«„É,ç,ĭ,Ā□A□[—ĭ,•,é,Ü,ĀfRf”fsf...□[f^,đ—~—p,Ā,«„É,- ,É,è,Ü,•□B

**ŠJ,©,é,Ā,ç,éftf@fCf<,Ā chkdsk ,đŽg,π**

**/f** fXfCfbf`,đŽw`è,•,é,Ā□AŠJ,ç,Ā,ç,éftf@fCf<,āfffbfXfN,ĀCE©,Ā,©,Ā,½□é□#„É□**Achkdsk** ,É,æ,èfGf %o□[,ā•\Ž!,³,é,Ü,•□**B/f** fXfCfbf`,đŽw`è,μ,È,ç□é□#„É□AŠJ,ç,Ā,ç,éftf@fCf<,ā, ,é,Ā□**Achkdsk** ,É,æ,èfffbfXfN,ĀŽ,ĭ,é,½fAf□fP□[fVf#f“ ftfjfbfg,āfCf□[fg,³,é,é,±,Ā,ā, ,è,Ü,•□B,±,ĭ□ó’Ô,ā”□Ÿ,•,é,ĭ,ĭ□AŠJ,ç ,Ā,ç,éftf@fCf<,ā,Ü,¼ftf@fCf< fAf□fP□[fVf#f“ fe□[fuf<,É<L~^,³,é,Ā,ç,É,ç□é□#„Ā,•□**chkdsk** ,Ā’½□”\fAf□fP□[fVf#f“ ftfjfbfg,ĭ’½Ž,āfCf□[fg,³,é,é□é□#„ĭ□AfffBfXfN,ĭ□C•œ,đCEŸ“ç,μ,Ā,,¼,³,ç□B

**•”—□fffbfXfN fGf%o□[**

ftf@fCf< fVfXfef€„ĭ•”—□fffbfXfN fGf%o□[,đCEŸ□ō,•,é,É,ĭ□A/r fXfCfbf`,đŽg,ç,Ü,•□B•”— □”ĭ,É’¹□□,đŽó,~,½ftf@fCf<,đ%oñ•œ,³,ĭ,é•û-@,É,Ā,ç,Ā,ĭ□**Arecover** fRf}f“fh,đŽQ□Ā,μ,Ā,,¼,³,ç□B

**•s—CfffbfXfN fZfNf^**

**chkdsk** ,ĀfCf□[fg,³,é,é•s—CfZfNf^,ĭ□AftfH□[f}fbfg,ĭ,Ā,«„É “Žg—p•s%oĀ” ,đŽ!,^ó,ā•t,~,ç,é,½,à,ĭ,Ā,•□B,»„ĭ,Ü,©,ĭ•”•ā,ĭ-â`è, ,è,Ü,ĭ,ñ□B

**□[—½fR□[fh**

- 0 fGf %o□[,ĭCEŸ□o,³,é,Ü,ĭ,ñ,Ā,μ,½□ B
- 1 fGf %o□[,āCEŸ□o,³,é□A□C•œ,³,é, Ü,μ,½□B



2 /f fXfCfbf` ,aŽw'è,³,ê,Ä,ç  
,È,©,Á,½,ì,ÂAfffBfXfN,ðf` fF  
fbfN,Â,«,È,©,Á,½,©AfGf  
%o[] ,ð[]C•œ,Â,«,È,©,Á,½,©  
[]A,Ü,½,ífGf  
%o[] ,í[]C•œ,³,ê,Ü,¹,ñ,Â,µ,½[]  
B

Chkdsk ,ÉŠÖ,·,é[]Ú[]×[]î•ñ  
█ Chkdsk--—á  
█ Chkdsk

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Chkdsk---á**

fhf%ofCfu D ,ìffBfXfN,ðCEÿ, ,µ,ÄA"CE©,³,ê,½fGf%o[ ,ð Windows NT  
,ÉC•œ,³,¹,éê±,íAZÿ,ìfRf}f"fh,ð"ü—í,µ,Ü,·B

**chkdsk d: /f**

fGf%o[ ,ªCE© ,Á,© ,é,ÆA**chkdsk** ,ª^èžž'âž~ ,µ,ÄAf[]fbfZ[]fW,ª•\Ž!,³,ê,Ü,·B**chkdsk**  
,íAfffBfXfN,ìó'Ô,ðŽ!,·fCEf|[]fg,ð•\Ž!,µ,Š@—¹,µ,Ü,·B,Ü,½AZw'è,µ,½fhf%ofCfu,Áftf@fCf<,ðŠJ,,±  
,Æ,í,Á,«,Ü,¹,ñB

FAT fffBfXfN,ÄA«»Y,ìffBfCEfNfgfŠ,ì,·,x,Ä,ìftf@fCf<,ÉŠÖ,µ,ÄA~A'±,µ,Ä,ç,È,çfuf[]fbfN,ì—L-  
³,ðŠm"F,·,é,É,íAZÿ,ì,æ,æ,É"ü—í,µ,Ü,·B

**chkdsk \*,\***

**chkdsk** ,É,æ,èXfe[]f^fX fCEf|[]fg,ª•\Ž!,³,êA~A'±,µ,Ä,ç,È,çfuf[]fbfN,ðŽ,Áftf@fCf<Žd—  
l,É^è'v,·,éftf@fCf<,ª^è—•\Ž!,³,ê,Ü,·B

Chkdsk ,ÉŠÖ,·,éÚ×[]î•ñ

Chkdsk--'

Chkdsk

A	B	C	D	E	F	G	H	I	J	K	L	M	その他
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	

**Cls**

%œ-Ê,ðÁ<Ž,μ,Û,·B

Á<Ž,<sup>3</sup>ê,<sup>1/2</sup>%œ-Ê,É,íAfRf}f“fh fvff“fvfg,Æfj[f<,¾,¯,ð•\Ž!,μ,Û,·B

**cls**



### Cmd

Windows NT ,lfRf}f“fh fCf“f^fvfŠf^ACMD.EXE ,lV,μ,cfCf“fXf^f“fX,đŠJŽn,μ,Ü,·B  
 fRf}f“fh fCf“f^fvfŠf^,Æ,íAfRf}f“fh,đ“ü—í,·,é,½,β,lfRf}f“fh fvf“fvfjg,đo,·fvf“Of%€,ì,±  
 ,Æ,Ä,·B[V,μ,cfRf}f“fh fCf“f^fvfŠf^,đ’âŽ~ ,μ,ÄA\$CEä,ðCE³,lfRf}f“fh fCf“f^fvfŠf^,É-β,·,É,íAexit  
 fRf}f“fh,đŽg,ç,Ü,·B

**cmd [/x | /y] [/a | /u] [/q] [/t:fg] [ [/c | /k] •¶Žš—ñ]**

**fpf%of[]f^**

**/c**

•¶Žš—ñ,ÄŽw’è,μ,½fRf}f“fh,đŽÀs,μ,½, ,ÆACMD.EXE ,í’âŽ~ ,μ,Ü,·B

**/k**

•¶Žš—ñ,ÄŽw’è,μ,½fRf}f“fh,đŽÀs,μ,½, ,ÆACMD.EXE ,í[]—¹,μ,Ü,¹,ñB

**/q**

fGfR[],đflft,É,μ,Ü,·B

**/a**

“à•”fRf}f“fh,ì[]o—íCE<%oÊ,đ ANSI ,ÅpfCfv,Ü,½,íftf@fCf<,É[]o—í,μ,Ü,·B

**/u**

“à•”fRf}f“fh,ì[]o—íCE<%oÊ,đ Unicode ,ÅpfCfv,Ü,½,íftf@fCf<,É[]o—í,μ,Ü,·B

**/t:fg**

‘OCEi[]F,“ ,æ,Ñ”wCEi[]F,đ[]Ý’è,μ,Ü,· ([]Ú[]x,É,Ä,ç,Ä,í[]Acolor fRf}f“fh,đŽQ[]Æ,μ,Ä,,¾,³,ç)[]B

**/x**

fVfF< fvf[]Of%of~f“fOŠÂ«« ,đ’ñ<ÿ,·,é Windows NT fo[]fWf#f“,ì CMD.EXE ,ìŠg’£<@“\,đ—  
 LCEø,É,μ,Ü,·BŠg’£<@“\,í[]AZÿ,lfRf}f“fh,ÄŽg—p,Å,« ,Ü,·Bdel (erase)[]Acolor[]Acd (chdir)[]Amd  
 (mkdir)[]Aprompt[]Apushd[]Apopd[]Aset[]Asetlocal[]Aendlocal[]Aif[]Afor[]Acall[]Ashift[]Agoto[]A  
 start[]Aassoc[]A,“ ,æ,Ñ ftype[]B[]Ú[]x,É,Ä,ç,Ä,í[]AŠefRf}f“fh,lfwf<fv,đŽQ[]Æ,μ,Ä,,¾,³,ç[]B

**/y**

Windows NT fo[]fWf#f“,ì CMD.EXE ,ìŠg’£<@“\,đ-³CEø,É,μ,Ü,·BCEÝŠ·[]« ,đ^ÚŽ[],·,é[]ê[]‡,ÉŽg,ç  
 ,Ü,·BŠù’è,ì[]Ý’è,Ä,í[]AŠg’£<@“\,í—LCEø,Ä,·B

•¶Žš—ñ

ŽÀs,·,éRf}f“fh,đŽw’è,μ,Ü,·B



## Codepage

MS OS/2 ftfuVfXfef€,ÉŽg,í,ê,éfR[fh fy[fW,đ'í'đ,μ,Ü,·□B,±,ìfRf}f“fh,đŽg,α,É,í□AC:\CONFIG.SYS  
ftf@fCf<,É“ü,ê,Ü,·□B

**codepage**=xxx[,yyy]

**fpf%of**□□**f^**

xxx

fvf%ofCf}fŠ fR□[fh fy□[fW,đŽw'è,μ,Ü,·□B,±,ê,í□AŽŸ,ÉŽ!,· 3 CE...,ì”Ô□†,Å,È,¯,ê,Î,È,è,Ü,<sup>1</sup>,ñ□B

- 437 fAf□fŠfj
- 850 '½CE¾CEè (f%ofef“ I)
- 852 fXf%ofu (f%ofef“ II)
- 855 fLfŠf< (f□fVfA)
- 857 fgf<fR
- 860 f|f<fgfKf<
- 861 fAfCfXf%of“fh
- 863 fjfif\_ ftf%of“fX
- 865 fmf<fffBfbfN
- 866 f□fVfA
- 869 <ß'ãfMfŠfVff

yyy

,±,ìfpf%of□□f^,í□AOS/2 fTfufVfXfef€,Å,íŽg,ç,Ü,<sup>1</sup>,ñ□Bfo□[fWf#“ 1.3 ^È'O,ì MS OS/2  
,©,ç,ìftf@fCf<,Æ,ìCEŸŠ·□«,đŠm•Ü,·,é,½,ß,É,¾,¯—p^Ó,<sup>3</sup>,ê,Ä,ç,Ü,·□B

Codepage ,ÉŠÖ,·,é□Ú□×□î•ñ



Codepage--'□



Codepage---á



### Codepage--'□

**codepage**□**Akeyboard**□A,¨,æ,Ñ **country** ,í□A'ŠCEÝ,ÉŠÖ~A,μ,Ä,ç,Ü,·□BfR□[fh fy□[fW,Æ,í□A%œ-É□A^ó□ü□A,¨,æ,Ñ,Ü,©,ì□o—ífffofCfX,Ö,ì'—□M,É□AfVfXfef€ ,Ä—~—p,Ä,«,é•¶Žš,ì□W□‡,ì,±,Æ,Ä,·□BfL□[f{□[fh"z'u,É,æ,è□A,Ç,ì•¶ŽšfZfbfg,©,ç,ì•¶Žš,ª,Ç,ìfL□[ '€□ì,É'í%ž,·,é,©,ðfVfXfef€ ,ÉŽwŽì,μ,Ü,·□B,±,ì'í%žŠÖCEW,í□A□',²,Æ,É^Ü,È,é,±,Æ,ª, ,è,Ü,·□BCE»□Ý□ì<Æ't,ì□' (.Ü,½,í□AfVfXfef€ ,ðfZfbfgfAfbfv,μ,½,ç□') ,É,æ,Á,Ä□A,Ç,ì 2 ,Ä,ìfR□[fh fy□[fW,ðŽg,ª, x,«,©,ªCE^ ,Ü,è,Ü,· (fj"fgfŠ fR□[fh,Æ,»,é,É'í%ž,·,éfR□[fh fy□[fW,ì^è—,É,Ä,ç,Ä,í□A**country** fRf}f"fh,ðŽQ□Æ,μ,Ä,,¾,¾,ç)□BfR□[fh fy□[fW,ð•ì□X,μ,È,,Ä,à□AfL□[f{□[fh"z'u,ð•ì□X,Ä,«,Ü,·□BŽÿ,É□A—~—p,Ä,«,éfR□[fh fy□[fW,ðŽì,μ,Ü,·□B

- 437 fAf□fŠfj
- 850 '½CE¾CEè (f%ofef" I)
- 852 fXf%ofu (f%ofef" II)
- 855 fLfŠf< (f□fVfA)
- 857 fgf<fR
- 860 f|f<fgfKf<
- 861 fAfCfXf%of"fh
- 863 fjfif\_ ftf%of"fxCEè
- 865 fmf<fffBfbfN
- 866 f□fVfA
- 869 <ß'äfMfŠfVff

fR□[fh fy□[fW,ðŽg,ª,½,ß,ÉfL□[f{□[fh,Ü,½,í%œ-É,ðfZfbfgfAfbfv,·,é□è□‡,í□A**devinfo** fRf}f"fh,ðŽg,Á,Ä□o—ífffofCfX,ÄŽg,ªfR□[fh fy□[fW,àŽw'è,μ,Ä,,¾,¾,ç)□B□Ú□x,É,Ä,ç,Ä,í□A**devinfo** fRf}f"fh,ðŽQ□Æ,μ,Ä,,¾,¾,ç)□B

Codepage ,ÉŠÖ,·,é□Ú□x□î•ñ



Codepage---á



Codepage



**Codepage---**

fR[]fh fy[]fW 437 ,Æ 850 ,đŽg,æ,æ,É MS OS/2 fTfufVfXfef€,đfZfbfgfAfbfv, ,é,É,íAŽŸ,ìs,đ C:\  
CONFIG.SYS ftj@fCf<,É<L[]q,μ,È, ,ê,î,È,è,Û,¹,ñ[]B

**codepage=437,850**

Codepage ,ÉŠÖ, ,é[]Ú[]x[]î•ñ

Codepage--'

Codepage



**Color**

fRf“f∧[f<[f<,lšù’è,ì’OCEi□F,“,æ,Ñ”wCEi□F,đ□Ý’è,μ,Û,·□B

**color** bf

**fpf%o**f□□[f^

bf

fRf“f∧[f<□o—í,ì□F,ì’@□«,đŽw’è,μ,Û,·□B16 □i□”,Å□Ab ,í”wCEi□F,ì□”’l□Af ,í’OCEi□F,ì□”’l,Å,·□B16 □i□”,í□AZŸ,ì’l,É’í%ož,μ,Û,·□B

0 □•

1 □Â

2 —î

3 □...□F

4 □Ô

5 Ž†

6 %o©□F

7 ”

8 ŠD□F

9 -¾,é,¢□Â

A -¾,é,¢—î

B -¾,é,¢□...□F

C -¾,é,¢□Ô

D -¾,é,¢Ž†

E -¾,é,¢%o©□F

F <P,”

,½,Æ,ì,î□A**color fc** ,í□A<P,””,ì□ă,É-¾,é,¢□Ô,đ•\Žì,μ,Û,·□B

^ø□”,đŽw’è,¹,,É,±,ìfRf}f“fh,đŽÀ□s,·,é,Æ□ACMD.EXE ,â<N“® ,³,ê,½,Æ,«,ì□F,â•œCE³,³,ê,Û,·□B

‘OCEi□F,“,æ,Ñ”wCEi□F,É“- ,¶’l,đŽw’è,·,é,Æ□A**color** ,í□AERRORLEVEL ,đ 1 ,É□Ý’è,μ,Û,·□B





### Comp

2 ,Á, ĺftf@fCf<, ĺ"à—e□A, Ü, ½, Í•; □" , ĺftf@fCf<, ĺ"à—e, ð 1 fofCf<g, , , Á" äŠr, μ, Ü, ·□B

**comp** , ðŽÀ□s, μ, Ä□A" ~ , ĺfhf%ofCfu, Ü, ½, Í•É, ĺfhf %ofCfu□A" ~ , ĺfffBfCEfNfgfŠ, Ü, ½, Í•É, ĺfffBfCEfNfgfŠ, ĺftf@fCf< "Žm, ð" äŠr, Á, «, Ü, ·□B **comp** , ĺŽÀ□s' t, É" äŠr, μ, Ä, ç, éftf@fCf<, ĺ□é□Š, Æftf@fCf<-¼, ð•Ž! , μ, Ü, ·□B

**comp** [ff□[f^ 1] [ff□[f^ 2] [/d] [/a] [/l] [/n=□"Žš] [/c]

**fpf%of□□[f^**

ff□[f^ 1

"äŠr, ĺ'í□Ü, Æ, È, é'æ 1 , ĺftf@fCf<, Ü, ½, Í•; □" , ĺftf@fCf<, ĺ□é□Š, Æ-¼'O, ðŽw'è, μ, Ü, ·□B f□fCf<fhfj□[fh (\* , â ?) , ðŽg, π, Æ□A•; □" , ĺftf@fCf<, ðŽw'è, Á, «, Ü, ·□B

ff□[f^ 2

"äŠr, ĺ'í□Ü, Æ, È, é'æ 2 , ĺftf@fCf<, Ü, ½, Í•; □" , ĺftf@fCf<, ĺ□é□Š, Æ-¼'O, ðŽw'è, μ, Ü, ·□B f□fCf<fhfj□[fh (\* , â ?) , ðŽg, π, Æ□A•; □" , ĺftf@fCf<, ðŽw'è, Á, «, Ü, ·□B

**/d**

^ á, ç, ð 10 □iE` Ž® , Á•Ž! , μ, Ü, ·□B

**/a**

^ á, ç, ð•ĺŽš, Æ, μ, Ä•Ž! , μ, Ü, ·□B

**/l**

^ á, ç, æ"□ĺ , , é%ó□Š, ðfofCf<g flftfZfbfg, Á, Í, È, □A□s, ĺ"Ô□t, Á•Ž! , μ, Ü, ·□B

**/n=□"Žš**

—¼•ü, ĺftf@fCf<, ĺftfCfY, æ^Ü, È, é□é□ž, Á, à□A, » , è, ¼, è, ĺ□s, ĺ□Á□%o, ĺŽw'è□"□s, ð" äŠr, μ, Ü, ·□B

**/c**

'á•ĺŽš, Æ□¬•ĺŽš, ð<æ•É, ¹, , , É" äŠr, μ, Ü, ·□B

ŠÖ~A□€-Ú

Diskcomp

Fc

Comp , ÉŠÖ, , , é□Ú□×□î•ñ

Comp--'□

Comp---á



**Comp--'**

**" , 1-1/4 'O, lftf@fCf<, ð" äŠr, , é**

• Ê, lfffBfCEfNfgfŠ, Ü, 1/2, í • Ê, lfhf%o fCfu, É, , é, í □ " , lftf@fCf<-1/4, í • í □ " , lftf@fCf<, ð" äŠr, Å, «, Ü, □ Bff □ f ^ 2 , lftf@fCf<-1/4, ðŽw'è, µ, Ê, , é, í □ Aff □ f ^ 2 , lšù'è, lftf@fCf<-1/4, í ff □ f ^ 1 , lftf@fCf<-1/4, Æ " , 1, É, È, è, Ü, □ Bff □ fCf<fhfj □ fh (\* , â ?) , ðŽg, Å, Åftf@fCf<-1/4, ðŽw'è, Å, «, Ü, □ B

**ff □ f ^ 1 , Æ ff □ f ^ 2 , í " ÁŽ è f P □ f X**

ff □ f ^ 1 , Ü, 1/2, í ff □ f ^ 2 , É • K—v, È " à—e, ð □ È—ª, , é, © □ A, Ü, 1/2, lfff □ f ^ 2 , ð □ È—ª, , é, Æ □ ACE †—Ž, µ, Å, ç , é □ í • ñ, ð " ü—í, , é, æ, x, É < □ , ß, é □ fbfZ □ fW, ª • \Ž! , º, é, Ü, □ Bff □ f ^ 1 , Éfhf%o fCfu-1/4, Ü, 1/2, lfffBfCEfNfgfŠ-1/4, 3/4, , ª " ü, Å, Å, , è □ Aftf@fCf<-1/4, ª " ü, Å, Å, ç, È, , é, í □ AŽw'è, µ, 1/2 fffBfCEfNfgfŠ, í, , x, Å, lftf@fCf<, ª □ Aff □ f ^ 2 , ÅŽw'è, µ, 1/2 ftf@fCf<, Æ " äŠr, º, é, Ü, □ Bff □ f ^ 2 , Éfhf%o fCfu-1/4, Ü, 1/2, lfffBfCEfNfgfŠ-1/4, µ, © " ü, Å, Å, ç , È, , é, í □ Aff □ f ^ 2 , lšù'è, lftf@fCf<-1/4, í ff □ f ^ 1 , lftf@fCf<-1/4, Æ " , 1, É, È, è, Ü, □ B

**comp fRf} f " fh, í ê 'v, µ, È, ç □ í • ñ, ð, Ç, Ì, æ, x, ÉŽ " • Ê, , é, ©**

" äŠr 't, É □ Acomp , É, æ, è 2 , Å, lftf@fCf<, Å ^ ê 'v, µ, È, ç □ í • ñ, í □ è □ Š, ðŽ " • Ê, , é □ fbfZ □ fW, ª • \Ž! , º, é, Ü, □ Bšef □ fbfZ □ fW, í □ A " " , µ, , È, ç □ fCf, lftfZf, fbf □ f, Š fAfhfCEfX □ A, , æ, Ń □ fCf, Ž " í, Ì " à—e, ðŽ! , µ, Ü, ( /a , Ü, 1/2, í /d fXfCfbf , ðŽw'è, µ, È, , é, í □ A16 □ í • \L, Å • \Ž! , º, é, Ü, ) □ Bff □ fbfZ □ fW, lžŸ, í CE " Ž ® , Å • \Ž! , º, é, Ü, □ B

OFFSET xxxxxxxx , Å " äŠrfGf% □ [ , ª , , è, Ü, ,  
file1 = xx  
file2 = xx

" äŠr, É, æ, è ^ ê 'v, µ, È, ç □ í • ñ, ª 10 CE Â CE © , Å, © , é, Æ □ Acomp , É, æ, è ftf@fCf<, l " äŠr, ª " äŽ ~ , º, éŽŸ, lf □ fbfZ □ fW, ª • \Ž! , º, é, Ü, □ B  
• s ^ ê 'v, í □ " , ª 10 CE Â, É 'B, µ, Ü, µ, 1/2 - " äŠr, ð □ — 1, µ, Ü, .

**ftfCfY, í ù, È, éftf@fCf<, ð" äŠr, , é**

/n fXfCfbf , ðŽw'è, µ, È, , é, í □ AftfCfY, í ù, È, éftf@fCf<, ð" äŠr, , é, ± , Æ, í, Å, «, Ü, 1, ñ □ Bftf@fCf<, lftfCfY, ª " Ü, È, é □ è □ †, í □ Acomp , É, æ, è ŽŸ, lf □ fbfZ □ fW, ª • \Ž! , º, é, Ü, □ B  
ftf@fCf<, lftfCfY, ª ^ á, ç, Ü, ,  
• Ü, ©, lftf@fCf<, ð" äŠr, µ, Ü, , © (Y/N)?

Y fL □ [ , ð% Ÿ, , Æ □ A • Ê, í, lftf@fCf<, ª " äŠr, º, é, Ü, □ BN fL □ [ , ð% Ÿ, , Æ □ Acomp fRf} f " fh, ª " äŽ ~ , µ, Ü, □ B  
fvf □ f " fvf, É% Ÿ " š, µ, Å Y fL □ □ AN fL □ [ , ð% Ÿ, , © □ A, Ü, 1/2, lRf} f " fh, ð □ Å, Ń " ü—í, , é, Ü, Å □ AfRf} f " fh f %o fCf " , ÅŽw'è, µ, 1/2 fXfCfbf , ª comp , É, æ, è, , x, Å, í " äŠr, É 'g, Ÿ □ ž, Ü, è, Ü, □ B  
ftfCfY, í ù, È, éftf@fCf<, ð" äŠr, , é □ è □ †, í □ A/n fXfCfbf , ðŽg, Å, Åšeftf@fCf<, í □ Å □ %o, l " • ª , 3/4, , ð" äŠr, µ, Ü, □ B

**ftf@fCf<, ð " A' ± , µ, Å " äŠr, , é**

f □ fCf<fhfj □ fh, ðŽg, Å, Å • ; □ " , lftf@fCf<, ðŽw'è, , é, Æ □ Acomp , É, æ, è ff □ f ^ 1 , É ^ ê 'v, , é □ Å □ %o , lftf@fCf<, ª CE Ÿ □ ð, º, é □ Aff □ f ^ 2 , É 'í %o ž, , éftf@fCf<, ª " í □ Ÿ, , é □ è □ †, í □ A, » , lftf@fCf<, Æ " äŠr, º, é, Ü, □ B " äŠr, lCE < %o Ê, ª fCEf □ f □ fg, º, é □ Aff □ f ^ 1 , É ^ ê 'v, , éftf@fCf<, Æ, É " — í, É " äŠr, º, é, Ü, □ Bcomp , ª Š © — 1, , é, Æ □ AŽŸ, lf □ fbfZ □ fW, ª • \Ž! , º, é, Ü, □ B  
• Ü, ©, lftf@fCf<, ð" äŠr, µ, Ü, , © (Y/N)?  
• º, ç, Éftf@fCf<, ð" äŠr, , é, É, í □ AY fL □ [ , ð% Ÿ, µ, Ü, □ B □ V, µ, çftf@fCf<, í □ è □ Š, Æ -1/4 'O, ð " ü—í, , é, æ, x , É < □ , ß, é □ fbfZ □ fW, ª • \Ž! , º, é, Ü, □ B " äŠr, ð " äŽ ~ , , é, É, í □ AN fL □ [ , ð% Ÿ, µ, Ü, □ BY fL □ [ , ð% Ÿ, , Æ □ AŽg, ç , 1/2, çfXfCfbf , l " ü—í, ð < □ , ß, é □ fbfZ □ fW, ª • \Ž! , º, é, Ü, □ BfXfCfbf , ðŽw'è, µ, È, , é, í □ A 'O, ÉŽw'è, µ, 1/2 fXfCfbf , ª Žg, í, è, Ü, □ B

**comp , Åftf@fCf<, ª CE © , Å, © , ç, È, ç □ è □ †**

Žw'è,μ,½ftf@fCf<,ª **comp** ,ÅŒ©,Â,©,ç,È,čĚĚ,ÍA,³,ç,Éftf@fCf<,đ"äŠr,μ,½,č,©,Ç,κ  
,©,đq,Ě,éfƒbfZƒfW,ª\Ž,³,ê,Ü,·B

Comp ,ÉŠÖ,·,éÚ×î•ň

■ Comp--á

■ Comp



### Comp---á

ffBfCfNfgfŠ C:\REPORTS ,l"à—e,đfofbfNfAfbfv fffBfCfNfgfŠ \\SALES\BACKUP\APRIL  
,Æ"äŠr,·,é,É,íAŽŸ,ì,æ,α,É"ü—í,μ,Û,·B

comp c:\reports \sales\backup\april

ffBfCfNfgfŠ \INVOICE ,lŠefefLjXfg ftf@fCf<,ìA%o,ì 10 □s,đ"äŠr,μ,ÄACE<%oÊ,đ 10 □iCE`Ž®,Å·\  
Ž,³,¹,é,É,íAŽŸ,ì,æ,α,É"ü—í,μ,Û,·B

**comp \invoice\\*.txt \invoice\backup\\*.txt /n=10 /d**

Comp ,ÉŠÖ,·,éÚ□×□î•ñ

Comp--'□

Comp



**Compact**

ftf@fCf<,âffBfCEfNfgfŠ,ì<sup>3</sup>□k□ó'Ô,ð•\Ž!,Ü,½,í•ï□X,μ,Û,·□B

**compact** [/c] [/u] [/s] [/i] [/f] [/l] ftf@fCf<-¼

**fpf**%f□□[f^

,È,μ

fpf%□□[f^,ð•t,τ,,É **compact** ,ðŽg,κ,Æ□ACE»□Ý,ìffBfCEfNfgfŠ,ì<sup>3</sup>□k□ó'Ô,ð•\Ž!,μ,Û,·□B

/c

Žw'è,<sup>3</sup>,è,½ftf@fCf<,Ü,½,ìffBfCEfNfgfŠ,ð<sup>3</sup>□k,μ,Û,·□B

/u

Žw'è,<sup>3</sup>,è,½ftf@fCf<,Ü,½,ìffBfCEfNfgfŠ,ì<sup>3</sup>□k,ð%□œ,μ,Û,·□B

/s:ffBfCEfNfgfŠ

<sup>3</sup>□k,Ü,½,ì<sup>3</sup>□k%□œ,ð□AŽw'è,<sup>3</sup>,è,½ffBfCEfNfgfŠ,Æ,»,ì,·,×,Ä,ìTfuffBfCEfNfgfŠ,É'í,μ,Ä□s,ç,Ü,·□BffBfCEfNfgfŠ,ðŽw'è,μ,È,ç,Æ□ACE»□Ý,ìffBfCEfNfgfŠ,ðŽw'è,μ,½,à,ì,ÆCE©,È,<sup>3</sup>,è,Û,·□B

/i

fGf%□□[,ð-<sup>3</sup>Ž<,μ,Û,·□B

/f

Žw'è,<sup>3</sup>,è,½ftf@fCf<,Ü,½,ìffBfCEfNfgfŠ,ð<□\$“ì,É<sup>3</sup>□k,Ü,½,ì<sup>3</sup>□k%□œ,μ,Û,·□BfVfXfef€ fNf%□bfVf...  
,È,Ç,Ä<sup>3</sup>□k□^—□,â't'f,<sup>3</sup>,è□Aftf@fCf<,â•"•â"ì,É<sup>3</sup>□k,<sup>3</sup>,è,Ä,ç,é,æ,κ,È□è□‡,ÉŽg—

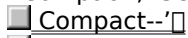
p,μ,Û,·□B•"•â"ì,É<sup>3</sup>□k,<sup>3</sup>,è,Ä,ç,éftf@fCf<,ðŠ@'S,É<sup>3</sup>□k,·,é,É,í□A/c□A/f fpf

%□□[f^,Æ,Æ,à,É,»,ìftf@fCf<,ðŽw'è,μ,Û,·□B

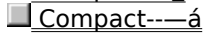
ftf@fCf<-¼

ftf@fCf<,Ü,½,ìffBfCEfNfgfŠ,ðŽw'è,μ,Û,·□B•;□",ìftf@fCf<-¼,âf□fCf<fhfj□[fh,ðŽw'è,Ä,<,Ü,·□B

Compact ,ÉŠÖ,·,é□Ú□×□î•ñ



Compact--'□



Compact---á



### Compact--'

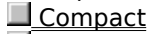
**compact** , í Windows NT , ì^3 k<@ "\, ðfRf}f"fh f%ofCf" , ©, çŽÀs, Å, «, é, æ, x, É, μ, ½, à, ì, Å ANTFS  
fp [f efBjvfj#f" ä, ìftj@fCf<, âfffBjCefNfgfŠ, ì^3 k' @ «, ð • \

Ž, Û, ½, í • í X, μ, Û, • BfffBjCefNfgfŠ, ì^3 k ó' Ö, í A, » , ìfffBjCefNfgfŠ, É^Ú " @ , ³, è, éftj@fCf<, aŽ © " @ " I, É^3 k, ³, è  
, é, ©, Ç, x, ©, ð • \, μ, Û, • BfffBjCefNfgfŠ, ð^3 k ó' Ö, É, •, é, í A, » , ìfffBjCefNfgfŠ, ÉŠù, É, , éftj@fCf<, ì^3 k ó' Ö, ð • Ì  
X, •, é • K—v, í, , è, Û, ¹, ñ B

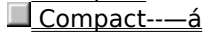
DriveSpace , Û, ½, í DoubleSpace , Å^3 k, ³, è, ½ f {fŠf... [f€

, ð " Ç, Ý Ž æ, Å, ½, è A , « ž, ñ, ¾, è A Ž æ, è • t , ½, è, •, é, ½, ß, É **compact** , ð Ž g, x, ±, Æ, í, Å, «, Û, ¹, ñ B

Compact , É Š Ö, •, é Û × ð î • ñ



Compact



Compact---á



### Compact---á

CE»Ÿ,İffBfCEfNfgfŠ,Æ,»,İ,·,×,Ä,İftfuuffBfCEfNfgfŠ,É, ,éftf@fCf<,đ^³k,μA^³k'@«,đCE»Ÿ,İffBfCEfNfgfŠ,Æ,»,İ,·,×,Ä,İftfuuffBfCEfNfgfŠ,É'İ,μ,ÄŸ'è,·,é,É,İAŽŸ,İ,æ,ɤ,É"ü—İ,μ,Û,·B

compact /c /s

\TMP fffBfCEfNfgfŠ,Æ,»,İ,·,×,Ä,İftfuuffBfCEfNfgfŠ,É, ,éŠg'£Žq .BMP ,İftf@fCf<,đ,·,×,Ä^³k,·,é,ªA,± ,é,ç,İffBfCEfNfgfŠ,İ^³k'@«,İ•İX,μ,È,ç,æ,ɤ,É,·,é,É,İAŽŸ,İ,æ,ɤ,É"ü—İ,μ,Û,·B

compact /c /s:\tmp \*.bmp

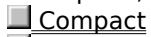
fVfXfef€ fNf%ofbfVf...ŽŽ,É••ª"İ,É,μ,©^³k,³,è,Ä,ç,È,çftf@fCf< ZEBRA.BMP ,đŠ@'S,É^³k,·,é,É,İAŽŸ,İ,æ,ɤ,É"ü—İ,μ,Û,·B

compact /c /f zebra.bmp

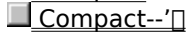
C:\TMP fffBfCEfNfgfŠ,İ^³k'@«,đ%đœ,·,é,ªA,»,İffBfCEfNfgfŠ"à,İftf@fCf<,İ^³kó'Ô,İ,Û,Á,½,- •İX,μ,È,ç,æ,ɤ,É,·,é,É,İAŽŸ,İ,æ,ɤ,É"ü—İ,μ,Û,·B

compact /u c:\tmp

Compact ,ÉŠÖ,·,éÛxî•ñ



Compact



Compact--'B



### Convert

FAT f{fŠf... [f€ ,đ NTFS ,É•İŠ ,μ,Ü ,·BCE»Y ,lfhf%ofCfu ,)•İŠ ,í,Å ,« ,Ü ,<sup>1</sup> ,ñ Bconvert ,Åfhf %ofCfu ,<sup>2</sup> fbfN ,<sup>3</sup> ,é ,È ,ç ê ÷ ,í AŽŸ%ñ ,ÉfRf“fsf... [f^ ,đ ÅN“® , ,é ,Æ ,« ,É•İŠ ,Å ,« ,Ü ,·B

**convert** [fhf%ofCfu:] /fs:ntfs [/v] [/nametable:ftf@fCf<-¼]

**fpf%of [f^**

fhf%ofCfu:

NTFS ,É•İŠ , ,é fhf%ofCfu ,đ Žw'è ,μ,Ü ,·B

**/fs:ntfs**

f{fŠf... [f€ ,đ NTFS ,É•İŠ , ,é ,± ,Æ ,đ Žw'è ,μ,Ü ,·B

**/v**

Ú×f , [fh , Å•İŠ , ,é ,± ,Æ ,đ Žw'è ,μ,Ü ,·B •İŠ 'tA , ,x ,Ä ,lfbfZ [fW ,<sup>a</sup> Ž ,<sup>3</sup> ,é ,Ü ,·B

**/nametable:ftf@fCf<-¼**

f{fŠf... [f€ -¼ •İŠ fe [fuf< ,đ i - , μ A •İŠ , ,é f{fŠf... [f€ , lf< [fg

ffBfCfNfgfŠ , ð Žw'è , μ , ½ ftf@fCf< , ÉŠi“ [ , ,é ,± ,Æ ,đ Žw'è , μ,Ü ,·B “Á^Ù , È ftf@fCf<-¼ , <sup>a</sup> t , ç , é , Ä , ç , é , ½ , ß , È ftf@fCf< , İ •İŠ , <sup>a</sup> ç “i , È ê ÷ , É A , ± , lfXfCfbf` , đ Žg—p , μ , Ä , , <sup>3</sup> /4 , <sup>3</sup> , ç B

Convert ,ÉŠÖ , ,é Ú××î•ñ

Convert--'

Convert---á





### Convert--'

<N"®Žž,ÉŽ©"®•İš,ž,"s,,:éé#AfCxf"fg frf...[fA,ÅA•\Ž!,,:éfO,đfAfvfŠfP[fVf+f",É,μ,Ä,"«A•\ Ž!,<sup>3</sup>,é,éfCxf"fg^ê—,©,ç WINLOGON ,đf\_fuf<fNfŠfbfN,μ,ÄA,»ìÚ×,đŽQÆ,μ,Ä,-  
<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,çBfAfvfŠfP[fVf+f" fO,íA•İš,ž,"s,μ,<sup>1</sup>/<sub>2</sub>CE'ö,đ^ê—•\Ž!,μ,Ü,·B"Á^Ù,Éftf@fCf<-  
<sup>1</sup>/<sub>4</sub>,<sup>a</sup>•t,\_,ç,é,Ä,ç,é,<sup>1</sup>/<sub>2</sub>,B,Éftf@fCf<,ì•İš,ç"i,Éé#É,íA/**nametable** fXfCfbf` ,đŽg,ç **convert**  
 fRf}f"fh,đÄ"s,μ,ÄAZ©"®•İš,đŽŽ,μ,Ä,Ý,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,çBŽ©"®•İš,†,ÉAfvfXfef€,í **convert** ,<sup>a</sup>i-,μ,<sup>1</sup>/<sub>2</sub>-  
<sup>1</sup>/<sub>4</sub>'Ofe[fuf<,đŽQÆ,μ,Ü,·B

Convert ,ÉŠÖ,,:éÚ×î•ň



Convert



Convert---á



**Convert---**

fhf%ofCfu E ,lf{fŠf...[f€ ,đ•İŠ ,μ,Ä , , x,Ä ,lf[]bfz[][fW ,đ•\Ž! , , é,É ,í[]AŽŸ ,ì ,æ ,x ,É“ü—í ,μ ,Ü , ·[]B

convert e: /fs:ntfs /v

fhf%ofCfu E ,lf{fŠf...[f€ ,đ•İŠ ,μ,Ä []A•İŠ ,μ ,½f{fŠf...[f€ ,lf<[]fg fffBfCEfNfgfŠ“à ,Éf{fŠf...[f€-  
¼•İŠ·fe[][fuf< ftf@fCf< CONVFILE.LOG ,đ[]ì[]¬ , , é,É ,í[]AŽŸ ,ì ,æ ,x ,É“ü—í ,μ ,Ü , ·[]B


**convert e: /fs:ntfs /nametable:convfile.log**


Convert ,ÉŠÖ , , é[]Ú[]×[]î•ñ

Convert

Convert--'



 Copy--'□

 Copy--—á



### Copy--'

#### fffofCfX,ÉfRfs[L,μAfffofCfX,©,cfRfs[L,·,é

'—,è'x[A,Ü,½,ÍŽó,~'x (1 ,Ä,Ü,½,Í·i□") ,É,Ä,ç,Ä□AfffofCfX-¼,Ä'u,«Š,!,é,±,Æ,a,Ä,«,Ü,·□B

#### '—,è'x[A,Ü,½,ÍŽó,~'x (1 ,Ä,Ü,½,Í·i□") ,É,Ä,ç,Ä□AfffofCfX-¼,Ä'u,«Š,!,é,±,Æ,a,Ä,«,Ü,·□B

Žó,~'x,afffofCfX (,½,Æ,!,í□ACOM1 ,Ü,½,í LPT1) ,Ä, ,é,í□A/b fXfCfbf` ,ðŽw'è,·,é,Æ□Aff□[f^ ,ífofCfifŠ f,□[fh,ÄfffofCfX,ÉfRfs□[ ,³,é,Ü,·□BfofCfifŠ f,□[fh,Ä,í□A,·,x,Ä,í·¶Žš (Ctrl + C□ACtrl + S□ACtrl + Z□A,·,æ,ÑfLfffŠfbfW fŠf^□[f` ,É,ç,ì"ÁŽè·¶Žš,ðŠÜ,þ) ,íff□[f^ ,Æ,μ,ÄfffofCfX,ÉfRfs□[ ,³,é,Ü,·□B/b fXfCfbf` ,ðÉ—ª,·,é,Æ□Aff□[f^ ,í ASCII f,□[fh,ÄfffofCfX,ÉfRfs□[ ,³,é,Ü,·□BASCII f,□[fh,Ä,í□A□ä<L,ì,æ,π ,È"ÁŽè·¶Žš,É,æ,Ä,Ä□AfRfs□□—□'†,É"ÁŽè,È□—□,ªs,í,é,é,±,Æ,a, ,è,Ü,·□B

#### Šù'è,ífRfs□[□æftf@fCf<,ðŽg,π

fRfs□[□æftf@fCf<,ðŽw'è,μ,È,~ ,é,í□ACE³,íftf@fCf<,Æ"~ ,¶- ¼'0,Æ□□—"úžž,ðŽg,Ä,ÄfRfs□[ ,ª□□— ,³,é□□V,μ,çfRfs□[ ,íCE»¶Ý,ífhf %ofCfu□ä,íCE»¶Ý,ífffBfCEfNfgfŠ,É"ü,é,ç,é,Ü,·□BfRfs□[CE³ftf@fCf<,ªCE»¶Ý,ífhf %ofCfu,íCE»¶Ý,ífffBfCEfNfgfŠ,É, ,è□AfRfs□[□æftf@fCf<—p,É·É,ífhf %ofCfu,Ü,½,ífffBfCEfNfgfŠ,ðŽw'è,μ,È,~ ,é,í□Acopy fRf}f"fh,í'âž~,μ□AZŽ,íGf%□□[ f□fbfZ□[fW,ª·\ Ž!,³,é,Ü,·□B

fRfs□[ ,·,é,±,Æ,í,Ä,«,Ü,¹,ñ. 0 CEÄ,íftf@fCf<,ðfRfs□[ ,μ,Ü,μ,½.

#### /v fXfCfbf` ,ðŽg,π

Windows NT ,Ä□ ,<□ž,Ý'€□ì,ðCEÝ□ ,Ä,«,È,~ ,é,í□AfGf%□□[ f□fbfZ□[fW,ª·\Ž!,³,é,Ü,·□Bcopy fRf}f"fh,Ä,í<L~^fGf%□□[ ,í,ß,Ä,½,É"¶¶,μ,Ü,¹,ñ,ª□A/v fXfCfbf` ,ðŽg,π,ÆfNfŠfefBfjfc,Éff□[f^ ,ª□³,μ, <L~^ ,³,é,Ä,ç,é,©,ç,ç,©,ðCEÝ□ ,Ä,«,Ü,·□B,Ü,½□A/v fXfCfbf` ,ðŽw'è,·,é,Æ□AWindows NT ,ífffBfXfN,É<L~^ ,³,é,½ŠefZfNf^ ,ðCEÝ□ ,μ,È,~ ,é,í,É,ç,É,ç,ì,Ä□Acopy fRf}f"fh,í□—□'—"x,ª'á%□□,μ,Ü,·□B

#### /a , ,æ,Ñ /b fXfCfbf` ,ðŽg,π

/a ,Ü,½,í /b fXfCfbf` ,íCEø%É,í□AfRf}f"fh f%ofCf" ,í'É'u,É%□ž,¶,Ä^Ü,È,è,Ü,·□B/a ,Ü,½,í /b fXfCfbf` ,ªfRfs□[CE³ftf@fCf<-¼,íCEä,É, ,é,Æ□Acopy ,ìŽÄ□s"à—e,íŽÝ,ì,æ,π,É,È,è,Ü,·□B

/a ftf@fCf<,í ASCII (fefLxfG) ftf@fCf<,Æ,μ,Ä□—□,³,é□Aftf@fCf<,íftf@fCf<□—¹·¶Žš,ì'0,É, ,éff□[f^ ,ªfRfs□[ ,³,é,Ü,·□Bftf@fCf<□—¹·¶Žš, ,æ,Ñftf@fCf<,ìŽc,è,ì·"ª,ífRfs□[ ,³,é,Ü,¹,ñ□B

/b ftf@fCf<□—¹·¶Žš,àŠÜ,ß,Äftf@fCf<'S'ì,ªfRfs□[ ,³,é,Ü,·□B

/a ,Ü,½,í /b fXfCfbf` ,ªfRfs□[□æftf@fCf<-¼,íCEä,É, ,é,Æ□Acopy ,ìŽÄ□s"à—e,íŽÝ,ì,æ,π,É,È,è,Ü,·□B

/a ftf@fCf<,í□ÄCEä,ì·¶Žš,Æ,μ,Äftf@fCf<□—¹·¶Žš,ª'ç%□□,³,é,Ü,·□B

/b ftf@fCf<□—¹·¶Žš,í'ç%□□,³,é,Ü,¹,ñ□B

#### copy fRf}f"fh,ðŽg,Ä,Äftf@fCf<,ðCE<□†,·,é

ŠefGf"fgfŠ,ðfvf%ofX<L□† (+) ,Ä·æ□□,Ä,Ä·i□" ,í'—,è'x,ðŽw'è,·,é,Æ□Acopy ,É,æ,èftf@fCf<,ªCE<□†,³,é□A'P'è,íftf@fCf<,ª□□— ,³,é,Ü,·□B—,è'x,Äf□fCf<fhfj□[fh,ðŽg,Ä,Ä,à□AZó,~'x ,Ä'P'è,íftf@fCf<-¼,ðŽw'è,·,é,Æ□Acopy ,É,æ,è'—,è'x,íftf@fCf<-¼,É^è'v,·,é,·,x,Ä,íftf@fCf<,ªCE<□†,³,é□AZó,~'x,Äžw'è,μ,½ftf@fCf<-¼,ðŽg,Ä,Ä'P'è,íftf@fCf<,ª□□— ,³,é,Ü,·□B

,ç,ì,ç,ì□è□†,à□A/b fXfCfbf` ,ðŽw'è,μ,È,~ ,é,í□Acopy ,Ä,í□ACE<□†,³,é,½ftf@fCf<,í ASCII ftf@fCf<,Ä, ,é,Æ'z'è,³,é,Ü,·□B

#### fTfufffBfCEfNfgfŠ,íftf@fCf<,ðfRfs□[ ,·,é

fffBfCEfNfgfŠ,íftf@fCf<,ÆTfufffBfCEfNfgfŠ,ð,·,x,ÄfRfs□[ ,·,é,É,í□Acopy

fRf}f“fh,đŽg,í,È,̄,ê,Î,È,è,Û,¹,ň□B

'·,³,ªf[f□,ìftf@fCf<,đfRfs□[.,·,é

copy ,í□A'·,³,ª 0 fofCfg,ìftf@fCf<,ífRfs□[.,μ,Û,¹,ň□B,±,ê,ç,ìftf@fCf<,đfRfs□[.,·,é,É,í□Axcopy ,đŽg,ç,Û,·□B

ftf@fCf<,ìŽž□□,Æ“ú•t,đ•î□X,·,é

ftf@fCf<,đ□C□³,¹,·,ÉCE»□Ý,ìŽž□□,Æ“ú•t,đftf@fCf<,ÉŠ,,è“-,Ä,½,ç□ê□‡,í□AZÿ,ìCE`Ž®,ÅfRf}f“fh,đŽg,ç,Û,·□Bffj“f},í□AZó,´ˆfjpf%of□□[f^,đ□É—ª,·,é,±,Æ,đŽ!,μ,Û,·□B

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ŽŸ,lfRf}f"fh,ðŽÀs,·,é,ÆAftf@fCf<,æRfs[·,³,êAfrfs[·,³,ê,½ftf@fCf<,l|l,i,è,É,í·K,·ftf@fCf<|—  
¹·¶Žš,æ'Ç%Å,³,è,Ü,·B

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ftf@fCf< ROBIN.TYP ,ðACE»Ý,lfhf%ofCfu,·,æ,ÑffBfCfNfgfš,©,çAfhf%ofCfu C ,lšù'¶,lfffBfCfNfgfš  
BIRDS ,ÉfRfs[·,·,é,É,íAZŽ,lfRf}f"fh,ð"ü—í,µ,Ü,·B

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BIRDS fffBfCfNfgfš,æ'¶Ý,µ,È,·,è,íAftf@fCf< ROBIN.TYP ,íAfhf%ofCfu C ,lfffBfCfN,lf<[fg  
fffBfCfNfgfš,É,·,éftf@fCf< BIRDS ,ÉfRfs[·,³,è,Ü,·B

·;|",lftf@fCf<,ð'P^è,lftf@fCf<,ÉfRfs[·,·,é,É,íAcopy fRf}f"fh f%ofCf",ÁA'—,è'æpf  
%of[·,·,æ,µ,Ä"C^Ó,í|",lftf@fCf<,ð·;|""Žw'è,Á,«,Ü,·BŽŸ,ì—á,ì,æ,æ,ÉAftf@fCf<-¼,ðvf%ofX<L|t (+)  
,Á<æ∅,èACE<¶CE<%É,Æ,µ,Ä|—,³,è,éftf@fCf<,lftf@fCf<-¼,ðŽw'è,µ,Ü,·B

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,±,lfRf}f"fh,Á,íACE»Ý,lfhf%ofCfu,·,æ,ÑffBfCfNfgfš,©,çftf@fCf< MAR89.RPTAAPR89.RPTA,·,æ,Ñ  
MAY89.RPT ,æCE<¶,³,èACE»Ý,lfhf%ofCfu,íCE»Ý,lfffBfCfNfgfš,lftf@fCf< REPORT  
,É"ü,è,ç,è,Ü,·Bftf@fCf<,æCE<¶,³,è,é,ÆACE»Ý,ì"ú·t,ÆŽž,ðŽg,Á,ÁfRfs[|æftf@fCf<,æ|—,³,è,Ü,·BŽ  
ó,·'æ,ðÈ—á,·,é,ÆAftf@fCf<,æCE<¶,³,è,éAÁ%o,ÉŽw'è,µ,½ftf@fCf<,ì-  
¼'O,ð·t,·,ÄSi"[·,³,è,Ü,·B,½,Æ,í,íAftf@fCf< REPORT ,æšù,É'¶Ý,µ,Ä,ç,éèè,íAZŽ,lfRf}f"fh,ðŽg,Á,Ä  
REPORT ,ì 4 ,Ä,lftf@fCf<,·,æ,ðCE<¶,Á,«,Ü,·B

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,Ü,½AZŽ,ì—á,ì,æ,æ,ÉAftf@fCf<fhf|fh,ðŽg,Á,Ä·;|",lftf@fCf<,ðCE<¶,µ,Ä'P^è,lftf@fCf<,ð|—,·,·,é·ù-@,à,  
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,é,·,æ,Ä,lftf@fCf<,æA"·,¶,CE»Ý,lfhf%ofCfu,íCE»Ý,lfffBfCfNfgfš,É,·,éftf@fCf< COMBIN.DOC  
,ÉCE<¶,³,è,Ü,·B

f|fCf<fhf|fh,ðŽg,Á,Ä·;|",lfofCfifš ftf@fCf<,ð'P^è,lftf@fCf<,ÉCE<¶,µ,½,çèè,íAZŽ,ì—á,ì,æ,æ,É /b  
fXfCfbf` ,ðŽw'è,µ,Ü,·B

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,±,è,É,æ,èActrl + Z f|[·,lftf@fCf<|—¹·¶Žš,Æ,µ,Ä^—,³,è,È,,è,è,Ü,·B

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fofCfifš

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ŽŸ,ì—á,Á,íAcopy ,É,æ,èAŠg'£Žq .TXT ,æ·t,ç,Ä,ç,éšeftf@fCf<,æA,»,è,É'í%ž,·,é .REF  
ftf@fCf<,æCE<¶,³,è,Ü,·B,»,íCE<%ÉAftf@fCf<-¼,æ""·,¶,ÁŠg'£Žq .DOC ,æ·t,ç,Ä,ç  
,éftf@fCf<,æ|—,³,è,Ü,·B,µ,½,æ,Á,ÄAcopy ,É,æ,è FILE1.TXT ,æ FILE1.REF ,æCE<¶,³,èAFILE1.DOC  
,æ|—,³,è,Ü,·BŽŸ,ÉAFILE2.TXT ,æ FILE2.REF ,æCE<¶,³,è,ÄAFILE2.DOC ,æ|—,³,è,è,æ,æ,æ,  
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MS-DOS fTfufVfXfef€ ,Å AŠe“í%ž,ìŽž A“ú•tA'Ê  
%Ÿ A'â•Ÿš→•Ÿš•İŠ•A,“ ,æ,ŃE...<æ∅,è<L†,đŽg,!,é,æ,α,É,μ,Û,·B

**country** fRf}f“fh,đŽÀs, ,é,ÆAMS-DOS fTfufVfXfef€,íAftf|  
[fg'íÚE¾Eé,đŽg,αé†,É€<', ,é•ŸšfZfbfg,Æ<æ∅,è<K'¥,đ" FŽ˘ , ,é,æ,α,ÉŸ'è,³,è,Û,·B

**country**=xxx[,[yyy][,[fh%ofCfu:][fpfX] ftf@fCf<-¼]

### fpf%of [f^

xxx

fjf“fgfŠ fR[fh,đŽw'è,μ,Û,·B

yyy

,» ,ì'—p,ìfR[fh fy[fW,đŽw'è,μ,Û,·B

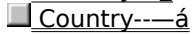
[fh%ofCfu:][fpfX] ftf@fCf<-¼

•Êî•ñ,²“ü,Á,Ä,†,éftf@fCf<,ìéŠ,Æ-¼'O,đŽw'è,μ,Û,·B

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**ftf|□[fg'í□Ů,ìĚ¾Ěè,ǎžw'è,-,é**

ŽŸ,ì•\,í□AWindows NT MS-DOS fTfufVfXfef€,Āftf|□[fg,³,è,é□',Ů,½,íĚ¾Ěè,ǎž,ì,μ,Ā,č,Ů,·□B,Ů,½□A,±,ì•\ ,É,í□Ašeffj"fgfš fR□[fh,Æ<κ,Éžg,ì,éfR□[fh fy□[fW,àž,ì,μ,Ā, ,è,Ů,·□B,½,Æ,ì,í□Afff"fgfš fR□[fh 003 ,ǎžg,κ ,Æ□Ayyy fpf%□f□□[f^,É,ífR□[fh fy□[fW 437 ,Ů,½,í 850 ,μ,©žg,ì,Ů,¹,ň□B□',Ů,½,íĚ¾Ěè,É,Ā,č ,Āž,ì,μ,Ā, ,é□Ā□%□,ì 2 ,Ā,ífR□[fh fy□[fW,í□A,» ,è,¼,è,ìšù'è,ífR□[fh fy□[fW,Ā,·□B

□' (Ě¾Ěè)	□'•ĚfR□[f h	fR□[fh fy□[fW
fAf□fšfj	001	437, 850
ffjif_ ftj %□f" fXĚè	002	863, 850
flf%□f"f_	031	850, 437
fxf<fM□[	032	850, 437
ftf%□f" fX	033	850, 437
fXfyfCf"	034	850, 437
fnf" fKfš□[	036	852, 850
fCf^fšfA	039	850, 437
fXfCfX	041	850, 437
f' fFfRfXf□f□fLfA	042	852, 850
fCfMfšfX	044	437, 850
fff" f}□[fN	045	850, 865
fXfEfF□[fff"	046	850, 437
fmf<fEfF□[	047	850, 865
f □[f%□f" fh	048	852, 850
fhfCfc	049	850, 437
fuf%□fWf<	055	850, 437
□'□Ů%□pĚè	061	437, 850
flf<fgfKf<	351	850, 860
ftfBf" f%□f" fh	358	850, 437

**Še□'í%□ž,ìžž□□,Æ"ú•t,ìĚ`ž®,ǎžw'è,-,é**

flf"fgfš fR□[fh,í□AfRf}f"fh **backup**□Adate□Arestore□A,¨,æ,Ñ **time** ,Éžg,κžž□□,Æ"ú•t,ìĚ`ž®,ǎžw'è,μ,Ů,·□B

ŽŸ,ì•\,í□Afff"fgfš fR□[fh,ÉšŮ~A,·,é"ú•t,Æžž□□,ìĚ`ž®,ǎž,ì,μ,Ā,č,Ů,·□Bfff"fgfš fR□[fh,²,Æ,É□A""ú•t,ìĚ`ž®" —,í 1994 "N 1 Ěž 3 "ú,ì•žì,ǎž,ì,μ□A"žž□□,ìĚ`ž®" —,íĚBĚã 5 žž 35 •a,ì•žì,ǎž,ì,μ,Ā,č,Ů,· (0 •b,Æ 100 •a,ì 0 •b•t,«)□B

□' (Ě¾Ěè)	□'•ĚfR □[fh	"ú•t,ìĚ` ž®	žž□□,ìĚ` ž®
fAf□fšfj	001	01/03/1994	5:35:00.00
		4	p

fjif_ ftj %of" fXCEè	002	1994-01-03	17:35:00
f%ofef" fAf[]fšfj	003	03/01/1994	5:35:00.00 p
flf%of"f_	031	03-01-94	17:35:00
fxf<fM[]	032	03/01/94	17:35:00
ftf%of"fX	033	03.01.1994	17:35:00
fXfyfCf"	034	3/01/94	17:35:00
fnf" fKfš[]	036	1994.01.03	17:35:00
fCf^fšfA	039	03/01/94	17.35.00
fxfCfX	041	03.01.94	17 35.00
f` fFfRfXf[]fofLfA	042	03.01.1994	17:35:00
fCfMfšfX	044	03/01/94	17:35:00.0 0
fff" f} [] fN	045	03-01-94	17.35.00
fxfEfF[] fff"	046	1994-01-03	17.35.00
fmf<fEfF[]	047	03.01.94	17:35:00
f[] f%of" fh	048	1994-01-03	17:35:00
fhfCfc	049	03.01.1994	17:35:00
fuf%ofWf<	055	03/01/94	17:35:00
□' □Ú%opCEè	061	03/01/1994	17:35:00.0 0
flf<fgfKf<	351	03-01-1994	17:35:00
ftfBf" f%of" fh	358	3.1.1994	17.35.00

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Še'í%ž,ì'É%ÝAŽžA"ú•tA," ,æ,Ñ'å•ŋŽš,Æ-•ŋŽš,đftf%of" fX,ì•\<L<K'¥  
,É•İŠ.,,é,É,ÍACONFIG.SYS ftf@fCf<,ÉŽŸ,ìRf}f"fh,đ'Ç%Á,μ,Û,·B

country=033

ftf%of" fX-p,ìjff"fgfŠ fR[fh,Æ<α,ÉfR[fh fy[fW,đŽw'è,.,é,É,ÍAŽŸ,ì,æ,α,É"ü-Í,μ,Û,·B

country=033,850

fR[fh fy[fW,đÈ-ª,μ,Ä,àA[fhf%ofCfu:][fpfX] ftf@fCf<-¼ fpf%of[f^,đŽw'è,.,ééé†,ÍAŽŸ,ì-á,ì,æ,α  
,ÉAfR[fh fy[fW,ì'O,É•t,ç,Ä,ç,½jff"f},đ,»,ì,Û,Û"ü-Í,μ,Ä,,¾,¾,çB

country=033,,c:\winnt\system32\country.sys

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**date** [mm-dd-yy]

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Žw'è,μ,½“ú•t,ª□Ý'è,³,ê,Ü,·□B“ú□ACEŽ□A,“,æ,Ň“N,ì'l,í□AfsfŠfjfh ( . )□AfnfCftf“ (-)□A,Ü,½,ÍfXf%ofbVf...  
(/) ,Å<æ□Ø,è,Ü,·□B

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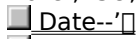
dd ,É,í□A1 ,©,ç 31 ,Ü,Å,ì'l,đŽw'è,Å,«,Ü,·□B

yy ,É,í□A80 ,©,ç 99 ,Ü,Å□A,Ü,½,í 1980 ,©,ç 2099 ,Ü,Å,ì'l,đŽw'è,Å,«,Ü,·□B

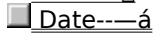
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date 01-12-1994

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**Del (Erase)**

Žw'è,μ,½ftf@fCf<,đííœ,μ,Ü,·□B

**del** [fhf%ofCfu:][fpx] ftf@fCf<-¼ [; ...] [/p] [/f] [/s] [/q] [/a[:'®□<]]

**erase** [fhf%ofCfu:][fpx] ftf@fCf<-¼ [; ...] [/p] [/f] [/s] [/q] [/a[:'®□<]]

**fpx%of□□f^**

[fhf%ofCfu:][fpx] ftf@fCf<-¼

ííœ,μ,½,çftf@fCf<,íéíŠ,Æ-¼'O,đŽw'è,μ,Ü,·□B•i□",ìftf@fCf<-¼,đŽw'è,À,«,Ü,·□Bftf@fCf<-¼,í□AfXfy□[fX□Afff"f}□A,Ü,½,íZf~fRf□f",Å<æ□Ø,è,Ü,·□B

**/p**

Žw'è,μ,½ftf@fCf<,íííœ,³,é,é'O,É□AŠm" F,đ<□,β,éf□fbfZ□[fW,đ•Ž|,μ,Ü,·□B

**/f**

□',«□ž,Ý<ÖŽ~ftf@fCf<,đííœ,μ,Ü,·□B

**/s**

Žw'è,μ,½ftf@fCf<,đ□ACE»□Ý,ìffBfCEfNfgfŠ,Æ,·,×,Ä,ìTfuffBfCEfNfgfŠ,©,çííœ,μ,Ü,·□B

**/q**

ííœ,ìŠm" F,đ<□,β,éf□fbfZ□[fW,í•Ž|,³,é,Ü,¹,ñ□B

**/a**

Žw'è,μ,½'®□<,ÉŠî,Ä,ç,Äftf@fCf<,íííœ,³,é,Ü,·□B

'®□<

ŽŸ,ìftf@fCf<'®□<,đŽw'è,À,«,Ü,·□B

**r** □',«□ž,Ý<ÖŽ~

**h** %oB,μ

**s** fvXfef€

**a** fofbfNfAfbfv

- Še'®□<,í•Ÿš,ì'O,ÉŽw'è,μ□A,»,'®□<,ì%ođíœ,đ^Ó-i,μ,Ü,·□B

ŠÖ~A□€-Ú



Del ,ÉŠÖ,·,é□Ú□×□î•ñ



Del--'□



Del---á







**Del---**

fhf%ofCfu C ,lfffBfCEfNfgfŠ TEST ,lftf@fCf<,đ,·,×,Äíœ,·,é,É,íAZŸ,lfRf}f“fh,ì,Ç,ì,ç,©,đŽg—p,Å,«,Ü,·B

del c:\test

del c:test\*.\*

Del ,ÉŠÖ,·,éÚ×î•ñ





**Device**

Žw'è,μ,½fffofCfX fhf%ofCfo,đf,f,š,É"Ç,Ýž,Ý,Ü,·B

MS-DOS —p,lfvfofCfX fhf%ofCfo,đ"Ç,Ýž,p,É,ÍA%**systemroot%**\SYSTEM32\CONFIG.NT ftf@fCf<,đŽg,κ  
,©A,Ü,½,lfvfOfof€€,ì PIF ,ĂŽw'è,<sup>3</sup>,è,½""™,ì<N" @ftf@fCf<,đŽg,ç,Ü,·B

**device**=[fhf%ofCfu:] [fpfX] ftf@fCf<-¼ [fffofCfXfhf%ofCfofpf%of[f^]

**fpf%of[f^**

[fhf%ofCfu:] [fpfX] ftf@fCf<-¼

"Ç,Ýž,Ý,½,çfffofCfX fhf%ofCfo,ìéš,Æ-¼'O,đŽw'è,μ,Ü,·B

[fffofCfXfhf%ofCfofpf%of[f^]

fffofCfX fhf%ofCfo,É•K—v,ÈfRf}f"fh f%ofCf"î•ñ,đŽw'è,μ,Ü,·B

ŠÖ~A€-Ú

Devicehigh

Device ,ÉŠÖ,·,éÚ×î•ñ

Device---á



### Device---

ANSI ,ifGfXfP[fv fV[fPf“fX,đŽg,Á,Ä MS-DOS fTfuFfXfef€—p,l%œ-  
Ê,ÆfL[f{[fh,đ\$Eä,·,é,É,ÍACONFIG.NT ,Ü,½,Í““™,ì<N“®ftf@fCf<,ÉŽŸ,lfRf}f“fh,đ’Ç%Á,μ,Ü,·B  
device=c:\winnt\system32\ansi.sys

Device ,ÉŠÖ,·,éÚ×î•ñ





### Devicehigh

ffofCfX fhf%ofCfo,đfAfbfjp[ f[f,fš—ì^æ,É“Ç,Ý[ž,Ý,Ü,·BffofCfX fhf%ofCfo,đfAfbfjp[ f[f,fš—  
ì^æ,É“Ç,Ý[ž,Ý[A,Ü,©,lfvf[Of%of€,Žg—p,Ā,«,é[fCf“ f[f,fš,ì—e—É,đ'□%A,³,¹,Ü,·□B

**devicehigh**=[fhf%ofCfu:][fpfX] ftf@fCf<-¼ [fffofCfXfhf%ofCfofpf%of□□[f^]

**devicehigh** ,ĀffofCfX fhf%ofCfo,đfAfbfjp[ f[f,fš—ì^æ,É“Ç,Ý[ž,p'O,É□A—~—p%oĀ"  
,É,μ,È,·,è,Ī,È,ç,È,č[f,fš,ì□Ā□—e—É,đŽw'è,·,é,É,Ī□AŽŸ,ì□\•¶,đŽg,č,Ü,·□B

**devicehigh size**= 16 □ifTfCfY [fhf%ofCfu:][fpfX] ftf@fCf<-¼ [fffofCfXfhf%ofCfofpf%of□□[f^]

**fpf%of□□[f^**

[fhf%ofCfu:][fpfX] ftf@fCf<-¼

fAfbfjp[ f[f,fš—ì^æ,É“Ç,Ý[ž,Ý,½,čfffofCfX fhf%ofCfo,ì□è□š,Æ-¼'O,đŽw'è,μ,Ü,·□B

[fffofCfXfhf%ofCfofpf%of□□[f^]

ffofCfX fhf%ofCfo,É•K—v,ÈfRf}f“fh f%ofCf“□î•ñ,đŽw'è,μ,Ü,·□B

16 □ifTfCfY

**devicehigh** fRf}f“fh,āffofCfX fhf%ofCfo,đfAfbfjp[ f[f,fš—ì^æ,É“Ç,Ý[ž,p'O,É□A—~—p%oĀ"  
,É,μ,È,·,è,Ī,È,ç,È,č[f,fš,ì□Ā□—e—É (16 □iCÈ`Ž@,É,æ,éfofCf□□) ,đŽw'è,μ,Ü,·□B'æ 2 ,ì□\•¶□s,ì,æ,κ  
,É□A**size** = 16□ifTfCfY ,đŽg,í,È,·,è,Ī,È,è,Ü,¹,ñ□B

ŠÖ~A□€-Ú

Loadhigh

Device

Devicehigh ,ÉŠÖ,·,é□Ú□×□î•ñ

Devicehigh--□

Devicehigh--—á



## Devicehigh--'

dos=umb fRf}f"fh,đŽg,µ

devicehigh fRf}f"fh,đŽg,µ,É,Í ACONFIG.NT ,Ü,½,Í"™,ì<N"®ftf@fCf<,É dos=umb

fRf}f"fh,đ<L□q,µ,È,̄,ê,Î,È,è,Ü,¹,ñ□B,±,lfRf}f"fh,đ<L□q,µ,È,̄,ê,Î Adevice fRf}f"fh,đŽg,µ,É,Í,Æ"̄—  
l,É□A,·,×,Ä,lfffofCfX fhf%ofCfo,lf□fCf" f□f,fŠ,É"Ç,Ý□ž,Ü,ê,Ü,·□Bumb fXfCfbf` ,ì□Ú□×,É,Â,ç,Ä,Í□Ados  
fRf}f"fh,đŽQ□Æ,µ,Ä,,¾,¾,ç□B

HIMEM.SYS ,đfCf"fxfg□[f<,.é

fffofCfX fhf%ofCfo,đfAfbfp□[ f□f,fŠ—ì^æ,É"Ç,Ý□ž,Þ'O,É□Adevice fRf}f"fh,đŽg,Ä,Ä HIMEM.SYS fffofCfX  
fhf%ofCfo,đfCf"fxfg□[f<,µ,È,̄,ê,Î,È,è,Ü,¹,ñ□B,±,lfRf}f"fh,Í ACONFIG.NT  
,Ü,½,Í"™,ì<N"®ftf@fCf<,Ä Adevicehigh fRf}f"fh,ì'O,É<L□q,µ,Ä,,¾,¾,ç□B

ftfCfY□šCEÀ,đŽw'è,.é

devicehigh fRf}f"fh f%ofCf",ÄŽw'è,µ,½fffofCfX fhf%ofCfo,ª□Afbfp□[ f□f,fŠ—ì^æ,ì'P^éfuf□fbfN,Ä~—  
p,Ä,«,.é,æ,è,à'½,,lfobftf@ fXfy□[fX,đŠ,,è"—,Ä,æ,µ,Æ,·,é,Æ□AfvfXfef€,ªf□fbfN,³,ê,é,±,Æ,ª, ,è,Ü,·□B,±,ì-  
à'è,đ%õñ"đ,·,é,½,ß,É□A16□iftfCfY fpf%of□[f^,đŽg—p,Ä,«,Ü,·□B16□iftfCfY,Ä,Í□AfffofCfX fhf%ofCfo,É•K  
—v,Éf□f,fŠ,ì'S—e—É,đ 16 □iCE`Ž®,ÄŽ!,µ,Ü,·□B"A'è,lfffofCfX fhf%ofCfo,ÉŠÖ,µ,Ä,±  
,ì'l,đCE©,Ä,̄,é,É,Í□Afhf%ofCfo,đf□fCf" f□f,fŠ,É"Ç,Ý□ž,ñ,Ä□Amem /debug fRf}f"fh,đŽg,ç  
,Ü,·□B^è"É"l,É□A,±,ì•û-@,ÍCEø—l"l,Ä,·,ª□A—áŠO,à, ,è,Ü,·□B

fAfbfp□[ f□f,fŠ—ì^æ,ª~—p,Ä,«,É,ç□é□ž

devicehigh fRf}f"fh,ÄŽw'è,µ,½fffofCfX fhf%ofCfo,đ"Ç,Ý□ž,ß,é,¾,̄,lfAfbfp□[ f□f,fŠ—  
ì^æ,ª,É,ç□é□ž,Í□AMS-DOS ftfufVfXfef€,É,æ,è (device fRf}f"fh,đŽg,Ä,½□é□ž,Æ"̄—l,É) f□fCf"  
f□f,fŠ,É"Ç,Ý□ž,Ü,ê,Ü,·□B

Devicehigh ,ÉŠÖ,·,é□Ú□×□î•ñ

Devicehigh

Devicehigh--—á



### Devicehigh---

CONFIG.NT ,Ü,½,Í“~“™ ,ì<N“ ©ftj@fCf<,ÉŽŸ,ìfRf}f“fh,ð<L□q,·,é,Æ□AMS-DOS fTfufVfXfef€,ÍfffofCfX fhf  
%ofCfo MYDRIV.SYS ,đfAfbfp□[ f□f,fŠ—í^æ,É“Ç,Ý□ž,à,α,Æ,μ,Û,·□B

device=c:\winnt\system32\himem.sys

dos=umb

devicehigh=mydriv.sys

Devicehigh ,ÉŠÖ,·,é□Ú□×□î•ñ



Devicehigh--'



Devicehigh



### Devinfo

fR[fh fy[fW,đŽg,!,é,æ,¼,ÉffofCfX,ì€”đ,đ®,,!,Ü,·B,±,lfRf}f“fh,đŽg,¼,É,íAOS/2 ,) C:\CONFIG.SYS  
ftf@fCf<,É’Ç%Á,μ,Ü,·B

**devinfo**=f^fCfv,fTfuf^fCfv,[fhf%ofCfu:][fpfX] ftf@fCf<-¼ [,**ROM**=[[(!xxx[,yyy)]][,...]]

**fpf%of**[f^

f^fCfv

ffofCfX,ìŽí—p,Æ,μ,ÄAfL[f{[fhAf,ffj^A,Ü,½,ífpf%ofCf< fvšf“f^,đŽw’è,μ,Ü,·BŽw’è,Á,<,é’l,É,Á,ç  
,Ä,íADevinfo--’[,đŽQ[Æ,μ,Ä,,¾,¾,¾,çB

fTfuf^fCfv

ffofCfX,íf^fCfv,đŽw’è,μ,Ü,·BfL[f{[fh,ìé#A,±  
,ì^ø” ,íL[f{[fh”z’u,đŽw’è,μ,Ü,·BŽw’è,Á,<,é’l,É,Á,ç,Ä,íADevinfo--’[,đŽQ[Æ,μ,Ä,,¾,¾,¾,çB

ftf@fCf<-¼

ffofCfX—p,lfR[fh fy[fW,ÉŠÖ,·,éî•ñ,â<L[q,¾,¾,¾,Ä,ç,éftf@fCf<,đŽw’è,μ,Ü,·BŽw’è,Á,<,é’l,É,Á,ç  
,Ä,íADevinfo--’[,đŽQ[Æ,μ,Ä,,¾,¾,¾,çB

### ROM=

,±,ífpf%of[f^,íAOS/2 fTfufVfXfef€,Á,ìŽg,ç,Ü,¹,ñBfo[fWf#“ 1.3 ^È’O,ì MS OS/2 ,Æ,ìCEÝŠ·[«,ì,½,ß,É  
—p^Ó,¾,¾,¾,Ä,ç,Ü,·B

xxx

,±,ífpf%of[f^,íAOS/2 fTfufVfXfef€,Á,ìŽg,ç,Ü,¹,ñBfo[fWf#“ 1.3 ^È’O,ì MS OS/2 ,Æ,ìCEÝŠ·[«,ì,½,ß,É  
—p^Ó,¾,¾,¾,Ä,ç,Ü,·B

yyy

,±,ífpf%of[f^,íAOS/2 fTfufVfXfef€,Á,ìŽg,ç,Ü,¹,ñBfo[fWf#“ 1.3 ^È’O,ì MS OS/2 ,Æ,ìCEÝŠ·[«,ì,½,ß,É  
—p^Ó,¾,¾,¾,Ä,ç,Ü,·B

Devinfo ,ÉŠÖ,·,éîÚ×î•ñ

Devinfo--’

Devinfo---á





### Devinfo--'

fR[fh fy[fW,ðØ,è,Ö,í,½,çê±,íAfvfXfef€,ÉÚ'±,³,ê,Ä,ç,éffofCfX,²,Æ,ÉAOS/2 C:\CONFIG.SYS  
 ftf@fCf<,É•ÉĀ,ì devinfo fRf}f"fh,ð<Lq,μ,É,̄,ê,î,È,è,Û,¹,ñBdevinfo fRf}f"fh,Ä,íAfvfXfef€,ÉÚ'±  
 ,μ,½fffofCfX,ìŽí—pA,̄,æ,Ñ,»,ìffofCfX—p,ìfR[fh fy[fW,Û,½,ìfL[f{[fhî•ñ,ìêŠ,ðŽw'è,μ,Û,·B  
 ŽŸ,ÉA^fCfvAftfuf^fCfvA,̄,æ,Ñ ftf@fCf<-¼ ,É"ü—í,Ä,«,é'l,ðŽl,μ,Û,·B

^ø"	fL[f{[f h	f,fjf^
f^fCfv	KBD	SCR
ftfuf^fCf v	fL[f{[fh fR[fh	EGA, VGA
ftf@fCf<- ¼	KEYBOAR D.DCP	VIOTB L.DCP

fL[f{[fh fR[fh,Æ,íA'Á'è,ì'Āü,̄,ìfL[f{[fh"z'u,ðŽ•É,·,éfR[fh,Ä,·BŽw'è,Ä,«,éL[f{[fh  
 fR[fh,ì^ê—,É,Ä,ç,Ä,íAkeyb fRf}f"fh,ðŽQÆ,μ,Ä,,¾,¾,çB•i" ,ìŠg'£fL[f{[fh,éÚ'±,³,ê,Ä,ç,é'—  
 p,ìfL[f{[fh,ðŽw'è,·,éê±,íA,±,ìÝ'è,ÉftfufR[fh,ðŽw'è,μ,Û,·B,½,¾,μA2  
 •ŸŽš,ìfR[fh,ÆftfufR[fh,ìŠÖ,É,ìXfy[fX,ð"ü,è,È,ç,Ä,,¾,¾,çB,½,Æ,ì,íAftf%of"X,ìŠg'£fL[f{[fh 120  
 ,ðŽw'è,·,é,É,íAfl[f{[fh fR[fh,É FR120 ,ðŽg,ç,Û,·B

Devinfo ,ÉŠÖ,·,éÚ'±xî•ñ



Devinfo---á



Devinfo



## Devinfo---

codepage fRf}f“fh,ÅŽw’è,μ,½fR[fh fy[fW,ðŽg,!,é,æ,κ  
 ,ÉfL[f{[f{[fh,ì€”ö,ð@,;AfcfMfŠfX,ìfL[f{[f{[fh”z’u,ðŽg,çAfR[fh fy[fWî•ň,“ü,Á,Ä,ç  
 ,étf@fCf<,³fn[fh fffBfXfN (fhf%ofCfu C) ,ì OS2 fffBfCefNfgfŠ,É, ,é,ÆŽw’è,·,é,É,íAC:\CONFIG.SYS  
 ftf@fCf<,ÉŽŸ,ìs,ð’Ç%Á,μ,Û,·B

devinfo=kbd,uk,c:\os2\keyboard.dcp

Devinfo ,ÉŠÖ,·,éÚ×î•ň





**Dir**

fffBfCefNfgfŠ,łftf@fCf<,ÆfTfufffBfCefNfgfŠ,ł^ê—,đ•\Ž!,μ,Ü,·□B

**dir** [fhf%ofCfu:] [fpfX] [ftf@fCf<-¼] [; ...] [/p] [/w] [/d] [/a[:]'@□<] [/o[:]:] [f□[fg□#]]  
[/t[:]:] [f^fCf€ftfB□[f·fh]] [/s] [/b] [/l] [/n] [/x]

**fpf%of□□[f^**

,É,μ

fpf%of□□[f^,Ü,½,łfXfCfbf` ,đŽw'è,<sup>1</sup>,,É **dir** ,đŽg,ɤ,Æ□AfffBfXfN,łf{fŠf...□[f€ f%ofxf<,ÆfvfŠfAf<”Ô□+□A1  
□s,<sup>2</sup>,Æ,É 1 ,Ā,,.Āftf@fCf<-¼Šg'£Žq•t,«,łfffBfCefNfgfŠ,Ü,½,łftf@fCf<-¼□AfofCfg'P^Ê,łftf@fCf<

ftfCfY□Aftf@fCf<,ł□Ā□•ł□X”úŽž□A^ê—•\Ž!,<sup>3</sup>,é,½ftf@fCf<,ł□#Cv□”□A,»,—  
ÝCvftfCfY□A,“,æ,ŃfffBfXfN,ÉŽc,Ā,Ā,ç,é<ó,«—e—Ê (fofCfg'P^Ê) ,đ•\Ž!,μ,Ü,·□B

[fhf%ofCfu:] [fpfX]

^ê—,đ•\Ž!,μ,½,çfhf%ofCfu,ÆfffBfCefNfgfŠ,đŽw'è,μ,Ü,·□B

[ftf@fCf<-¼]

^ê—,đ•\Ž!,μ,½,ç“Ā'è,łftf@fCf<,Ü,½,łftf@fCf<,łfOf<□[fv,đŽw'è,μ,Ü,·□B•□],łftf@fCf<-  
¼,đŽw'è,Ā,«,—,Ü,·□BŠeftf@fCf<-¼,ł□AfXfy□[fX□Afj“f}□A,Ü,½,łfZf~fRf□f“,Ā<æ□∅,è,Ü,·□B

**/p**

^ê—,đ^ê“x,É 1 %œ—Ê, ,.Ā•\Ž!,μ,Ü,·□BŽŸ,ł%œ—Ê,đ•\Ž!,·,é,É,ł□A”C^Ó,łfL□[,đ%Ÿ,μ,Ü,·□B

**/w**

^ê—,đf□fCfhC`Ž® ,Ā•\Ž!,μ,Ü,·□BŠe□s,É,ł□A□Ā□, 5 ,Ā,łftf@fCf<-¼,Ü,½,łfffBfCefNfgfŠ-¼,đ•\Ž!,μ,Ü,·□B

**/d**

f□fCfhC`Ž® ,Æ” ,ł,Ā,·,ª□Aftf@fCf<,ł□c•úCvü,É•Ā,x'Ö,ł,ç,è,Ü,·□B

**/a[:]'@□<**

Žw'è,μ,½'@□<,đŽ□,ĀfffBfCefNfgfŠ,Æftf@fCf<,ł-¼'O,¾, ,đ•\Ž!,μ,Ü,·□B,±,łfXfCfbf` ,đ□È—ª,·,é,Æ□A  
%œB,μftf@fCf<,ÆfvfXfef€ ftf@fCf<,đ□œ,,·,x,Ā,łftf@fCf<,ł-¼'O,đ•\Ž!,μ,Ü,·□B'@□<,đŽw'è,<sup>1</sup>,,É,±  
,łfXfCfbf` ,đŽg,ɤ,Æ□A%œB,μftf@fCf<,ÆfvfXfef€ ftf@fCf<,đŠÜ,β□A,·,x,Ā,łftf@fCf<,ł-¼'O,đ•\  
Ž!,μ,Ü,·□BŽŸ,É□A'@□<,ÉŽg,ł,é'ł,đŽ!,μ,Ü,·□BfRf□f“ ( : ) ,łfłfvfVf#“,Ā,·□B,±  
,é,ç,ł'ł,đfXfy□[fX,Ā<æ□∅,ç,,É”C^Ó,É'g,Ý□#,ł,¹,Ü,·□B

**h** %œB,μftf@fCf<

**s** fvXfef€ ftf@fCf<

**d** fffBfCefNfgfŠ

**a** fA□[fjCfu'@□<,ł□Y'è,<sup>3</sup>,é,½ (fofbfNfAfbfv,·,x,«) ftf@fCf<

**r** □',«□ž,Ý<Öž~ftf@fCf<

**-h** %œB,<sup>3</sup>,é,Ā,ç,È,çftf@fCf<

**-s** fvXfef€ ftf@fCf<^ÈŠO,łftf@fCf<

**-d** ftf@fCf<,¾, , (fffBfCefNfgfŠ,Ā,ł,É,)

**-a** 'O%œñ,łfofbfNfAfbfv^È□~ ,É•ł□X,<sup>3</sup>,é,Ā,ç,È,çftf@fCf<

**-r** □',«□ž,Ý<Öž~ ,Ā,È,çftf@fCf<

**/o[:]:]f□[fg□#]**

•\Ž!,ł,Ā,«,—,ÉfffBfCefNfgfŠ-¼,Æftf@fCf<-¼,đf□[fg,·,é□#□~ ,đŽw'è,μ,Ü,·□B,±,łfXfCfbf` ,đ□È—  
ª,·,é,Æ□AfffBfCefNfgfŠ-¼,Æftf@fCf<-¼,łfffBfCefNfgfŠ,É”z'u,<sup>3</sup>,é,Ā,ç,é,»,ł,Ü,Ü,ł□#□~ ,Ā•\Ž!,<sup>3</sup>,é,Ü,·□Bf

[f]g[ž]w'è, ,É,±,lfXfCfbf` ,đŽg,Æ[AffBfCfNfgfS-¼,afAftf@fxfbf]g[ž],É•À,x'Ö,!,ç,ê,Ä•\Ž!, ,é,AE[AfCf-¼,afAftf@fxfbf]g[ž],É•À,x'Ö,!,ç,ê,Ä•\Ž!, ,é,Ü,·BfRf" ( : )  
,lfjvfVf#",Á,·BŽY,É[Af[f]g[ž],ÉŽg,!,é'l,đŽ!,μ,Ü,·B,±  
,é,ç,ì'l,đfXfy[fX,Á<æ[Ø,ç,,É" C^Ó,É'g,Ý[ž,í,¹,ÄŽg,ç,Ü,·B

**n** -¼'O,lfAftf@fxfbf]g[ž]

**e** Šg'£Žq,lfAftf@fxfbf]g[ž]

**d** "ú•t,ÆŽž[ž],Á[ž],à^È'O,!,à,!,©,ç[æ],É

**s** fTfCfY•É,É[ž],à[ž],³,ç,à,!,©,ç[æ],É

**g** ftf@fCf<,l'O,ÉfOf<[fv%»»,³,é,½fffBfCfNfgfS

**-n** -¼'O,lfAftf@fxfbf]g[ž],É (Z ,©,ç A ,Ü,Á)

**-e** Šg'£Žq,lfAftf@fxfbf]g[ž],É (Z ,©,ç A ,Ü,Á)

**-d** "ú•t,ÆŽž[ž],Á[ž],à[V,μ,ç,à,!,©,ç[æ],É

**-s** fTfCfY•É,É[ž],à[ž],³,ç,à,!,©,ç[æ],É

**-g** ftf@fCf<,l'CEã,ÉfOf<[fv%»»,³,é,½fffBfCfNfgfS

/t[:]f^fCf€ftfB[f<fh]

ŽY,É[Af^fCf€ ftfB[f<fh,ÉŽg,!,é'l,đŽ!,μ,Ü,·B,Ç,lŽž[ž]ftfB[f<fh,đ•\Ž!, ,é,©[A,Ü,½,Í•À,x'Ö,!,ÉŽg,±  
,©,đ[ž]CEã,μ,Ü,·B

**c** [ž]

**a** [ž]lfAfNfZfX

**w** [ž]lf[ž],«[ž],Ý

/s

Žw'è,μ,½fffBfCfNfgfS,Æ,·,x,Ä,lfTfuffBfCfNfgfS,Á[AŽw'è,μ,½ftf@fCf<-¼,l,·,x,Ä,đ^è—•\Ž!,μ,Ü,·B

/b

Šeff[lf^-¼,Ü,½,lfTf@fCf<-¼,đ 1 [s,É 1 ,Á,,Á^è—•\Ž!,μ,Ü,· (ftf@fCf<-¼Šg'£Žq,đŠÜ,p)[B,±  
,lfXfCfbf` ,đŽw'è,·,é,AE[AfCf<-¼,afAftf@fxfbf]g[ž],É•À,x'Ö,!,ç,ê,Ä•\Ž!, ,é,Ü,·BfRf" ( : )  
,lfjvfVf#",Á,·BŽY,É[Af[f]g[ž],ÉŽg,!,é'l,đŽ!,μ,Ü,·B,±  
,é,ç,ì'l,đfXfy[fX,Á<æ[Ø,ç,,É" C^Ó,É'g,Ý[ž,í,¹,ÄŽg,ç,Ü,·B

/l

fffBfCfNfgfS-¼,Æftf@fCf<-¼,đ•À,x'Ö,!, ,É[ž]•\Žš,Á•\Ž!,μ,Ü,·B,±  
,lfXfCfbf` ,đŽw'è,μ,Ä,à[AŠg'£•\Žš,á'SŠp•\Žš,í[ž]•\Žš,É•\Š,³,é,Ü,¹,ñ[B

/n

ftf@fCf<-¼,đ% E'[,É'u,ç,½f"fo^è—CE`Ž@,Á•\Ž!,μ,Ü,·B


/x


NTFS , ,æ,Ñ FAT f{fŠf...[f€[ž],lfTf@fCf<-p,É[ž]•\Žš,Á•\Ž!,μ,Ü,·B,±  
,lfXfCfbf` ,đŽw'è,·,é,AE[AfCf<-¼,afAftf@fxfbf]g[ž],É•À,x'Ö,!,ç,ê,Ä•\Ž!, ,é,Ü,·BfRf" ( : )  
,lfjvfVf#",Á,·BŽY,É[Af[f]g[ž],ÉŽg,!,é'l,đŽ!,μ,Ü,·B,±  
,é,ç,ì'l,đfXfy[fX,Á<æ[Ø,ç,,É" C^Ó,É'g,Ý[ž,í,¹,ÄŽg,ç,Ü,·B

ŠÖ~A[ž]€-Ú

 Tree

Dir ,ÉŠÖ,·,é[ž]×[ž]•ñ

 Dir--'

 Dir---á



**Dir--'**

**dir ,ÁfCfCfhfjlfh,ðŽg,æ**

fCfCfhfjlfh (? ,â \*) ,ðŽg,æ,ÆAftf@fCf<,ÆftfufffBfCfNfgfŠ,lfTfufZfbfg,ì^è—,ð·\ Žì,Á,«,Û,·BfCfCfhfjlfh,ìŽg,ç·ù,ðŽì,·—á,É,Á,ç,Ä,íA□uDir--á□v,ðŽQ□Æ,μ,Ä,,¾,¾,ç□B

**ftf@fCf<,ì·\Žì'@□«,ðŽw'è,·,é**

'@□«,É·;□",ì'ì,ð"ü—í,μ,Ä /a fXfCfbf` ,ðŽw'è,·,é,Æ□AZw'è,μ,½,·,x,Ä,ì'@□«,ðŽ□,Áftf@fCf<,ì-¼'O,¾,¾,·,¾·\ Žì,¾,é,Û,·□B,½,Æ,ì,íA/a:r-h ,Û,½,í /ar-h ,ðŽg,Á,Ä□A'@□«'ì,Æ,μ,Ä r ,Æ -h ,ð·t,·,Ä /a fXfCfbf` ,ðŽw'è,·,é,Æ□A%oB,¾,¾,Ä,ç,È,ç□',«□ž,Ý·ÖŽ~ftf@fCf<,ì-¼'O,¾,¾,·,¾·\Žì,¾,é,Û,·□B

**ftf@fCf<-¼,ì·\Ä, x'Ö,ì,ðŽw'è,·,é**

f□[fg□#,ì'ì,ð·;□"Žw'è,·,é,Æ□A,Û,·□Ä□%o,ìŠì□€ ,É,æ,Ä,Ä□AZÿ,É'æ 2 ,ìŠì□€ ,É,æ,Ä,Ä,Æ,ç,æ,æ,æ,Éftf@fCf<-¼,¾·\Ä, x'Ö,ì,ç,è,Û,·□B,½,Æ,ì,íA/o:e-s ,Û,½,í /oe-s ,ðŽg,Á,Ä□A□[fg□#,ì'ì,Æ,μ,Ä e ,Æ -s ,ð·t,·,Ä /o fXfCfbf` ,ðŽw'è,·,é,Æ□AfffBfCfNfgfŠ,Æftf@fCf<,ì-¼'O,¾·\Ä,à',ç ,à,ì,©,ç□æ,ÉŠg'£Žq·É,É·Ä, x'Ö,ì,ç,è,Ä□A□Ä□IC<%oÉ,¾·\ Žì,¾,é,Û,·□BŠg'£Žq,lfAf:ftf@fXfbfg□#,É·Ä, x'Ö,ì,é,Æ□AŠg'£Žq,¾·\Ä,ç,È,çftf@fCf<-¼,¾·\Ä□%o,É·\ Žì,¾,é,Û,·□BÄŽ,ÉfffBfCfNfgfŠ-¼□A□ÄCEä,ÉŠg'£Žq,¾·\Ä,ç,È,çftf@fCf<-¼,¾·\Ä,¾·\Žì,¾,é,Û,·□B

**fŠf\_fCfCfNfg·fŽš,ÆfpfCfv,ðŽg,æ**

fŠf\_fCfCfNfg·fŽš (>) ,ðŽg,Á,Ä dir ,ì□o—í,ðftf@fCf<,É·\ÜŠç,·,é,©□A,Û,½,lfpfCfv (ì) ,ðŽg,Á,Ä dir ,ì□o—í,ð·É,lfRf}f"fh,É'—,é□è□#,íA/a:-d ,·,æ,Ñ /b fXfCfbf` ,ðŽg,Á,Äftf@fCf<-¼,¾,¾,·,ð^è—·\ Žì,μ,Û,·□Bftf@fCf<-¼ fpf%of□[f^ ,Æ<æ,É /b ,·,æ,Ñ /s fXfCfbf` ,ðŽg,æ ,Æ□ACE»Ý,iffBfCfNfgfŠ,Æ,»,lfTfufffBfCfNfgfŠ,Ä□Aftf@fCf<-¼,É^è'v,·,é,·,x,Ä,lfTf@fCf<-¼,ðCEÿ□ð,·,é,æ,æ,ÉŽw'è,Ä,«,Û,·□Bdir ,ðŽÄ□s,·,é,Æ□A·\Žì,·,éftf@fCf<-¼,²,Æ,É□Afhf%ofCfu-¼□AfffBfCfNfgfŠ-¼□Aftf@fCf<-¼□A,·,æ,Ñftf@fCf<-¼Šg'£Žq,¾,¾,·,¾·\Ä 1 fpfX,·,Ä^è—·\ Žì,¾,é,Û,·□B

fŠf\_fCfCfNfg,ÉfpfCfv,ðŽg,æ'O,É□AAUTOEXEC.NT ftf@fCf<,Ä TEMP ŠÄ««·ì□",ð□Ý'è,μ,Ä,,¾,¾,ç□B

**dir ,lfpf%of□[f^ ,ÆfXfCfbf` ,ðŽ-'O,É□Ý'è,·,é**

AUTOEXEC.NT ftf@fCf<,É□Aset fRf}f"fh,Ä dircmd ŠÄ««·ì□",ð□Ý'è,·,é,±,Æ,Ä□Adir ,lfpf %of□[f^ ,ÆfXfCfbf` ,ðŽ-'O,É□Ý'è,Ä,«,Û,·□Bdir ,lfpf%of□[f^ ,ÆfXfCfbf` ,·,æ,Ñ set dircmd fRf}f"fh,Ä□Aftf@fCf<,ì□è□Š,Æ-¼'O,ðŽw'è,μ,Ä□A—LCEø,É,à,ì,Ä ,é,íA,ç,ì,æ,æ ,É'g,Ý□#,ì,¹,ðŽw'è,μ,Ä,à,©,Û,ç,Û,¹,ñ□B

,½,Æ,ì,íAAdircmd ŠÄ««·ì□",ðŽg,Á,Äf□fCfh·\ŽìCE`Ž® (/w) ,ðŠù'è,ìCE`Ž®,Æ,μ,Ä□Ý'è,·,é,É,í□AAUTOEXEC.NT ftf@fCf<,ÉŽÿ,lfRf}f"fh,ð'ç%oÁ,μ,Û,·□B

set dircmd=/w

dir fRf}f"fh,ðŽÄ□s,·,é,Æ,«,É□Adircmd ŠÄ««·ì□",Ä□Ý'è,μ,½fXfCfbf` ,ð-³CEø,É,·,é,É,í□Adir fRf}f"fh f %ofCf",Ä"~ ,lfXfCfbf` ,ðŽg,ç□AZÿ,ì—á,ì,æ,æ,ÉfXfCfbf` -¼,ì'O,É,lf}fCfifX<L□+,à·t,·,Ä,,¾,¾,ç□B

dir /-w

fRf}f"fh fvf□"fvfg,©,ç□A"™ □+ (=) ,ìCEä,É□V,μ,çfpf%of□[f^ ,Û,½,lfXfCfbf` ,ð·t,·,Ä set fRf}f"fh,ð"ü—í,·,é,Æ□Adircmd ,ìŠù'è,ì□Ý'è,ð·ì□X,Ä,«,Û,·□B□V,μ,çŠù'è,ì□Ý'è,í□AfRf}f"fh f%ofCf",Ä,à,æ^è"x set dircmd ,ðŽÄ□s,·,é,Û,Ä□A,Û,½,í Windows NT ,ð□Ä·N"®,·,é,Û,Ä□A,»,é^ÈCEä,ì,·,x,Ä,ì dir ,É—LCEø,Ä,·□B ,·,x,Ä,ìŠù'è,ì□Ý'è,ðfNfŠfA,·,é,É,í□AZÿ,lfRf}f"fh,ð"ü—í,μ,Û,·□B

set dircmd=

Žÿ,lfRf}f"fh,ð"ü—í,·,é,Æ□Adircmd ŠÄ««·ì□",ìCE»Ý,ì□Ý'è,ð·\Žì,Ä,«,Û,·□B

set

Windows NT ,É,æ,è□AŠÂ««•İ□”,Æ,»,İ□Ý’è,İ^ê—,ª•\Ž|,³,ê,Ü,·□BŠÂ««•İ□”,İ□Ý’è,İ□Ú□×,É,Â,ç,Ä,Í□Aset  
fRf}}f“fh,ðŽQ□Æ,μ,Ä,,³/4,³,ç□B

Dir ,ÉŠÖ,·,é□Ú□×□İ•ñ

■ Dir---á

■ Dir



**Dir---**

CE»Ÿ,lfhf%ofCfu,lfffbfxfN,l,·,x,Ä,lfffbfCefNfgfS,l^ê—,ð·\Žl,·,é,Ü,ÄAdir,ÉfffbfCefNfgfS^ê—,ðŸ"Ö,É 1,Ä,·,Ä·\Žl,³,¹,½,ç,Æ%¼'è,μ,Ü,·B,Ü,½Adir,ÉSefffbfCefNfgfS^ê—,ðfAf<ftf@fxfbfgŸ,É·A,x,³,¹A%œ-É,²,Æ,É^èŽž'âŽ~,³,¹,ÄAfŸCfhC`Ž@,Ä·\Žl,³,¹,½,ç,Æ%¼'è,μ,Ü,·B

,±,ì,æ,Ÿ,É·\Žl,ðŽw'è,·,é,É,íAf<Ÿfg ffffbfCefNfgfS,³CE»Ÿ,lfffbfCefNfgfS,Ä,·,é,±,Æ,ðŠm" F,μ,ÄAZŽ,lfRf}f"fh,ð"ü—í,μ,Ü,·B

dir /s/w/o/p

**dir**,É,æ,èAf<Ÿfg ffffbfCefNfgfS,ì-¼'O Af<Ÿfg ffffbfCefNfgfS,lfTfufffbfCefNfgfS,ì-¼'O A,·,æ,Ÿf<Ÿfg ffffbfCefNfgfS,lfTf@fCf<,ì-¼'O (Šg'£Žq,ðŠÜ,Þ),³ê—·\Žl,³,é,Ü,·BŽŸ,ÉAfffBfCefNfgfS fcfSŸ,ìŠefTfufffbfCefNfgfS,lfTfufffbfCefNfgfS-¼,Æftf@fCf<-¼,³ê—·\Žl,³,é,Ü,·B

Ÿä<L,ì—á,ðAfffBfCefNfgfS-¼,³ê—³,éAftf@fCf<-¼,ÆŠg'£Žq,³ê,é,æ,Ÿ,É·ìX,·,é,É,íAZŽ,lfRf}f"fh,ð"ü—í,μ,Ü,·B

dir /s/w/o/p/a:-d

fffbfCefNfgfS^ê—,ð^óü,·,é,É,íAZŽ,ì—á,ì,æ,Ÿ,ÉA" C^Ó,ìŽ@,ì **dir** fRf}f"fh,ìCä,ÉAfŠf\_fCfCefNfg·ŸŽš,Æ PRN,ð"ü—í,μ,Ü,·B

dir > prn

**dir** fRf}f"fh f%ofCf",Ä PRN,ðŽw'è,·,é,ÆAfffBfCefNfgfS^ê—,í LPT1 fŸfg,ÉÜ'±,³,é,Ä,ç,éfvfŠf" f^,É'—,ç,è,Ü,·BfvfŠf" f^,³·É,lfŸfg,ÉÜ'±,³,é,Ä,ç,éèŸ,ìAPRN,ð³,μ,çfŸfg-¼,É'u,«Š·,ì,É,·,é,ì,É,è,Ü,¹,ñB

,Ü,½APRN,ðftf@fCf<-¼,É'u,«Š·,ì,Ä**dir** fRf}f"fh,ìo—í,ðftf@fCf<,ÉfŠf\_fCfCefNfg,·,é,±,Æ,à,Ä,«,Ü,·BfRf}f"fh f%ofCf" ä,Ä,lfpfX,àŽg,ì,Ü,·B,½,Æ,ì,í**dir**,ìo—í,ðfffbfCefNfgfS RECORDS,lfTf@fCf< DIR.DOC,É'—,é,É,íAZŽ,lfRf}f"fh,ð"ü—í,μ,Ü,·B

dir > \records\dir.doc

DIR.DOC,³ŸŸ,μ,È,·,é,íAfffBfCefNfgfS RECORDS,à'ŸŸ,μ,È,çèŸ^ÈŠO,íAWindows NT,É,æ,è DIR.DOC,³ŸŸ-³,é,Ü,·BRECORDS,à'ŸŸ,μ,È,çèŸ,íAZŽ,lfŸfZŸfW,³·\Žl,³,é,Ü,·B

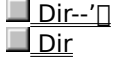
ftf@fCf<,³è,Ü,¹,ñ

fhf%ofCfu C,ì,·,x,Ä,lfffbfCefNfgfS,ÄAŠg'£Žq .TXT,³·t,ç,Ä,ç,é,·,x,Ä,lfTf@fCf<,ìê—,ð·\ Žl,·,é,É,íAZŽ,lfRf}f"fh,ð"ü—í,μ,Ü,·B

dir c:\\*.txt /w/o/s/p

**dir**,É,æ,èAŠefffbfCefNfgfS,É,·,éŠg'£Žq .TXT,lfTf@fCf<-¼,ìAfAf<ftf@fxfbfgŸ,ÉfŸfg,³,é,½^ê—,³fŸCfhC`Ž@,Ä·\Žl,³,é,Ü,·B%œ-É'P^É,Ä^èŽž'âŽ~,μAfLŸ,³,é,é,ÆŽŸ,ì%œ-É,³·\Žl,³,é,Ü,·B

Dir,ÉŠÖ,·,éÜxŸi·ñ



Dir--  
Dir



### Diskcomp

2 ,Á, ìftf[]bfs[][ fffBfXfN, ì"à—e, ð"äŠr, μ, Ü, ·[]B

**diskcomp** [fhf%oofCfu 1: [fhf%oofCfu 2:]]

**fpf%oof[]f^**

fhf%oofCfu 1

^ê•û, ìftf[]bfs[][ fffBfXfN, ð"ü, Á, Ä, ç, éfhf%oofCfu, ðŽw'è, μ, Ü, ·[]B

fhf%oofCfu 2

'¼•û, ìftf[]bfs[][ fffBfXfN, ð"ü, Á, Ä, ç, éfhf%oofCfu, ðŽw'è, μ, Ü, ·[]B

ŠÖ~A[]€-Ú

Comp

Fc

Diskcomp ,ÉŠÖ, ,é[]Ú[]×[]î•ñ

Diskcomp--'[]

Diskcomp---á





## Diskcomp--'□

### diskcomp ,É-³CEø,Èfhf%ofCfu

diskcomp fRf}f“fh,í□Aftf□fbfs□[ fffBfXfN,É,¾,˘<@“\,μ,Ü,·□Bfn□[fh fffBfXfN,Å diskcomp ,ðŽg,±,± ,Æ,Í,Å,«„,Ü,¹,ñ□Bfhf%ofCfu 1 ,Ü,½,Í fhf%ofCfu 2 ,Éfn□[fh fffBfXfN fhf%ofCfu,ðŽw'è,·,é,Æ□AZŽ,ìfGf %□[ f□fbfZ□[fW,ª•\Ž,³,è,Ü,·□B

fhf%ofCfu,ìŽw'è,ª^á,ç,Ü,·  
Žw'è,ìfhf%ofCfu,í□A'¶□Y,μ,É,ç,©  
, ,é,ç,ìfn□[fh fffBfXfN,Å,·.

### diskcomp f□fbfZ□[fW

“äSr†,ì 2 ,Å,ìffBfXfN,ì,·,×,Ä,ìfgf%ofbfN,ª“˘,¶,Å, ,è,í□AZŽ,ìf□fbfZ□[fW,ª•\Ž,³,è,Ü,·□B fffBfXfN,É^á,ç,í, ,è,Ü,¹,ñ.

fgf%ofbfN,É^á,ç,ª, ,é,í□AZŽ,ì,æ,±,Èf□fbfZ□[fW,ª•\Ž,³,è,Ü,·□B

fTfCfh 1□Afgf%ofbfN 2 ,Å

“äSrfGf%□[ª, ,è,Ü,μ,½.

“äSr,ªŠ@—¹,·,é,Æ□AZŽ,ìf□fbfZ□[fW,ª•\Ž,³,è,Ü,·□B

•É,ìffBfXfN,ð“äSr,μ,Ü,·,© (Y/N)?

Y fL□[,ð%öY,·,Æ□AZŽ,ì“äSr,ð□s,±,½,ß,ÉfffBfXfN,ð' }“ü,·,é,æ,±,É<□,ß,éf□fbfZ□[fW,ª•\Ž,³,è,Ü,·□BN fL□[,ð %öY,·,Æ□A“äSr,ì'äŽ~˘,³,è,Ü,·□B

diskcomp ,É,æ,é“äSr,Å,í□AfffBfXfN,ìf{fŠf...□[f€“Ô□†,í-³Ž<,³,è,Ü,·□B

### fhf%ofCfu fpf%of□□[f^,ð□È—ª,·,é

fhf%ofCfu 2 fpf%of□□[f^,ð□È—ª,·,é,Æ□Adiskcomp ,Å,Í fhf%ofCfu 2 ,ÉCE»□Y,ìfhf%ofCfu,ªŽg,í,è,Ü,·□B— ¼•û,ìfhf%ofCfu fpf%of□□[f^,ð□È—ª,·,é,Æ□A—¼•û,ÉCE»□Y,ìfhf%ofCfu,ªŽg,í,è,Ü,·□BCE»□Y,ìfhf%ofCfu,ª fhf%ofCfu 1 ,Æ“˘,¶,Å, ,è,í□A•K—v,É%oož,¶,ÄfffBfXfN,ðCEðŠ˘,·,é,æ,±,É<□,ß,éf□fbfZ□[fW,ª•\Ž,³,è,Ü,·□B

### 'P^è,ìfhf%ofCfu,ðŽg,Á,Ä”äSr,·,é

fhf%ofCfu 1 ,Æ fhf%ofCfu 2 ,É“˘,¶ftf□fbfs□[ fffBfXfN fhf%ofCfu,ðŽw'è,·,é,Æ□A'P^è,ìfhf %ofCfu,ðŽg,Á,Ä”äSr,ªŽÀ□s,³,è□A•K—v,É%oož,¶,ÄfffBfXfN,ì' }“ü,ð<□,ß,éf□fbfZ□[fW,ª•\ Ž,³,è,Ü,·□BfffBfXfN,ì—é—É,Æ—~—p%oÅ“\,Éf□f,fs,ì'S—é—É,É,æ,Á,Ä,í□A %o½˘,àfffBfXfN,ðCEðŠ˘,μ,É,˘,è,ì,È,ç,È,ç,±,Æ,ª, ,è,Ü,·□B

### ^Ü,È,éŽí—p,ìffBfXfN,ð”äSr,·,é

diskcomp ,Å,í□A•D—ÉfffBfXfN,ð—¼—ÉfffBfXfN,Æ”äSr,μ,½,è□A□,—š“xfffBfXfN,ð” { - š“xfffBfXfN,Æ”äSr,·,é,±,Æ,Í,Å,«„,Ü,¹,ñ□Bfhf%ofCfu 1 ,ìffBfXfN,ìŽí—p,ªfhf%ofCfu 2 ,ìffBfXfN,Æ^Ü,È,é□è□‡,í□AZŽ,ìf□fbfZ□[fW,ª•\Ž,³,è,Ü,·□B

fhf%ofCfu,©□AfffBfXfN,ìf^fCfv,ª^á,ç,Ü,·

### diskcomp ,ðflfbfgf□□[fN,˘,æ,ÑfŠf\_fCfCEfNfg fhf%ofCfu,ÅŽg,±

diskcomp ,í□Aflfbfgf□□[fN fhf%ofCfu,Ü,½,Í subst fRf}f“fh,Å□ì—,³,è,½fhf%ofCfu,É,Í<@“\,μ,Ü,¹,ñ□B,± ,ìŽí,ìfhf%ofCfu,Å diskcomp fRf}f“fh,ðŽÀ□s,·,é,Æ□Afgf%□□[ f□fbfZ□[fW,ª•\Ž,³,è,Ü,·□B

### CE³,ìffBfXfN,ðfRfs□[Æ”äSr,·,é

copy ,Å□ì—,μ,½fffBfXfN,É diskcomp ,ðŽg,±,Æ□AZŽ,ì,æ,±,Èf□fbfZ□[fW,ª•\Ž,³,è,é,±,Æ,ª, ,è,Ü,·□B

fTfCfh 0□Afgf%ofbfN 0 ,Å

“äSrfGf%□[ª, ,è,Ü,μ,½

,±,ìŽí,ìfGf%□□[í□AfffBfXfN,ìftf@fCf<,ª“˘^è,Å, ,Å,Ä,à”□¶,·,é,±,Æ,ª, ,è,Ü,·□Bcopy

fRf}f"fh,Á,Íî•ñ,ª•i»³,ê,Û,·,ªAfrfs[]æfffBfXfNã,Á"~,¶êëŠ,É"z'u,³,ê,é,Æ,íĀ,è,Û,¹,ñB2  
,Á,ìffBfXfN,ÁĀĀ•Ē,ìtf@fCf<,ð"äŠr,·,é•û-@,ìÚ×,É,Á,ç,Ä,íAfc fRf}f"fh,ðŽQÆ,μ,Ä,,¾,³,çB

**diskcomp ,ìl—¹fR[]fh**

ŽŸ,É[]A[]—¹fR[]fh,Æ,»,ì^Ó-j,ðŽ!,μ,Û,·B

0 "äŠr,μ,½fffBfXfN,ª"^-ê,¾,Á,½B

1 "äŠr,μ,½fffBfXfN,É^á,ç,ªĀ,©,Á,©,Á,½B

3 []d'å,ÈfGf%[][,ª"[]¶,μ,½B

4 []%Šú'lfGf%[][,ª"[]¶,μ,½B

fofbf` ftj@fCf<,ì if fRf}f"fh f%ofCf",Á **errorlevel** fpf%of[]f^,ðŽg,ª,Æ[]A**diskcomp** ,©,ç•Ô,³,ê,é[]—  
¹fR[]fh,ð^—[],Á,«,Û,·B

Diskcomp ,ÉŠÖ,·,é[]Ú[]×[]î•ñ

Diskcomp---á

Diskcomp



### Diskcomp---á

```

fVfXfef€Éftjfbfs[ fffBfXfN fhf%ofCfu,Æ,μ,Äfhf%ofCfu A ,μ,©•t,ç,Ä,ç,È,ç,Æ,«ÉA2
,Ä,ìffBfXfN,ð"äŠr,μ,½,çéç,íAŽŸ,ìfRf}f"fh,ð"ü—í,μ,Ü,·B

```

```

diskcomp a: a:

```

```

•K—v,É%ž,¶,ÄAfffBfXfN,ì' } "ü,ðç,β,éçfbfZ[fW,ª\Ž!,³,è,Ü,·B

```

```

ŽŸ,ì—á,íAdiskcomp [—¹fR[fh,ð^—,·,é,½,β,É if fRf}f"fh f%ofCf",Ä errorlevel fpf
%of[f^,ðŽg,xfofbf`ftf@fCf<,ðŽ!,μ,Ä,ç,Ü,·B

```

```

rem CHECKOUT.BAT ,ìfhf%ofCfu A ,Æfhf%ofCfu B ,ìffBfXfN"à—e,ð"äŠr,μ,Ü,·.

```

```

echo off

```

```

diskcomp a: b:

```

```

if errorlevel 4 goto ini_error

```

```

if errorlevel 3 goto hard_error

```

```

if errorlevel 1 goto no_compare

```

```

if errorlevel 0 goto compare_ok

```

```

:ini_error

```

```

echo fGf%o[.Ä,·: f[f,š•s'«,©,Ü,½,ìfRf}f"fh,ª^á,ç,Ü,·.

```

```

goto exit

```

```

:hard_error

```

```

echo fGf%o[.Ä,·: %ñ•œ•s%Ä"\,È"üo—ìfGf%o[,ª"¶,μ,Ü,μ,½.

```

```

goto exit

```

```

:break

```

```

echo Ctrl + C ,ª%Ÿ,³,è,½,ì,Ä"äŠr^—,ð'tŽ~,μ,Ü,·

```

```

goto exit

```

```

:no_compare

```

```

echo fffBfXfN,ìŽí—b,ª^á,ç,Ü,·.

```

```

goto exit

```

```

:compare_ok

```

```

echo "äŠr,ª[—¹,μ,Ü,μ,½. 2 -¶,ìffBfXfN,ì"à—e,í^é'v,μ,Ä,ç,Ü,·.

```

```

goto exit

```

```

:exit

```

```

Diskcomp ,ÉŠÖ,·,éÚÚ×í•ñ

```



Diskcomp--'



Diskcomp



### Diskcopy

fRfs[] [CE³fhf%ofCfu, ðftf[]fbfs[] [ fffBfXfN, ð“à—e, ð[]AfRfs[] []æfhf %ofCfu, ðftfH[] [f}fbfg[] Ī, ÿftf[]fbfs[] [ fffBfXfN[]A, Ü, ½, ðftfH[] [f}fbfg, µ, Ä, ç, È, çftf[]fbfs[] [ fffBfXfN, ÉfRfs[] [, µ, Ü, ·[]B

**diskcopy** [fhf%ofCfu 1: [fhf%ofCfu 2:]] [/v]

**fpf%of[]f[] [f^**

fhf%ofCfu 1

fRfs[] [CE³fffBfXfN, ð“ü, Ä, Ä, ç, éfhf%ofCfu, ðŽw'è, µ, Ü, ·[]B

fhf%ofCfu 2

fRfs[] []æfffBfXfN, ð“ü, Ä, Ä, ç, éfhf%ofCfu, ðŽw'è, µ, Ü, ·[]B

/v

[]î•ñ, ð³, µ, fRfs[] [, ³, è, ½, ©, Ç, x, ©, ðCEÿ[], , µ, Ü, ·[]B, ±, ðXfCfbf` , ðŽg, x, Æ[]AfRfs[] [ fv[]fZfX, ð'á'¬, È, È, è, Ü, ·[]B

ŠÖ~A[]€-Ú

Copy

Xcopy

1 , Ä^È[]ä, ðftf[]fCf<, ðfRfs[] [, ·, é•û-@, È, Ä, ç, Ä, Í[]Acopy fRf}f“fh, ðŽQ[]Æ, µ, Ä, , ¾, ³, ç[]B  
fffBfCEfNfgfŠ, ÆfTfuffffBfCEfNfgfŠ, ðfRfs[] [, ·, é•û-@, È, Ä, ç, Ä, Í[]Axcopy fRf}f“fh, ðŽQ[]Æ, µ, Ä, , ¾, ³, ç[]B  
Diskcopy , ÉŠÖ, ·, é[]Ü[]x[]î•ñ

Diskcopy--'[]

Diskcopy---á



## Diskcopy--'

### diskcopy ,É-³ĀĀ,Ēfhf%ofCfu

**diskcopy** fRf}f“fh, íAftf[]fbfs[] fffBfXfN,É,Ç[]ACEđŠ·%Ā“\,ĒfffBfXfN,É,μ,©<@“\,μ,Û,¹,ñ[]Bfn[]fh fffBfXfN,É **diskcopy** ,đŽg,α,±,Æ,Í,Ā,«,Û,¹,ñ[]Bfhf%ofCfu 1 ,Û,½,Í fhf%ofCfu 2 ,Ēfn[]fh fffBfXfN fhf %ofCfu,đŽw'è,·,é,Æ[]AŽŸ,lfGf%[] f[]fbfZ[]fW,ª·\Ž!,³,é,Û,·[]B

fhf%ofCfu,ìŽw'è,ª^á,ç,Û,·

Žw'è,lfhf%ofCfu,í[]A'[]Y,μ,É,ç,©

,·,é,ç,lf[]fh fffBfXfN,Ā,·

### diskcopy ,lf[]fbfZ[]fW

**diskcopy** fRf}f“fh,É,æ,è[]AfRfs[] [Ā³,ÆfRfs[] []æ,lf[]fbfZ[]fW,đ' }“ü,·,é,æ,α,É<[],β,é[]fbfZ[]fW,ª·\ Ž!,³,é,Ā[]A“C^Ó,lf[] [đ%Ÿ,·,Û,Ā'Ò,Ā,Ā,©,çvf[]fZfX,ª^±[]s,³,é,Û,·[]B

fRfs[] [ªŠ@—¹,·,é,Æ[]AŽŸ,lf[]fbfZ[]fW,ª·\Ž!,³,é,Û,·[]B

·É,lf[]fbfZ[]fW,ÉfRfs[] [μ,Û,·,© (Y/N)?

**Y** fL[] [đ%Ÿ,·,Æ[]AŽŸ,lfRfs[] [‘€[],ì,½,β,ÉfRfs[] [Ā³,ÆfRfs[] []æ,lf[]fbfZ[]fW,đ' }“ü,·,é,æ,α

,É<[],β,é[]fbfZ[]fW,ª·\Ž!,³,é,Û,·[]B **diskcopy** ,lfvf[]fZfX,đ'ž~·,·,é,É,í[]AN fL[] [đ%Ÿ,μ,Û,·[]B

fhf%ofCfu 2 ,lf[]fH[]f}fbfg,³,é,Ā,ç,È,çftf[]fbfs[] fffBfXfN,ÉfRfs[] [·,·,é,Æ[]A **diskcopy** ,É,æ,è[]Afhf%ofCfu 1 ,lf[]fbfZ[]fW,Æ““ ,ñ-Ē[]““ ,·,æ,ñfgf%ofbfN““ -

,è,lfZfNf^[]“ ,đŽg,Ā,ĀfffBfXfN,ªftfH[]f}fbfg,³,é,Û,·[]BfffBfXfN,đftfH[]f}fbfg,μ,Āftf@fCf<,đfRfs[] [·,·,é,Š,É[] AŽŸ,lf[]fbfZ[]fW,ª·\Ž!,³,é,Û,·[]B

fRfs[] [‘t,ÉftfH[]f}fbfg,à,μ,Ā,ç,Û,·

### fffBfXfN,lfv[]šfA<“Ô[]t

fRfs[] [Ā³fffBfXfN,Éf{fšf...[] [fē fVfšfA<“Ô[]t,ª·t,ç,Ā,ç,é[]è[]š,í[]A **diskcopy** ,É,æ,èfRfs[] [ªfffBfXfN— p,í[]V,μ,çf{fšf...[] [fē fVfšfA<“Ô[]t,ª[]t—,³,è[]AfRfs[] [‘€[],ìŠ@—¹Žž,É,» ,ì“Ô[]t,ª·\Ž!,³,é,Û,·[]B

### fhf%ofCfu fpf%of[]f^,đ[]È—ª,·,é

fhf%ofCfu 2 fpf%of[]f^,đ[]È—ª,·,é,Æ[]AfRfs[] [ªfhf%ofCfu,Æ,μ,ĀĀ»[]Y,lfhf%ofCfu,ªŽg,í,é,Û,·[]B—

¼·ù,lfhf%ofCfu fpf%of[]f^,đ[]È—ª,·,é,Æ[]A—¼·ù,ÉĀ»[]Y,lfhf%ofCfu,ªŽg,í,é,Û,·[]BĀ»[]Y,lfhf

%ofCfu,ªfhf%ofCfu 1 ,Æ““ ,ñ,Ā, ,é,í[]A·K—v,É%ž,ñ,ĀfffBfXfN,đĀđŠ·,·,é,æ,α,É<[],β,é[]fbfZ[]fW,ª·\

Ž!,μ,Û,·[]B,» ,ìžž““ ,Ā,íĀ»[]Y,lfhf%ofCfu,đf[]fbfN,Ā,« ,Û,¹,ª[]A **diskcopy** ,Ā,lf[]f@fCf<,đfRfs[] [·,·,é'Ó,Éfhf

%ofCfu,đf[]fbfN,·,é·K—v,ª ,é,±,Æ,É'[]^Ó,μ,Ā,¾,¾,ç[]B

### fRfs[] [—p,É 1 ,Ā,lfhf%ofCfu,đŽg,α

fhf%ofCfu 1 ,Æfhf%ofCfu 2 ,ª““ ,ñ,Ā, ,é,í[]AfffBfXfN,đ“ü,é'Ò,ì,é,æ,α,É<[],β,é[]fbfZ[]fW,ª·\Ž!,³,é,Û,·[]B—

¼·ù,lfhf%ofCfu fpf%of[]f^,đ[]È—ª,μ,½[]è[]š,É[]ACE»[]Y,lf[]fbfZ[]fW,ª·\Ž!,³,é,Û,·[]B

%ofCfu,Ā, ,é,í[]A,» ,ì,Ā,çfhf%ofCfu,ÉfffBfXfN,đ' }“ü,·,é,æ,α,É<[],β,é[]fbfZ[]fW,ª·\

Ž!,μ,Û,·[]BfffBfXfN,É“ü,Ā,Ā,ç,é[]·ñ,ª¹/²,·,·,Ā[]A—~—p%Ā“\,Éf[]fš,É“ü,è,« ,ç,É , , ,é,í[]A **diskcopy**

,Ā,·,α,Ā,í[]·ñ,đ^è“x,É“Ç,ÝŽæ,é,±

,Æ,í,Ā,« ,Û,¹,ñ[]BfRfs[] [Ā³fffBfXfN,© ,ç“Ç,ÝŽæ,è[]AfRfs[] [ªfffBfXfN,É[] ,«[]ž,Û,é,Ā,© ,ç[]A,à,α^è“xfRfs[]

Ā³fffBfXfN,đ' }“ü,·,é,æ,α,É<[],β,é[]fbfZ[]fW,ª·\Ž!,³,é,Û,·[]B,±

,lfvf[]fZfX,í[]AfffBfXfN'S'ì,ªfRfs[] [³,é,é,Û,Ā'±,« ,Û,·[]B

### fffBfXfN,lf[]f%ofOf[]f“fg,đ-hŽ~·,·,é

#### diskcopy

,Ā,í[]AfRfs[] [ªfffBfXfN,ÉfRfs[] [Ā³fffBfXfN,í[]šm,ÉfRfs[] [ª[]t—,³,é,é,ì,Ā[]AfRfs[] [Ā³fffBfXfN,lf[]f

%ofOf[]f“fg,lfRfs[] [ªfffBfXfN,É“’—,³,é,Û,·[]Bftf%ofOf[]f“fg,Æ,í[]AfffBfXfN,ìŠù'ñ,lf[]f@fCf<ŠÔ,É , ,é-çŽg—

pfffBfXfN—ì^æ,í[]t—,³,É·ª,đŽw,·—pĀĒ,Ā,·[]B

fRfs[] [CE³ffBfXfN, ãftf%ofOf[]f"fg, ³, è, Ä, ç, é, Æ[]Aftf@fCf<, ìCEÿ[]ð[]A"Ç, ÝŽæ, è[]A, Ü, ½, Í[]', «[]ž, Ý' - "x, á' á %º, ·, é, ±, Æ, ¢, è, Ü, ·[]B, , éffBfXfN, ©, ç, Ê, ìffBfXfN, Éftf%ofOf[]f"fg, ð" ] - , µ, È, ç, æ, ¢, É, ·, é, É, Í[]Acopy fRf}f"fh, Ü, ½, Í, **xcopy** fRf}f"fh, ðŽg, Á, ÄffBfXfN, ðfRfs[], µ, Ü, ·[]Bcopy , ·, æ, Ñ **xcopy**, Á, ìftf@fCf<, ¢[]žÝfRfs[], ³, è, é, ì, Á[]A[]V, µ, çffBfXfN, ìftf%ofOf[]f"fg, ³, è, Ü, ¹, ñ[]B

'[]^Ó  
■ **xcopy**, ðŽg, Á, ÄfXf^[] [fgfAfbfv fffBfXfN, ðfRfs[], Á, «, Ü, ¹, ñ[]B

**diskcopy**, ì[]l-¹fR[] [fh

Žÿ, É[]Adiskcopy , ì[]l-¹fR[] [fh (**errorlevel**) , ì^Ó-i, ðŽl, µ, Ü, ·[]B

0 fffBfXfN, ìfRfs[], ¢[]³[]í, É[]l-¹, µ, ½[]B

1 'v-½"l, Á, Í, È, ç"Ç, ÝŽæ, è / []', «[]ž, ÝfGf%º[] [, ¢"[]¶, µ, ½[]B

3 'v-½"l, Èfn[] [fh fGf%º[] [, ¢"[]¶, µ, ½[]B

4 []%ºŠú%º»fGf%º[] [, ¢"[]¶, µ, ½[]B

fobf` ftf@fCf<, ì if fRf}f"fh f%ofCf", Á **errorlevel** fpf%of[] [f^, ðŽg, ¢, Æ[]Adiskcopy , ©, ç, Ó, ³, è, é[]l-¹fR[] [fh, ð[]^ - [], Á, «, Ü, ·[]B[]l-¹fR[] [fh, ð[]^ - [], ·, éfobf` ftf@fCf<, ì - á, É, Á, ç, Ä, Í[]Adiskcomp fRf}f"fh, ðŽQ[]Æ, µ, Ä, , ¼, ³, ç[]B

Diskcopy , ÉŠÖ, ·, é[]Ú[]x[]î·ñ

■ Diskcopy---á

■ Diskcopy



### Diskcopy---á

fhf%ofCfu B ,lfffBfXfN,i³Šm,ÈfRfs[,ðAfhf%ofCfu A ,lfffBfXfN,Åi-.,,é,É,íAŽŸ,ì,æ,x,É“ü—í,μ,Ü,·B

diskcopy b: a:

Diskcopy ,ÉŠÖ,.,éÚxî•ñ

Diskcopy--'

Diskcopy



### Diskperf

fVfXfef€ fffBfXfN fpftfH[f]f“fX fJfEf“f^,δ<N“ @□A,»μ,Ä'âž~ ,μ,Ü,·□B

**diskperf [-y|-n]** [\ fRf“fsf...□[f^-¼]

**fpf%of□□[f^**

,É,μ

**-y** ,Ü,½,í **-n** fXfCfbf` ,δ•t, , ,É **diskperf** ,δžg,α,Æ□A□□□[fj< fRf“fsf...□[f^,Ü,½,Ížw'è,μ,½fRf“fsf...  
□[f^,ÄfffBfXfN fpftfH[f]f“fX fJfEf“f^,ª—LCEø,©,Ç,α,©,ªfCEf|□[fg,³,è,Ü,·□B

**-y**

fVfXfef€,ì□Ä<N“ @žž,ÉfffBfXfN fpftfH[f]f“fX fJfEf“f^,δ<N“ @,·,é,æ,α,É□Ý'è,μ,Ü,·□B

**-n**

fVfXfef€,ì□Ä<N“ @žž,ÉfffBfXfN fpftfH[f]f“fX fJfEf“f^,δžg,í,È,č,æ,α,É□Ý'è,μ,Ü,·□B

fRf“fsf...□[f^-¼

fffBfXfN fpftfH[f]f“fX fJfEf“f^,ì—p“r,δ•ž|,Ü,½,í□Ý'è,μ,½,čfRf“fsf...□[f^,ì-¼'O,Ä,·□B

Diskperf ,ÉŠÖ,·,é□Ú□×□î•ň

Diskperf--'□

Diskperf---á





**Diskperf--'**

f pftfH[f}f" fX f, fjf^, ÅffBfXfN, ì~ —p ó<μ, δŠÄŽ<, ·, é, É, í Afu [fgŽž, É diskperf , δ<N" ® , μ, Ä, , ¾, ¾, ç B

Diskperf , ÉŠÖ, ·, é Ú × í • ñ

Diskperf--'

Diskperf--—á





## Dos

MS-DOS fTfufVfXfef€ ,ÉfAfbfp [ f [f ,fŠ—i^æ,Ö,İfŠf“fN,đ•ŮŽç,³,¹,é,© [A,Ů,½,İfTfufVfXfef€,İ^ê•” ,đfnfC f [f ,fŠ—i^æ (HMA) ,É“Ç,Ÿ [ž,ß,æ,ı,ÉŽw'è,μ,Ů,· [B

**dos=high|low[,umb|,noumb]**

**dos=[high,|low,]umb|noumb**

**fpf%of [f^**

**umb|noumb**

MS-DOS fTfufVfXfef€,af [fCf“ f [f ,fŠ,ÆfAfbfp [ f [f ,fŠ—i^æ,Æ,İfŠf“fN,đ•ŮŽç,μ,È,· ,ê,İ,È,ç,È,ç,©,Ç,ı ,© ,đŽw'è,μ,Ů,· [B**umb** fpf%of [f^ ,a,±,İfŠf“fN,đ'ň<Ÿ,μ,Ů,· [B**noumb** fpf%of [f^ ,İ [A,± ,İfŠf“fN,đ [Ø'f,μ,Ů,· [BSù'è,İ [Ÿ'è,İ **noumb** ,Å,· [B

**high|low**

MS-DOS fVfXfef€,a,» ,êŽ ©'İ,İ^ê•” ,đ HMA ,É“Ç,Ÿ [ž,Ů,È,· ,ê,İ,È,ç,È,ç,©,Ç,ı,© ,đŽw'è,μ,Ů,· [BMS-DOS fTfufVfXfef€,a,» ,êŽ ©'İ,đ HMA ,É“Ç,Ÿ [ž,ß,é,æ,ı,É,· ,é,É,İ [A**high** fpf%of [f^ ,đŽg,ç,Ů,· [BMS-DOS fTfufVfXfef€'S'İ,đf [fCf“ f [f ,fŠ,É•ŮŠç,· ,é,É,İ [A**low** fpf%of [f^ ,đŽg,ç,Ů,· [BSù'è,İ [Ÿ'è,İ **low** ,Å,· [B

ŠÖ~A [€-Ů

Devicehigh

Loadhigh

Dos ,ÉŠÖ,· ,é [Ů [x [İ•ň

Dos--' [



Dos--'□

**dos=umb** ,Ü,½,Í **dos=high** —p,É HMEM.SYS ,đfCf“fXfg□[f<,μ,È,¯,ê,Î,È,è,Û,¹,ñ

**dos=umb** ,Ü,½,Í **dos=high** ,đŽw'è,·,é'O,É□AHMEM.SYS fffofCfX fhf  
%ofCfo,đfCf“fXfg□[f<,μ,È,¯,ê,Î,È,è,Û,¹,ñ□B

**UMB fpf%of□□[f^,đŽg,κ**

fvf□fOf%of€ ,ÆfffofCfX fhf%ofCfo,đfAfbfp□[ f□f,fŠ—ì^æ,É“Ç,Ý□ž,p,É,í□Ados=umb fRf}f“fh,đŽw'è,μ,Ä,-  
,¾,³,¢□BfAfbfp□[ f□f,fŠ—ì^æ,đŽg,κ,Æ□A□fCf“ f□f,fŠ,Äfvf□fOf%of€—p,É'½,,ì—ì^æ,ª%ođ•ú,³,ê,Û,·□B,±  
,ì•ù-@,đŽg,κ,¾,¯,Ä,È,□A□fAfbfp□[ f□f,fŠ fuf□fbfN (UMB) fvf□fOfCf\_đfCf“fXfg□[f<,μ,È,¯,ê,Î,È,è,Û,¹,ñ□B

**high fpf%of□□[f^,đŽg,κ**

**high** fpf%of□□[f^,đŽw'è,·,é,Æ□AMS-DOS ftfuVfXfef€ ,í,» ,êž©□g,ì^è•”,đ HMA ,É“Ç,Ý□ž,à,κ  
,Æ,μ,Û,·□BMS-DOS ,ì^è•”,đ HMA ,É“Ç,Ý□ž,p,Æ□A□fCf“ f□f,fŠ,đfvf□fOf%of€—p,É%ođ•ú,Ä,«,Û,·□B

**fpf%of□□[f^,đ'g,Ý†,í,¹,é**

'P^è,ì dos fRf}f“fh f%ofCf“,Ä□A•;□”,ìfpf%of□□[f^,đff“f}  
,Ä<æ□Ø,Ä,ÄŽw'è,Ä,«,Û,·□B,½,Æ,ì,ì□AZŽ,ìfRf}f“fh f%ofCf“,í—LÆø,Ä,·□B

**dos=umb,low**

**dos=high,umb**

CONFIG.NT□A,Û,½,í“~“™ ,ì<N“ @ftf@fCf<,ì“C^Ó,ì□é□Š,É□Ados fRf}f“fh,đ“ü,è,é,±,Æ,ª,Ä,«,Û,·□B

Dos ,ÉŠÖ,·,é□Ú□×□î•ñ



Dos





## Doskey--''

### doskey ,đŽg,»

Doskey fvf[]fOf%of€ ,í[]A•¶Žšfx[]fX,ì, , x ,Ä, ì'~bCE ^fvf[]fOf%of€ (fvf[]fOf%of~f"fo  
 fffofbfK,Ü,½,íftf@fCf<"'—fvf[]fOf%of€ ,É,Ç) ,É,ç,Ä,Ä,à—~—p,Ä,«,Ü,·[]B,Ü,½[]A<N" @,³,è,éŠefvf[]fOf%of€  
 ,ìfRf}f"fh—š—đfofbftf@,Æf}fNf[] ,đ•ÜŽç,μ,Ü,·[]Bdoskey fXfCfbf` ,đfvf[]fOf%of€ ,©,çŽg,» ,±  
 ,Æ,í,Ä,«,Ü,¹,ñ[]Bfvf[]fOf%of€ ,đ•N" @ , , ,é' O,É[]Adoskey fXfCfbf` ,đŽÄ[]s,μ,Ä, ,¾,¾,¾,ç[]Bfvf[]fOf%of€  
 fL[][,ìŠ,,è"—,Ä,É,æ,è[]Adoskey fL[][,ìŠ,,è"—,Ä,ª-³CEø,É,È,è,Ü,·[]B

### fRf}f"fh,đ[]ÄCEÄ,Ñ[]o,μ,·,é

fRf}f"fh,đ[]ÄCEÄ,Ñ[]o,μ,·,é,É,í[]ADoskey ,đf[]f,š,É"Ç,Ý[]ž,ñ,¾CEä,Ä[]AZÿ,ì"C^Ó,ìfL[][,đŽg—  
 p,Ä,«,Ü,·[]Bfvf[]fOf%of€ ,Ä Doskey fvf[]fOf%of€ ,đŽg,»ê[]†,í[]A,» ,ìfvf[]fOf%of€ ,ìfL[][Š,,è"—,Ä,ª—  
 D[]æ,³,è,Ü,·[]B

□ª •\Ž,³,è,Ä,ç  
 ,éfRf}f"fh,ì'O,ÉŽg  
 ,Ä,½fRf}f"fh,ª[]Ä  
 CEÄ,Ñ[]o,μ,³,è,Ü,·[]  
 B

□« •\Ž,³,è,Ä,ç  
 ,éfRf}f"fh,ìCEä,ÄŽ  
 g,Ä,½fRf}f"fh,ª[]Ä  
 CEÄ,Ñ[]o,μ,³,è,Ü,·[]  
 B

PageUp CE»[]Ý,ìfZfbfVf†f"  
 Ä[]Ä[]%o  
 ,ÉŽg,Ä,½fRf}f"fh,  
 ª[]ÄCEÄ,Ñ[]o,μ,³,è,  
 Ü,·[]B

PageDown []ÄCEä,ÉŽg,Ä,½fRf  
 }f"fh,ª[]ÄCEÄ,Ñ[]o,  
 μ,³,è,Ü,·[]B

### fRf}f"fh f%ofCf" ,đ•Ò[]W,·,é

Doskey fvf[]fOf%of€ ,đŽg,» ,Æ[]ACE»[]Ý,ìfRf}f"fh f%ofCf" ,đ•Ò[]W,Ä,«,Ü,·[]Bfvf[]fOf%of€ ,Ä Doskey fvf[]fOf  
 %of€ ,đŽg,»ê[]†,í[]A,» ,ìfvf[]fOf%of€ ,ìfL[][Š,,è"—,Ä,ª—D[]æ,³,è[]ADoskey •Ò[]WfL[][,ª<@"\  
 , , ,é,Æ,íCEÄ,è,Ü,¹,ñ[]B

Žÿ,É[]ADoskey •Ò[]WfL[][,Æ,» ,ì<@"\,đŽ!,μ,Ü,·[]B

□© f[][f<,ª 1  
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 @,μ,Ü,·[]B

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 μ,Ü,·[]B

Ctrl + □© f[][f<,ª'PCEê 1  
 ,Ä•ªCEä,É^Ú" @  
 ,μ,Ü,·[]B

<b>Ctrl + <math>\square</math></b>	<p>fj<math>\square</math>[f<math>\langle</math>,<sup>a</sup>PCE<math>\hat{e}</math> 1  ,Å•<sup>a</sup>O,É<math>\hat{u}</math>"@,  <math>\mu</math>,Ü,·<math>\square</math>B</p>
<b>Home</b>	<p>fj<math>\square</math>[f<math>\langle</math>  f<math>\langle</math>,<sup>a</sup>s"<sup>a</sup>,É<math>\hat{u}</math>"@,  <math>\mu</math>,Ü,·<math>\square</math>B</p>
<b>End</b>	<p>fj<math>\square</math>[f<math>\langle</math>,<sup>a</sup>s--  ,É<math>\hat{u}</math>"@,<math>\mu</math>,Ü,·<math>\square</math>B</p>
<b>Esc</b>	<p>fRf}f"fh,<sup>a</sup>Á&lt;Ž,  <sup>3</sup>,ê,Ü,·<math>\square</math>B</p>
<b>F1</b>	<p>fef"f<math>\nu</math>fCE<math>\square</math>[fg,ì"  <math>\bar{\cdot}</math>,¶CE...,©,ç  Windows NT  fRf}f"fh  f<math>\nu</math>f<math>\square</math>"f<math>\nu</math>fg,ì"<math>\bar{\cdot}</math>,¶  CE...,É 1  •¶Žš,<sup>a</sup>fRfs<math>\square</math>[,<sup>3</sup>,  ê,Ü,·  (fef"f<math>\nu</math>fCE<math>\square</math>[fg,  Æ,íA<math>\square</math>ÅCEä,É"  ü—  í,<math>\mu</math>,½fRf}f"fh,<sup>a</sup>  "ü,Á,Ä,†,éf<math>\square</math>f,š  fofbtf@,ì,±  ,Æ,Á,·)<math>\square</math>B</p>
<b>F2</b>	<p>fef"f<math>\nu</math>fCE<math>\square</math>[fg,Å  <math>\square</math>AF2 fL<math>\square</math>[,ð  %oŸ,<math>\mu</math>,½CEä,É"  ü—  í,<math>\mu</math>,½ŽŸ,ìfL<math>\square</math>[,<sup>a</sup>  <math>\square</math><sup>3</sup>•úCEü,ÉCEŸ<math>\square</math>  ö,<sup>3</sup>,ê,Ü,·<math>\square</math>B<b>Dos</b>  <b>key</b>  ,É,æ,è<math>\square</math>Afef"f<math>\nu</math>f  CE<math>\square</math>[fg,©,çŽw'è  ,<math>\mu</math>,½•¶Žš,ì'¼'O  ,Ü,Á,ìfefLfXfg,<sup>a</sup>  }"ü,<sup>3</sup>,ê,Ü,·<math>\square</math>B</p>
<b>F3</b>	<p>fef"f<math>\nu</math>fCE<math>\square</math>[fg,ìŽ  c,è,ì•"<sup>a</sup>,<sup>a</sup>fRf}f  "fh f  %ofCf",ÉfRfs<math>\square</math>[,  <sup>3</sup>,ê,Ü,·<math>\square</math>B<b>Dosk</b>  <b>ey</b>  ,É,æ,è<math>\square</math>Afef"f<math>\nu</math>f  CE<math>\square</math>[fg,ÅfRf}f"fh  h f%ofCf",ìfj<math>\square</math>[f<math>\langle</math>  f<math>\langle</math><math>\hat{e}</math>'u,É'í</p>

F4

%ž,·,é^Ê'u,©,ç  
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F5

fef“fvfCE[]fg,ª  
 CE»[]Ý,İfRf}f“fh  
 f  
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F6

CE»[]Ý,İfj[]f\A  
 f<^Ê'u,Éftf@fCf<  
 []l—¹•ŕŽš (**Ctrl**  
 + **Z** fL[]l)  
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F7

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 v,ÉfRf}f“fh,ð'l'  
 ð,µ[]A**Enter**  
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fRf}f“fh,ì'O,ÉfV  
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 ü—í,·,é,Æ□A,±  
 ,ì”Ô□t,ð **F9**  
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 ,±  
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**Alt + F7**  
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**F8**  
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 A—š—  
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**F9**  
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**er** fL□[,ð  
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**Alt + F10**  
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 □B

**fvf□fOf%of€ ,Å Doskey ,ðŽg,α**

fvf□fOf%of~f“fO fffofbfK,Ü,½,ìftf@fCf<“]’—fvf□fOf%of€ (FTP) ,È,ç□A•¶Žšfx□[fX,ì“Á’è,ìî~bCE^fvf□fOf  
 %of€,Å,í□ADoskey fvf□fOf%of€,ªŽ©“®“l,ÉŽg,í,è,Ü,·□BDoskey ,ðŽg,α,É,í□Afvf□fOf%of€,ðfRf“f□[f<

fVf][fZfX,É,μ,ÄAfofbftf@,É"ü,ê,ç,ê,½"ü—Í,đŽg,í,È,^,ê,Ì,È,è,Ü,¹,ñBfvf][fOf%oƒ€ ,lfL[ [Š,,è"– ,Ä,É,æ,èADoskey ,lfL[ [Š,,è"–,Ä,ä-³CEø,É,È,è,Ü,·B,½,¾,Æ,İ,İAfvf][fOf%oƒ€ ,Å%½,ç,©,İ<@"\,É **F7** fl[[,đŽg,κ,Æ[Af]fbfvfAfbfv fEfBf"fhfE,É Doskey fRf}f"fh,Ì—š—đ,đ•Ž!,Å,«,,È,è,Ü,·B

Doskey ,É,æ,èA<N" @,μ,½Šefvf][fOf%oƒ€,lfRf}f"fh—š—đ,ª•ÜŽç,³,êAfvf][fOf%oƒ€ ,lfvf][fvfg,©,ç^È'Œ,lfRf}f"fh,đCEJ,è•Œ,μ,Ä•ŒW,μAfvf][fOf%oƒ€—p,É][—,³,è,½ Doskey f}fNf[ ,đ<N" @,Ä,«,,é,æ,κ,É,È,è,Ü,·Bfvf][fOf%oƒ€ ,đ[—¹,μ,ÄA"~ ,lfRf}f"fh fvf][fvfg fEfBf"fhfE,©,çA<N" @,·,é,ÆA^È'Œ,lfvf][fOf%oƒ€ fZfbvVfjf",©,çRf}f"fh—š—đ,đ~—p,Ä,«,,Ü,·B

**doskey** fXfCfbf` ,lAfvf][fOf%oƒ€,đ<N" @,·,é'Œ,ÉŽÀ[s,μ,Ä,,¾,¾,çBfvf][fOf%oƒ€,Éfvf[< fRf}f"fh,ª, ,Á,Ä,àAfvf][fOf%oƒ€,lfRf}f"fh fvf][fvfg,©,ç **doskey** fXfCfbf` ,đŽg—p,Ä,«,,Ü,¹,ñB

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**Šù'è,ì'}"üf,[fh,đŽw'è,·,é**

**Ins** fl[[,đ%Ÿ,·,ÆAČÉÄ,çfLfxfg,đ'uš,¹, ,ÉAČÉÄ,çfLfxfg,Ì'r'†,É Doskey fRf}f"fh f %oƒCf",lfLfxfg,đ"ü—Í,Ä,«,,Ü,·B,½,¾,μ**Enter** fl[[,đ%Ÿ,·,ÆAfl[[f{[fh,Í'uš:,f{fh,É- ß,è,Ü,·B'}"üf,[fh,É-ß,é,É,ÍA,à,x^è"x **Ins** fl[[,đ%Ÿ,³,È,^,ê,Ì,È,è,Ü,¹,ñB

**/insert** fXfCfbf` ,đŽw'è,·,é,Æ**Enter** fl[[,đ%Ÿ,·,½,Ņ,Éfl[[f{[fh,í}'üf,[fh,É,È,è,Ü,·B**/overstrike** fXfCfbf` ,đŽg,κ,Ü,ÄAfl[[f{[fh,í}'üf,[fh,Ì,Ü,Ü,É,È,Ä,Ä,ç,é,Ì,ÄCEø—!''A,·B**Ins** fl[[,đ %oŸ,·,Æ^èŽž"l,É'uš:,f{fh,É-ß,é,±,Æ,ª,Ä,«,,Ü,·,ª**Enter** fl[[,đ%Ÿ,·,ÆfL[[f{[fh,í}'üf,[fh,É- ß,è,Ü,·B

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Doskey fvf][fOf%oƒ€,đŽg,κ,ÆA1 ,Á^È[ä,lfRf}f"fh,đŽÀ[s,·,é}fNf[ ,đ[—,Ä,«,,Ü,·B ŽŸ,Ì"ÁŽê•Ÿžš,đŽg,κ,Æ[Af}fNf[ ,đ'è<' ,·,é,Æ,«,,ÉfRf}f"fh,Ì€[ ,đ[ÇÄä,Ä,«,,Ü,·B

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 ftfH□[f]fbfg,ì \$1  
 •¶Žš,í□Afofbf`  
 ftf@fCf<,ì %1  
 •¶Žš,Æ“—l,Á,·□B  
 \$\*  
 f}fNf□-¼,đ“ü—  
 Í,·,é,Æ,«,ÉŽw’è,μ,½,¢  
 ,·,×,Ä,lfRf}f“fh f  
 %ofCf“□í•ñ,đ•\  
 ,μ,Û,·□B“ÁŽé•¶Žš \$\*  
 ,í□Afofbf` fpf  
 %of□□[f^ \$1 ,©,ç \$9  
 ,ÉŽ—,½’u,«Š,!,%oÁ“\  
 fpf%of□□[f^,Á,·,ª□A1  
 ,Á,¾,~□d—v,È^á,¢,ª, ,  
 è,Û,·□B,±  
 ,ìéé±,í□AfRf}f“fh f  
 %ofCf“,Áf}fNf□-  
 ¼,ìÆã,É“ü—  
 Í,·,é,·,×,Ä,lf□[f^,ª□Af  
 }fNf□,Á \$\*  
 ,É’ä“ü,³,è,Û,·□B

,½,Æ,!,í□AfffBfXfN,lfN  
 fCfbfN  
 ftfH□[f]fbfg,Æ-  
 ³□đCE□ftfH□[f]fbfg,đŽ  
 Á□s,·,éf}fNf□,đòì□-,·,  
 é,É,í□AZŸ,lfRf}f“fh,đ“  
 ü—l,μ,Û,·□B

doskey qf=format \$1  
 /q /u  
 fNfCfbfN  
 ftfH□[f]fbfg,Æ-  
 ³□đCE□ftfH□[f]fbfg,ì□  
 Ú□×,É,Á,¢  
 ,Ä,í□Aformat  
 fRf}f“fh,đŽQ□Æ,μ,Ä,-  
 ,¾,³,¢□B

**Doskey f}fNf□,đŽÁ□s,·,é**

f}fNf□,đŽÁ□s,·,é,É,í□AfRf}f“fh f%ofCf“,ì 1 CE...-Ú,©,ç}fNf□-¼,đ“ü—l,μ,Û,·□B\$\* ,Û,½,í \$1 ,©,ç \$9  
 ,lfofbf` fpf%of□□[f^,ì,¢,·,é,©,đŽg,Á,Áf}fNf□,đ’è<` ,μ,½□éé±,í□AfXfy□[fX,ÁŠefpf  
 %of□□[f^,đ<æ□Ø,Á,ÁŽw’è,μ,Û,·□B  
 □ä<L,ì—á,Á□ì□-,μ,½ QF f}fNf□,đŽÁ□s,·,é,Æ□Afhf%ofCfu A ,lfffBfXfN,đ,·,î,â,-  
 ³□đCE□,ÉftfH□[f]fbfg,Á,«,Û,·□B,»,ì,½,ß,É,í□AZŸ,lfRf}f“fh,đ“ü—l,μ,Û,·□B

qf a:

f}fNf}f"fh,Æ" ,1-¼'O,Âf}fNf,đ"i"–,·,é

**Windows NT fRf}f"fh,Æ" ,1-¼'O,Âf}fNf,đ"i"–,·,é**

Windows NT fRf}f"fh,Æ" ,1-¼'O,đŽ,Âf}fNf,đ"i"–,Â,«,Ü,·B,±,ì•û-

@,íAí,É"Á'è,ìXfCfbf` ,đ•t, ,Ă"Á'è,ìRf}f"fh,đŽg,æé±,È,Ç,É•Ö—~ ,Â,·Bf}fNf,Æ Windows NT

fRf}f"fh,ì,Ç,ì,ç,đŽÀ[s,μ,½,ç, ©,đŽw'è,·,é,É,íAZŽ,ìKfCfhf%ofCf",É],Á,Ä'€ì,μ,Ä,¾,¾,çB

■ f}fNf,đŽÀ[s,·,é,É,íAfrf}f"fh fvff"fvfg,ì¼CEä, ©,çAfvff"fvfg,ÆfRf}f"fh-

¼,ìŠÖ,ÉXfy[fX,đ<ó, , ,Éf}fNf-¼,đ"ü—í,μ,Ü,·B

■ fRf}f"fh,đŽÀ[s,·,é,É,íAfrf}f"fh fvff"fvfg,ÆfRf}f"fh-¼,ìŠÖ,É 1 ,Á^Èä,ìXfy[fX,đ' }"ü,μ,Ü,·B

**f}fNf,đ"i"œ,·,é**

f}fNf,đ"i"œ,·,é,É,íAZŽ,ìRf}f"fh,đ"ü—í,μ,Ü,·B

doskey f}fNf-¼ =

Doskey ,ÉŠÖ,·,éÚ×î•ñ

■ Doskey---á

■ Doskey



## Doskey---á

**/macros** , ,æ,Ñ **/history** fXfCfbf` ,íA}fNf,ÆfRf}f“fh,ð•Ú‘¶, ,éfofbf` ftf@fCf<,ðíí-, ,ééé,É—  
LCEø,Ä,·B,½,Æ,í,íACE»Ý,ì Doskey f}fNf,ð,·,×,ÄŠí“[, ,é,É,íAZÿ,lfRf}f“fh,ð“ü—í,µ,Ü,·B

doskey /macros > macinit

MACINIT ,ÉŠí“[, ,é,Ä,ç,éf}fNf,ðŽg,æ,É,íAZÿ,ì,æ,æ,É“ü—í,µ,Ü,·B

doskey /macrofile=macinit

Å<ßŽg,Á,½fRf}f“fh,“ü,Á,Ä,ç,éfofbf` ftf@fCf< TMP.BAT ,ðíí-, ,é,É,íAZÿ,lfRf}f“fh,ð“ü—í,µ,Ü,·B

doskey /history > tmp.bat

•í“ ,lfRf}f“fh,ðŽ,Äf}fNf,ð‘è< , ,é,É,íA\$**t** ,ðŽg,Á,ÄŠefRf}f“fh,ðŽÿ,ì,æ,æ,É<æø,è,Ü,·B

doskey tx=cd temp\$tdir/w \$\*

Å<L,ì—á,ÅATX f}fNf,É,æ,èCE»Ý,íffBfCEfNfgfŠ,ª TEMP ,É•íX,³,éAfffBfCEfNfgfŠ^è—,áfCfh•\  
Ž|CE`Ž@,Á•Ž|,³,é,Ü,·Bf}fNf,ìí,í,è,É \$\* ,ðŽg,æ,ÆATX ,ìŽÅsŽž,É **dir** fRf}f“fh,É,Ü,©,lfXfCfbf` ,ð•t,  
%Å,í,é,±,Æ,ª,Ä,«,Ü,·B

Žÿ,lf}fNf,Ä,íAV,µ,çfffBfCEfNfgfŠ-¼,Éfofbf` fpf%o[f^ ,ªŽg,í,è,Ü,·BÅ%o

,ÉAV,µ,çfffBfCEfNfgfŠ,ªí-,³,éACE»Ý,íffBfCEfNfgfŠ,©,ç•íX,³,é,Ü,·B

doskey mc=md \$1\$tdc \$1

ã<L,lf}fNf,ðŽg,Á,ÄfffBfCEfNfgfŠ BOOKS ,ðíí-,µA,»,±,É•íX, ,é,É,íAZÿ,ì,æ,æ,É“ü—í,µ,Ü,·B

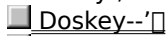
mc books

“Á`è,lfvfOfo%œ ( ,±,ìéé,í FTP.EXE) —p,ì Doskey f}fNf,ðíí-, ,é,É,íA/**exename** fXfCfbf` ,ðŽg,ç  
,Ü,·B

doskey /exename:ftp.exe go=open 126.127.1.100\$tmget \*.TXT c:\reports\$bye

Å<L,lf}fNf,ðŽg,æ,É,í**Aftp** ,ð<N“®,µ,Ü,·B**ftp** fvf“fvfg,ªo,½,ç**Ago** ,Æ“ü—í,µ,Ü,·B**ftp** ,É,æ,è  
**open**AmgetA, ,æ,Ñ **bye** fRf}f“fh,ªŽÅs,³,é,Ü,·B

Doskey ,ÉŠÖ, ,éÚ×í•ñ



Doskey--'



Doskey



### Dosonly

MS-DOS fx[]fX^ÈŠÖ,lfAfvfšfP[]fVf#f“,í[]ACOMMAND.COM fvf[]f“fvfg,©,ç<N“® ,Å,«,È,†,æ,¤,É,μ,Û,·[]B

### dosonly

Dosonly ,ÉŠÖ,·,é[]Ú[]×[]î•ñ

Dosonly--'[]

Dosonly---á

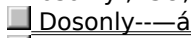


### Dosonly--'

^ê”É,ÉAMS-DOS fx[]fX,ìfAfvfŠfP[]fVf#f“,ð[]—1,·,é,ÆAWindows NT ,í Windows NT fRf}f“fh  
 fCf“f^fvfŠf^ACMD.EXE ,É-ß,è,Ü,·B,½,¾,μASù’è,ìY’è,Å,íATSR ,ðŽÀ[]s,·,é,©A,Ü,½,í MS-DOS  
 fx[]fX,ìfAfvfŠfP[]fVf#f“,ð^èŽž“l,É’t’f,μ,ÄfRf}f“fh fvf[]f“fvfg,É-ß,é,ÆAMS-DOS ŠÅ«—p,ìfRf}f“fh  
 fCf“f^fvfŠf^,Å, ,é COMMAND.COM ,ªŽÀ[]s,ª,è,Ü,·B,±,ê,É,æ,èAMS-DOS ŠÅ«ª,ª•ÜŒi,ª,èATSR  
 ,ð’![]À,ÉŽg,ì,é,æ,ª,É,È,è,Ü,·B

COMMAND.COM fvf[]f“fvfg,©,ç,Ü,©,ìží—b,ìfAfvfŠfP[]fVf#f“,ð<N“®,μAZÀ[]s,·,é,ÆATSR  
 ,Ü,½,ì’t’f,ª,è,½ MS-DOS fx[]fX,ìfAfvfŠfP[]fVf#f“,ì-W,°,É,È,é,±,Æ,ª, ,é,ì,ÅAWindows NT ,í **dosonly**  
 fRf}f“fh,ð’ñ<Ÿ,μ,Ü,·B**dosonly** fRf}f“fh,ðŽg,ª,ÆAMS-DOS fx[]fX,ìfAfvfŠfP[]fVf#f“,¾,¯,ð  
 COMMAND.COM fvf[]f“fvfg,©,ç<N“®,Å,«,Ü,·BCONFIG.NT ftf@fCf<A,Ü,½,ìfAfvfŠfP[]fVf#f“,ì PIF  
 ,ì“~“™,ìjffXf^f€<N“®ftf@fCf<,É**Adosonly** fRf}f“fh,ð<L[]q,Å,«,Ü,·B

Dosonly ,ÉŠÖ,·,éÚ[]×[]î•ñ







**Dosonly---**á

**dosonly ,ð CONFIG.NT ftf@fCf<A,Ü,½,í PIF ,ÅŽw'è,<sup>3</sup>,ê,½ Config <N“@ftf@fCf<,É<Lq,μ,Ü,-B**

dosonly

Dosonly ,ÉŠÖ,,:éÚ×î•ñ

Dosonly--'

Dosonly



### Driveparm

Windows NT ,Æ MS-DOS fAfvfŠfP□[fVf#f“ ,í□A,±,ìfRf}f“fh,É‘í,μ,Ä“ ©□i,μ,Ü,<sup>1</sup>,ñ□BMS-DOS  
ftf@fCf<,Æ,ìŒYŠ·□<,đŠm•Ū,·,·,é,½,ß,É,¾,¯—p^Ó,<sup>3</sup>,ê,Ä,ç,Ū,·□B



### Echo

fRf}f“fh fGfR[<@“\,đfif“,Û,½,í|ft,É,·,é,©A, ,é,ç,íAfbfZ[fW,đ•\Ž!,³,¹,Û,·B

**echo** [on | off] [fbfZ[fW]

**fpf%of[f^**

**on | off**

fRf}f“fh fGfR[<@“\,đfif“,É,·,é,©A|ft,É,·,é,©,đŽw’è,μ,Û,·BCE»Ý,ì **echo** Ý’è,đ•\Ž!,·,é,É,íAfpf  
%of[f^,đ•t,·,É **echo** fRf}f“fh,đŽg,ç,Û,·B

f|fbfZ[fW

%æ-É,É•\Ž!,³,¹,½,çfefLfXfg,đŽw’è,μ,Û,·B

ŠÖ~A[€-Ú



**Pause**  
Echo ,ÉŠÖ,·,éÚ×î•ñ



**Echo--’**



**Echo---á**



Echo--''

echo fRf}f"fh,Åf□fbfZ□[fW,ðŽg,κ

echo f□fbfZ□[fW fRf}f"fh,í□Aecho ,³fift,É,È,Á,Ä,ç,é,Æ,«,—LÆø,Å,·□B,Û,©,lfRf}f"fh,ð•\ Ž!,³,¹,,É□A',³,a•;□"□s•ª,lf□fbfZ□[fW,ð•\Ž!,·,é,É,í□Afofbf` ftf@fCf<,Å echo off fRf}f"fh,ìÆä,É□A•;□",ì echo f□fbfZ□[fW fRf}f"fh,ð'Ç%oÁ,Å,«,Û,·□B

fRf}f"fh fvf□f"fvfg,ð%oB,·

fRf}f"fh f%ofCf",Å echo off fRf}f"fh,ðŽg,κ,Æ□AfRf}f"fh fvf□f"fvfg,í%oæ-É,É•\Ž!,³,è,Û,¹,ñ□BfRf}f"fh fvf□f"fvfg,ð□Ä,Ñ•\Ž!,³,¹,é,É,í□Aecho on ,Æ"ü—í,μ,Û,·□B

□s,ðfGfR□[,³,¹,È,ç,æ,κ,É,·,é

fofbf` ftf@fCf<,ÅfRf}f"fh,ì'O,É fAfbfgf}□[fN (@) ,ð'"}ü,·,é,Æ□A,»,ì□s,lfGfR□[,³,è,È,,È,è,Û,·□B

<ó"□s,ðfGfR□[,³,¹,é

%oæ-É□ä,Å<ó"□s,ðfGfR□[,³,¹,é,É,í□Aecho ,Æ"ü—í,μ,Ä,©,çfsfŠfifh 1 ÆÄ,ð"ü—í,μ,Û,· (echo.)□BŠÖ,ÉfXfy□[fX,ð<ó,¯,È,ç,Ä,,¾,¾,ç□B

fpfCfv,ÆfŠf\_fCfÆfNfg•¶Žš,ð•\Ž!,·,é

echo fRf}f"fh,Å,í□AfpfCfv (|) ,Û,½,lfŠf\_fCfÆfNfg•¶Žš (<,Û,½,í>) ,ð•\Ž!,³,¹,é,±,Æ,í,Å,«,Û,¹,ñ□B

Echo ,ÉŠÖ,·,é□Ú□×□î•ñ

Echo---á

Echo



### Echo---á

ŽŸ,ì—á,í□A3 □s,ìf□fbfZ□[fW,Æ□A,»),ì'OCEã,É 1 □s,ì<ó''' ,ð•\Žì, ,éfofbf` ftf@fCf<,ðŽ!,μ,Ä,ç,Ü,·□B

echo off

echo.

echo ,±,ìfofbf` ftf@fCf<,í

echo □V,μ,çfffBfXfN,ðftfH□[f}fbfg,μ,Ä

echo f`fFfbfN,μ,Ü,·.

echo.

**echo** ,ðfìft,É,μ,½,ç□ê□‡,É□A**echo** fRf}f“fhŽ©‘ì,ðfGfR□[.³,¹,½,,È,˘,ê,î□AZŸ,ì,æ,‡

,ÉfRf}f“fh,ì'O,ÉfAfbfgf}□[fN (@) ,ð'Ç%Á,μ,Ü,·□B

@echo off

ŽŸ,ì,æ,‡,É□A“˘ ,ìfRf}f“fh f%ofCf“,Å **if** ,˘,æ,ñ **echo** fRf}f“fh,ðŽg—p,Ä,«,Ü,·□B

if exist \*.rpt echo The report has arrived.

Echo ,ÉŠÖ,·,é□Ú□×□î•ñ



Echo--'□



Echo



### Echoconfig

MS-DOS fTfufVfXfef€, ðCEÄ, Ño, ð, è, é, ÆAMS-DOS fTfufVfXfef€, ì CONFIG.NT , Æ AUTOEXEC.NT  
, ìŽÄs't, ÉfbfZ[fW, ð•Ž!, µ, Ü, ·B, ±, ìfRf}f"fh, ð'¶Y, µ, È, -, è, ÌAfbfZ[fW, ð•Ž!, µ, Ü, ðB  
, ±, ìfRf}f"fh, ÌAMS-DOS fTfufVfXfef€, ì CONFIG.NT ftf@fCf<, É"ü, è, Ä, , ð/4, ð, çB

### echoconfig



**Edit**

, ,r,b,h,h feJLfXfg ftf@fCf<,l)0-0A, ,æ,Ñ•i0X,ð0s, MS-DOS Editor ,ð<N“® ,μ,Ü,·0B

**edit** [[fhf%ofCfu:][fpfX] ftf@fCf<-¼] [/b] [/g] [/h] [/nohi]

**fpf%of0[f^**

[fhf%ofCfu:][fpfX] ftf@fCf<-¼

ASCII feJLfXfg ftf@fCf<,i•Ú‘¶0ê0Š0A, ,æ,Ñ-¼‘O,ðŽw’è,μ,Ü,·0Bftf@fCf<,a‘¶0Ý,μ,È,ç  
,Æ,«,í0AŽ““““l,É0i,è,Ü,·0Bftf@fCf<,a‘¶0Ý,·,é,Æ,«,í0Aftf@fCf<,ðŠ],«“à—e,ð%æ-Ê,É•Ž!,μ,Ü,·0B

**/b**

”“••\Ž!,Å MS-DOS Editor ,ð<N“® ,μ,Ü,·0BMS-DOS Editor ,af,fmfNf[] f,fff^,Å³[]í,É•\Ž!,³,è,È,ç,Æ,«0A,±  
,lfvfVf#f“,ðŽw’è,μ,Ü,·0B

**/g**

CGA f,fff^,Å0A%æ-Ê,ð0,‘-,É0X0V,·,é,Æ,«,ÉŽw’è,μ,Ü,·0B

**/h**

Žg—p,·,éf,fff^,Å%Å“\,É0Å‘â0s0”,ð•\Ž!,μ,Ü,·0B

**/nohi**

MS-DOS Editor ,ð 8 []Ff,fff^,ÅŽg—p,Å,«,é,æ,π,É,μ,Ü,·0B‘É[]AWindows NT ,í 16 []F,ðŽg,ç,Ü,·0B

’0^Ó



QBASIC.EXE ,aCE»[]Ý,lfBfCEfNfgfŠ[]ACEÝ[]ðfpfX[]A,Ü,¼,í EDIT.COM  
ftf@fCf<,Æ““,¶ffBfCEfNfgfŠ,É,È,ç,Æ[]AMS-DOS Editor ,í““[]i,μ,Ü,¹,ñ[]Bfn[]fh fffBfXfN,i<ó,«—e—  
É,ðŠm•Ú,·,é,¼,ß,É QBASIC.EXE ,ð[]í[]œ,·,é,Æ[]AMS-DOS Editor ,íŽg—p,Å,«,Ü,¹,ñ[]B



,±,lfRf}f“fh,í[]APC-9800 fVfŠ[]fY,Å,lfTf[][]fg,³,è,Ü,¹,ñ[]B

’[]



f,fff^,ì‘+,É,í[]Af[]fif...[][ fRf}f“fh,lfVf#[][]fgfjfbfg fL[][],ì•\Ž!,ðŠù’è,ì[]Ý’è,ÅfTf[][]fg,μ,Ä,ç,È,ç  
,à,ì,à, ,è,Ü,·0Bf,fff^,ÉfVf#[][]fgfjfbfg fL[][],a•\Ž!,³,è,È,ç,Æ,«,í[]A/b fXfCfbf` (CGA f,fff^,ì[]ê[]#)[]A, ,æ,Ñ /nohi  
fXfCfbf` (f{[][f<fh•¶Žš,lfTf[][]fg,ð,μ,Ä,ç,È,çfVfXfef€,ì[]ê[]#),ðŽg—p,μ,Ä,,¾,¾,ç[]B



### Endlocal

f of bf` ftj@fCf<,Á,ìŠÂ««•ï□”,lf□□[ff%ofCfY,ð□I—<sup>1,3</sup>,<sup>1</sup>□ACE<sup>3</sup>,ì□Ý’è,É•œCE<sup>3</sup>,μ,Ü,·□Bsetlocal fRf}f“fh,ðŽg—  
p,μ,<sup>1</sup>/<sub>2</sub>,ç□Aendlocal fRf}f“fh,ÁŠÂ««•ï□”,ð•œCE<sup>3,3</sup>,<sup>1</sup>,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B

### endlocal

ŠÖ~A□€-Ú



### Setlocal

Endlocal ,ÉŠÖ,.,é□Ú□×□î•ň



### Endlocal---á





### Endlocal---

```
fofbf` ftj@fCf<,ÅŠÅ<<•i" ,ðf[]fj%ofCfY,Å,«,Ü,·B
@echo off
rem ,±,lfvf[]Of%of€,íflfbfgf[]fN,Å superapp ,Æ,ç,xfobf` ftj@fCf<,ð<N"®,μ,Ä,
rem Ç<%oÊ,ðftj@fCf<,Éo—í,μ,½Çä, Notepad,Å rem ftj@fCf<,ð•Ž!,μ,Ü,·
setlocal
path=g:\programs\superapp;%path%
call superapp>c:\superapp.out
endlocal
start notepad c:\superapp.out
Endlocal ,ÉŠÖ,·,é[]Ú[]×[]î•ñ
Endlocal
```



Endlocal



### Exe2bin

.EXE (ŽÄs%Å") ftj@fCf<,đfofCfifŠCE`Ž®,É•İŠ·,μ,Û,·B

**exe2bin ,íAfvfXfef€ŠJ”ŽÒCEü, -,ìft[frfX,Æ,μ,Ä Windows NT ,É’g,Yž,Û,é,Ä,ç  
,Û,·B^è”È,ìft[fU[,É,Í—LCEø,Ä,Í, ,è,Û,<sup>1</sup>,ñB**

**exe2bin** [fhf%ofCfu 1:][fpfX 1] “ü—íftj@fCf< [[fhf%ofCfu 2:][fpfX 2]o—íftj@fCf<}

**fpf%of** [f^

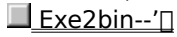
[fhf%ofCfu 1:][fpfX 1] “ü—íftj@fCf<

“ü—íftj@fCf<,ìêŠ,Æ-¼’O,đŽw’è,μ,Û,·B

[fhf%ofCfu 2:][fpfX 2] o—íftj@fCf<

o—íftj@fCf<,ìêŠ,Æ-¼’O,đŽw’è,μ,Û,·B

Exe2bin ,ÉŠÖ,·,éÚ×î•ñ





**Exe2bin--'**

**exe2bin ,ižg,č•û,ÉŠÖ,.,éšCEAZ-€**

**exe2bin** fRf}f"fh,žg,æ,«.,É,íAŽŸ,íšCEAZ-€,"K-p,³,è,Û,·B

1bmct bullet.bmp} "ü—łtf@fCf<,íAšf"j,É,æ,èłł-³,è,½—LCEø,È .EXE CE`Ž@,ÁAfpfbfN,³,è,Ä,č ,É,č,à,ì,Ä,É, ,è,ì,È,è,Û,¹,ňB



ftf@fCf<,í"•"•A,Û,½,ÍŽÀÛ,łRf}f"fh,æffłf^•"•,íAłł,í,¹,Ä 64KB -č-ž,Ä,È, ,è,ì,È,è,Û,¹,ňB



**stack** fZfOf"fg, ,Ä,Ä,í,È,è,Û,¹,ňB

**fpf%ffłf^,ìšù'è'l**

**exe2bin** fRf}f"fh,Ä,íA"ü—łtf@fCf<,"æ,Ńo—łtf@fCf< fpf%ffłf^,Éžg,æ'l,É

%ž,ł,ÄA"Á'è,ì'€ł,žÅs,³,è,Û,·B



"ü—łtf@fCf<,É,Ä,č,Žw'è,.,étf@fCf<-¼,ìšù'è,łtf@fCf<-¼šg'£žq,í .EXE ,Ä,·B**exe2bin**

fRf}f"fh,É,æ,èA"ü—í .EXE ftf@fCf<,í .BIN CE`Ž@ (fvfłOf%€,łfłfš fCfłłfW),íło—

łtf@fCf<,É•İŠ,³,èłAłfhf%łCfu 2:łfłX 2] ło—łtf@fCf<,Žw'è,μ,½èšš,ætf@fCf<-¼,žg,í,è,ÄA,»),íło—



łtf@fCf<,šš"l,³,è,Û,·B



fhf%łCfu 2,Û,½,łfłX 2,žw'è,μ,È, ,è,íA**exe2bin** ,É,æ,èło—łtf@fCf<,íCE>Ÿ,łfhf



%łCfu, ,æ,ŃffBfłfNfłš,Éł',«ž,Û,è,Û,·B



ło—łtf@fCf<-¼,žw'è,μ,È, ,è,íA"ü—łtf@fCf<-¼,žg,í,è,Û,·B



ło—łtf@fCf< fpf%ffłf^,Žw'è,.,étf@fCf<-¼,ìšù'è,ìšg'£žq,í .BIN ,Ä,·B

**exe2bin ,Ä~—p,Ä,«.,éšİŠ,ìží—p**

.EXE ftf@fCf<,Ä%šš,ì CS:IP (fRłfh fZfOf"fgłf -½—łfłCf"f^),žw'è,³,è,Ä,č,é,©,Č,æ,©,É

%ž,ł,ÄAŽŸ,ì 2 Ží—p,ìİŠ,ž—~—p,Ä,«,Û,·B



.EXE ftf@fCf<,Ä CS:IP ,žw'è,³,è,Ä,č,È, ,è,íA**exe2bin**



,É,æ,èłf^,ÉfłCfłš•İŠ,žÅs,³,è,Û,·BfZfOf"fg,ł fixup ,ä•K—v,Ä, ,è,ì (,Ä,Û,èAfvfłOf%€ ,ÉfZfOf"fg,íA'z'u,ž•K—v,Æ,.,é-½—ł,ž"ü,Ä,Ä,č,éèłł)Afixup 'l,ì"ü—í,žł,ł,éłłfłZłłfW,ä•\ Ž,ì,μ,·B,±,ì'l,íAfvfłOf%€,ä"Č,Ÿž,Û,è,éłł'łfZfOf"fg,Ä,·B,±,ì,æ,æ,ÉfvfłOf%€,íAfvfłOf%€ ,Žw'è,μ,½èšš'łfłfš fAfhfłX,É"Č,Ÿž,Û,è,éèłł,É,¾,~žg,æ,±,Æ,ä,Ä,«,Û,·BfRf}f"fh fCf"f^fvfšf^,Ä,íA,±,łfvfłOf%€,ž"Č,Ÿž,ł,Û,¹,ňB



CS:IP ,ä 0000:100H ,Æ,μ,Žw'è,³,è,Ä,č,éèłłAftf@fCf<,í .COM



ftf@fCf<,Æ,μ,ŽÅs,³,èAfvf"fufo fXfłłfgłf"fg ORG ,É,æ,è-½—łfłCf"f^,ä 100H ,ÉŸ'è,³,è,Û,·Bło —łtf@fCf< fpf%ffłf^,Éšg'£žq .COM ,žw'è,μ,Ä,¾,³,čłB.COM ftf@fCf<,Ä,łfZfOf"fg,žÅ"z'u,Ä,«,È,č ,ì,ÄAfvfłOf"fg,ž fixup ,Ä,«,Û,¹,ňB,Ä,Û,èAMicrosoft Macro Assembler f}fj...fAfvfłOf%€,Éfłł,³,è,Ä,č,é"ü— íłđCEł,ž'z'è,μ,Ä,¾,³,čłBfRf}f"fh fCf"f^fvfšf^,íAWindows NT fffBfłN,É"ü,Ä,Ä,č,é .COM fvfłOf%€ ,ž"Č,Ÿž,ň,ŽÅs, ,é,Æ,«,Æ" ,ł•û-@,ÄA,±,łfvfłOf%€,ž"Č,Ÿž,ň,ŽÅs,Ä,«,Û,·B

Exe2bin ,ÉŠÖ,.,éšŮxłf•ň



Exe2bin



**Exit**

CMD.EXE fvf□Of%of€ (fRf}f“fh fCf“f^fvfŠf^ ) ,đ□I—<sup>1</sup>,μ,Ä□ACMD.EXE ,đ<N“ @,μ,½fvf□Of%of€ ,đ‘¶□Y,·,é□é□#,í,»,ífvf□Of%of€,É-β,é,©□A,Ü,½,ífvf□Of%of€ f}fI□[fWff,É-β,è,Ü,·□B

**exit**



**Expand**

^3[]k,3,ê,Ä,ç,é 1 ,Â^È[]ã,lf@fCf<,ð•œCE³,μ,Ü,·[]B,±,lfRf}f“fh,íA^³[]k,3,ê,Ä,ç  
,étf@fCf<,ð”z•zfffBfXfN,©,ç•œS^,³,¹,é,½,ß,ÉŽg,ç,Ü,·[]B

**expand [-r]** “WŠJCE³ [“WŠJ[]æ]

**fpf%of[]f^**

**-r**

Šg'É,³,ê,½ftf@fCf<,ì-¼'O,ð•İ[]X,μ,Ü,·[]B

“WŠJCE³

“WŠJ,·,étf@fCf<,ðŽw'è,μ,Ü,·[]B“WŠJCE³,í[]Afhf%ofCfu-¼,ÆfRf[]f“[]AfffBfCEfNfgfŠ-¼[]Aftf@fCf<-  
¼[]A,Ü,½,í,»),ì'g,Ý[]#,í,¹,©,ç[]\[]¬,Ä,«,Ü,·[]Bf[]fCf<fhfj[]fh,àŽg—p,Ä,«,Ü,·[]B

“WŠJ[]æ

ftf@fCf<,ð“WŠJ,·,é[]ê[]Š,ðŽw'è,μ,Ü,·[]B“WŠJCE³,ª•;[]”,ì[]ê[]Š,Ä, ,é,Æ,«,É **-r**  
,ðŽw'è,μ,È,ç[]ê[]#,í[]A“WŠJ[]æ,ðfffBfCEfNfgfŠ,É,μ,Ä,,¾,¾,ç[]B“WŠJ[]æ,í[]Afhf%ofCfu-  
¼,ÆfRf[]f“[]AfffBfCEfNfgfŠ-¼[]Aftf@fCf<-¼[]A,Ü,½,í,»),ì'g,Ý[]#,í,¹,©,ç[]\[]¬,Ä,«,Ü,·[]B



## Fastopen

Windows NT ,Æ MS-DOS fTfufVfXfef€ ,Å, íA, ±, ìfRf}f“fh, íŽg, ç, Ü, <sup>1</sup>, ñBMS-DOS  
ftf@fCf<, Æ, ìŒYŠ·< , đŠm•Ū, ·, é, ½, ß, É, ¾, -p^Ó, <sup>3</sup>, ê, Ä, ç, Ü, ·B



**Fc**

2 ,Ä, ðftf@fCf<, ð" äŠr, µ, Ä□A—¼ŽÒ, ð^á, ç, ð•\Ž!, µ, Ü, ·□B

**fc** [/a] [/b] [/c] [/l] [/lbn] [/n] [/t] [/u] [/w] [/nnnn] [fhf%ofCfu 1:] [fpfX 1] ftf@fCf<-¼ 1 [fhf%ofCfu 2:] [fpfX 2] ftf@fCf<-¼ 2

**fpf%of□□f^**

**/a**

ASCII " äŠr, ð□o—í, ð□É—ª, µ, Ü, ·□B^ á, ç, ª, , é□s, ð, ·, x, Ä•\Ž!, ·, é' ä, í, è, É□A^ á, ç, ð, ðW□±, ª, Ä, É□æ"ª□s, Ä□Ä□□s, ¾, ¯, ð•\Ž!, µ, Ü, ·□B

**/b**

ftf@fCf<, ðfofCfifŠ f, □□fh, Ä" äŠr, µ, Ü, ·□B2 , Ä, ðftf@fCf<, ðfofCfg, ª, Ä, É" äŠr, µ, Ä□A, ç, Ä, ½, ð' Š^ á %ó□Š, ªCE©, Ä, ©, é, Äftf@fCf<, í□Ä, Ñ"~Šú, ð, Ä, è, x, Ä, µ, Ü, ª, ð□B, ±, è, í□AŠg'£Žq .EXE□A.COM□A.SYS□A.OBJ□A.LIB□A, Ü, ½, í .BIN ,ª•t, ç, Ä, ç, éftf@fCf<, ð" äŠr, ·, é□é□±, ðŠù'è, ðf, □□fh, Ä, ·□B

**/c**

' ä•¶Žš, Ä□-•¶Žš, ð<æ•É, µ, Ü, ª, ð□B

**/l**

ftf@fCf<,ª ASCII f, □□fh, Ä" äŠr, ª, è, Ü, ·□B2 , Ä, ðftf@fCf<, í□s, ª, Ä, É" äŠr, ª, è□A' Š^ á %ó□Š, ªCE©, Ä, ©, é, Äftf@fCf<, í□Ä, Ñ"~Šú, ð, Ä, è, x, ÄŽŽ, Ý, Ü, ·□B, ±, è, í□AŠg'£Žq .EXE□A.COM□A.SYS□A.OBJ□A.LIB□A, Ü, ½, í .BIN ,ª•t, ç, Ä, ç, È, çftf@fCf<, ð" äŠr, ·, é□é□±, ðŠù'è, ðf, □□fh, Ä, ·□B

**/lbn**

" ä•"□sfofbftf@—p, ð□s□" , ð□Ý'è, µ, Ü, ·□B□sfofbftf@, ðŠù'è, ð' , ª, í 100 □s, Ä, ·□B" äŠr't, ðftf@fCf<, Ä~A'± , ·, é•s^è'v□s, ª, ±, ð□" , ð' , ð, é□é□±, í□A" äŠr, ªŽæ, è□Ä, ª, è, Ü, ·□B

**/n**

ASCII " äŠr't, É□s" Ó□t, ª•\Ž!, ª, è, Ü, ·□B

**/t**

f^fu, ðfXfy□[fX, ÉŠg'£, µ, Ü, ª, ð□BŠù'è, ð" ®□, Ä, í□Af^fu, í 8 CE...•ª, ð^É'u, Ü, Ä, ðfXfy□[fX, É"WŠJ, ª, è, Ü, ·□B

**/u**

Unicode fefLfXfg ftf@fCf<, Ä, µ, Äftf@fCf<, ð" äŠr, µ, Ü, ·□B

**/w**

" äŠr't, Éfzf□fCfg fXfy□[fX (f^fu, ÄfXfy□[fX) ,ª^ª□k, ª, è, Ü, ·□B1 □s, É~A'± , µ, Ä'½□" , ðfXfy□[fX, Ü, ½, ðf^fu,ª"ü, Ä, Ä, ç, é□é□±, í□A/w fXfCfbf^ , É, æ, è, ±, è, ç, ð•¶Žš, í'P^è, ðfXfy□[fX, Ä, µ, Ä□ —□, ª, è, Ü, ·□B**fc** , É /w fXfCfbf^ , ð•t, ¯, ÄŽg, x, Ä□A□s"ª, Ä□s--, É, , éfzf□fCfg fXfy□[fX, í-³Ž<, ª, è, Ü, · (Ü, ½□A" äŠr, ª, è, Ü, ª, ð)□B

**/nnnn**

ftf@fCf<,ª□Ä"~Šú, Ä, «, ½, ÄCE©, È, ª, è, é'O, É^è'v, µ, È, ¯, è, Î, È, ç, È, ç~A'± , ·, é□s□" , ðŽw'è, µ, Ü, ·□Bftf@fCf<, Ä^è'v, ·, é□s□" , ª, ±, ð□"l, æ, è, à□-, ª, ¯, è, ð□A^è'v, ·, é□s□" ,ª^á, ç, Ä, µ, Ä•\Ž!, ª, è, Ü, ·□BŠù'è'l, í 2 , Ä, ·□B

[fhf%ofCfu 1:] [fpfX 1] ftf@fCf<-¼ 1

" äŠr, µ, ½, ç^æ 1 , ðftf@fCf<, ð□é□Š, Ä-¼'O, ðŽw'è, µ, Ü, ·□B

[fhf%ofCfu 2:] [fpfX 2] ftf@fCf<-¼ 2

"äŠr,μ,½,ç'æ 2 ,lftf@fCf<,ìéŠ,Æ-¼'O,đŽw'è,μ,Û,·B

Fc ,ÉŠÖ,·,éÚ×î•ñ

■ Fc--'□

■ Fc---á





**Fc--'□**

**ASCII "äŠr—p,É•i□"ftf@fCf<ŠÖ,ì^á,ç,ðfÆf|□[fg,-,é**

ASCII "äŠr,É fc ,ðŽg,¼,Æ□A'æ 1 ,ìftf@fCf<,ì-¼'O,ìÆä,É□Aftf@fCf<-¼ 1 ,©,ç-¼•ù,ìftf@fCf<ŠÖ,À^á,ç  
,ª, ,é□s,ª•\Ž|,³,é□AZŸ,É-¼•ù,ìftf@fCf<,À^è'v,·,é□Å□%o,ì□s,ª•\Ž|,³,é,Ü,·□BŽŸ,É□A'æ 2 ,ìftf@fCf<,ì-  
¼'O,ìÆä,É□Aftf@fCf<-¼ 2 ,©,ç^á,ç,ª, ,é□s,ª•\Ž|,³,é□A^è'v,·,é□Å□%o,ì□s,ª•\Ž|,³,é,Ü,·□B

fofCfifŠ"äŠr,É /b fXfCfbf` ,ðŽg,¼

Windows NT ,À,ì□AfofCfifŠ"äŠr't,ÉÆ©,À,©,Á,½•s^è'v,ªŽŸ,ìÆ`Ž® ,ÁfÆf|□[fg,³,é,Ü,·□B

xxxxxxxx: yy zz

xxxxxxxx ,ìl,ì□Aftf@fCf<,ì□æ"ª,©,çEv'ª,µ,½fofCfg,ì'í,ì'S'í 16

□ifAfhfÆfX,ðŽw'è,µ,Ü,·□BŠefAfhfÆfX,ì□A0000000 ,ÁŽn,Ü,è,Ü,·□Byy ,Æ zz ,ì 16 □'l,ì□A,¼,è,¼,è  
ftf@fCf<-¼ 1 ,Æ ftf@fCf<-¼ 2 ,©,ç,ì•s^è'vfofCfg,ð•λ,µ,Ü,·□B

f□fCf<fhfj□[fh,ðŽg,¼

**fc** fRf}}f"fh,ÁŽw'è,·,éftf@fCf<-¼,ì^è•ù,É□Aftf@fCf<fhfj□[fh (? ,Æ \*) ,ðŽg,¼,±,Æ,ª,À,«,Ü,·□Bftf@fCf<-¼ 1  
,Éftf@fCf<fhfj□[fh,ðŽg,¼,Æ□AZw'è,µ,½,·,×,À,ìftf@fCf<,ªftf@fCf<-

¼,ÁŽw'è,µ,½ftf@fCf<,Æ"äŠr,³,é,Ü,·□Bftf@fCf<-¼ 2 ,Éftf@fCf<fhfj□[fh,ðŽg,¼,Æ□Aftf@fCf<-¼ 1 ,©,ç,» ,é,É'í  
%ž,·,é'l,ªŽg,ì,é,Ü,·□B

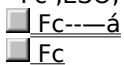
fc ,É,æ,éftf@fCf<,ìŽg,ç•ù

ASCII ftf@fCf<,ð"äŠr,·,é□è□#,É□Afc ,À,ì"à•"fofbftf@ (100 □s,ð•ÜŽ□,À,« ,é'á,« ,³) ,ª<L%o—  
ì^æ,Æ,µ,ÁŽg,ì,é,Ü,·□Bftf@fCf<,ªfofbftf@ ,æ,è,à'á,« ,ç□è□#,ì□Afofbftf@ ,É"Ç,Ÿ□ž,ß,é•"•ª,ª"äŠr,³,é,Ü,·□Bft  
f@fCf<,ì,¼,ì"Ç,Ÿ□ž,Ü,è,½•"•ª,À^è'v,ªÆ©,À,©,ç,È,¯,è,ì□A"äŠr,ª'áž~ ,³,éŽŸ,ìf□fbfZ□[fW,ª•\Ž|,³,é,Ü,·□B  
"~Šú,ª,Æ,è,Ü,¹,ñ.ftf@fCf<,ª^á,ç,·,¬,Ü,·

—~—p%oÀ"λ,Èftf@fCf<,æ,è,à'á,« ,çfofCfifŠ

ftf@fCf<,ð"äŠr,·,é□è□#,ì□Aftf@fCf<,ì ,é•"•ª,ÆfffBfXfN,©,ç,ìŽŸ,ì•"•ª,Æ,ðf□[fo□[fÆfC,³,¹,À□A—  
¼•ù,ìftf@fCf<,ªŠ@'S,É"äŠr,³,é,Ü,·□B□o—ì,ì□Aftf@fCf<,ÉŠ@'S,É"ü,éftf@fCf<,ì□o—ì,Æ"¬,¶,É,È,è,Ü,·□B

Fc ,ÉŠÖ,·,é□Ú□×□î•ñ



Fc---á  
Fc



**Fc---á**

MONTHLY.RPT , ,æ,Ñ SALES.RPT ,Æ,ç,¸ 2 ,Â,lfeflfXfg ftj@fCf<,ð ASCII f,[]fh,Å"äŠr,³,¹[]ACE<%oÊ,ð[]È—  
aCE`Ž® ,Å•\Ž!,³,¹,½,ç,Æ%¼'è,µ,Ü,·[]B,±,ì"äŠr,ðŽA[]s,³,¹,é,É,í[]AŽŸ,lfRf}}f"fh,ð"ü—í,µ,Ü,·[]B

fc /a monthly.rpt sales.rpt

PROFITS.BAT , ,æ,Ñ EARNINGS.BAT ,Æ,ç,¸ 2 ,Â,lfofbf` ftj@fCf<,ðfofCfjŸ  
f,[]fh,Å"äŠr,³,¹,é,É,í[]AŽŸ,lfRf}}f"fh,ð"ü—í,µ,Ü,·[]B

fc /b profits.bat earnings.bat

,±,lfRf}}f"fh,ìŽA[]sCE<%oÊ,íŽŸ,ì,æ,¸,é,È,è,Ü,·[]B

- 00000002: 72 43
- 00000004: 65 3A
- 0000000E: 56 92
- 00000012: 6D 5C
- 00000013: 0D 7C
- 00000014: 0D 0A
- 00000015: 0A 0D
- 0000001E: 43 7A
- 0000001F: 09 0A
- 00000022: 72 44

...  
...  
...

- 000005E0: 00 61
- 000005E1: 00 73
- 000005E2: 00 73
- 000005E3: 00 69
- 000005E4: 00 67
- 000005E5: 00 6E
- 000005E6: 00 6D
- 000005E7: 00 65
- 000005E8: 00 6E

FC: EARNINGS.BAT ,í PROFITS.BAT ,æ,è',çftj@fCf<,Å,·

PROFITS.BAT , ,æ,Ñ EARNINGS.BAT ftj@fCf<,a"~^ê,Å, ,é,í[]AŽŸ,lf[]fbfZ[]fW,a•\Ž!,³,é,Ü,·[]B

FC: 'Š`á"\_,íCEŸ[]o,³,é,Ü,¹,ñ,Å,µ,½

CE»[]Ý,lf[]ffBf[]CEfNfgjŸ,ì,·,x,Ä,ì .BAT ftj@fCf<,ðftj@fCf< NEW.BAT ,Æ"äŠr,·,é,É,í[]AŽŸ,lfRf}}f"fh,ð"ü—  
í,µ,Ü,·[]B

fc \*.bat new.bat

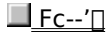
fhf%o[]Cfu C ,lf[]tf@fCf< NEW.BAT ,ðfhf%o[]Cfu D ,lf[]tf@fCf< NEW.BAT ,Æ"äŠr,·,é,É,í[]AŽŸ,lfRf}}f"fh,ð"ü—  
í,µ,Ü,·[]B

fc c:new.bat d:\*.bat

fhf%o[]Cfu C ,lf<[]fg fffBf[]CEfNfgjŸ,ìŠefofbf` ftj@fCf<,ð[]Af[]hf%o[]Cfu D ,lf<[]fg fffBf[]CEfNfgjŸ,ì"~ ,¶-  
¼'O,ðž[] ,Åftj@fCf<,Æ"äŠr,·,é,É,í[]AŽŸ,lfRf}}f"fh,ð"ü—í,µ,Ü,·[]B

fc c:\*.bat d:\*.bat

Fc ,ÉŠÖ,·,é[]Ú[]x[]î•ñ



Fc--'[]



Fc





### Fcbs

MS-DOS ftufvfXfef€ ,Å“ Žž,ÉŠj, -,éftf@fCf< fRf“fgf[]f< fuf[]bfN (FCB) ,l” ,đŽw’è,μ,Ü,·B  
ftf@fCf< fRf“fgf[]f< fuf[]bfN,Æ,ÍAftf@fCf<,ÉŠÖ,·,éí•ñ,š“l,³,è,éff[]f^[]\‘t,ì,±,Æ,Å,·B

fcbs=x

fpf%of[]f^

x

MS-DOS ftufvfXfef€ ,Å^è“x,ÉŠj, -,éftf@fCf< fRf“fgf[]f< fuf[]bfN,l” ,đŽw’è,μ,Ü,·Bx ,É—LCEø,È’l,í 1  
,©,ç 255 ,Ü,Å,ÅAŠù’è’l,í 4 ,Å,·B

Fcbs ,ÉŠÖ,·,éíÚ×í•ñ



Fcbs--’



Fcbs---á



Fcbs--'□

ftf@fCf<,đŠJ,□ê□‡,ì□šCEÀŽ-□€

fvf□fOf%of€ ,Åftf@fCf< fRf“fgf□□[f< fuf□fbfN,đŽg,Á,Ä x CEÂ^È□ă,ìftf@fCf<,đŠJ,±,π  
,Æ,·,é,Æ□A'O,ÉŠJ,©,ê,Ä,ç,½ftf@fCf<,ª MS-DOS fTfuVfXfef€ ,É,æ,è•Ä,¶,ç,ê,é,±,Æ,ª, ,è,Ü,·□B

fcbs fRf}f“fh,ÉŠÖ,μ,Ä□,,□š,·,éŽg,ç•û

fcbs fRf}f“fh,í□Afvf□fOf%of€ ,©,ç—v<□,³,ê,½□ê□‡,É,¾,~Žg—p,μ,Ä,,¾,³,ç□B□Vfo□[fWf#f“ ,ìfvf□fOf%of€  
,ì,Ü,Æ,ñ,Ç,í□Aftf@fCf< fRf“fgf□□[f< fuf□fbfN,đ•K—v,Æ,μ,Ü,¹,ñ□B,½,¾,μ□A<CEfo□[fWf#f“ ,ìfvf□fOf%of€  
,Å,í□ACONFIG.NT ftf@fCf<,Å fcbs fRf}f“fh,đŽg,í,È,¯,ê,Î,È,ç,È,ç,±,Æ,ª, ,è,Ü,·□B

Fcbs ,ÉŠÖ,·,é□Ú□×□î•ñ

□ Fcbs---á

□ Fcbs

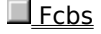


**Fcbs---á**

MS-DOS ftjufVfXfef€,Á“~žž,ÉÁ, 8 ĄĀ,Ů,Āftj@fCf< fRf“fgf[]f< fuf[]fbfN,đŠJ,¯,é,æ,ꝛ  
,ÉŽw'è,·,é,É,ÍACONFIG.NT ftj@fCf<,ÉŽŸ,ìs,đ'Ç%oÁ,μ,Ů,·B

fcbs=8

Fcbs ,ÉŠÖ,·,éÚ×î•ñ





### Files

MS-DOS ftfufVfXfef€ ,Å^ê"x,ÉfAfNfZfX,Å,«,éftf@fCf<,l" ,ðY'è,μ,Ü,·B

files=x

fpf%of[]f^

x

MS-DOS ftfufVfXfef€ ,Å^ê"x,ÉfAfNfZfX,Å,«,éftf@fCf<,l" ,ðŽw'è,μ,Ü,·Bx ,É—LCEø,È'I,í 8 ,©,ç 255  
,Ü,Å,ÅAŠù'è'I,í 8 ,Å,·B

Files ,ÉŠÖ,·,éÚ×i•ň

Files--'

Files---á



**Files--'**

x fpf%of[]f^,iŠù'è,ìÿ'è,í 8 ,Å, : ,ªAfvf[]fOf%of€ ,É,æ,Á,Ä,í'l,đ'ã,«, , , ,é•K—v,ª, ,è,Ü, :B'Êí,ìÿ'è,í 20 ,Å, ·B

Files ,ÉŠÖ, , ,é[]Ú[]×[]í•ñ

Files---á

Files



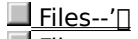


**Files---**

MS-DOS ftjufVfXfef€,Å^ê"x,ÉÅ, 20 Ą,iftj@fCf<,ÉfAfNfZfX,Å,«,é,æ,ϣ,ÉŽw'è,·,é,É,íACONFIG.NT  
ftf@fCf<,ÉŽŸ,ìs,đ'Ç%oÁ,μ,Û,·B

files=20

Files ,ÉŠÖ,·,éÚ×î•ñ





**Find**

ftf@fCf<,Á“Á’è,lfefLfXfg•¶Žš—ň,ðŒŸ□ð,μ,Û,·□B

Žw’è,μ,½ftf@fCf<,ìŒŸ□ð,ª□l,í,é,Æ□AŽw’è,μ,½•¶Žš—ň,ª“ü,Á,Ä,ç,éfefLfXfg□s,ð•Žl,μ,Û,·□B

**find** [/v] [/c] [/n] [/i] "•¶Žš—ň" [[fhf%oofCfu:][fpfX] ftf@fCf<-¼[...]]

**fpf%oof□□[f^**

"•¶Žš—ň"

ŒŸ□ð,μ,½,ç•¶Žš—ň,ðŽw’è,μ,Û,·□B•¶Žš—ň,lfefLfXfg,í□A“ň□d^ø—p•,,Á^í,Û,È,¯,ê,î,È,è,Û,¹,ň□B

[fhf%oofCfu:][fpfX] ftf@fCf<-¼

ŒŸ□ð,·,é,½,ß,ÉŽw’è,μ,½•¶Žš—ň,ª“ü,Á,Ä,ç,éftf@fCf<,ìê□Š,Æ-¼’O,ðŽw’è,μ,Û,·□B

**/v**

Žw’è,μ,½•¶Žš—ň,ª“ü,Á,Ä,ç,È,ç□s,ð,·,x,Ä•Žl,μ,Û,·□B

**/c**

Žw’è,μ,½•¶Žš—ň,ª“ü,Á,Ä,ç,é□s□”,¾,¯,ð•Žl,μ,Û,·□B

**/n**

Še□s,ì’O,Éftf@fCf<,ì□s”Ó□t,ð•Žl,μ,Û,·□B

**/i**

’å•¶Žš□—•¶Žš,ð<æ•É,¹,,ÉŒŸ□ð,³,ê,é,æ,æ,ÉŽw’è,μ,Û,·□B

ŠÖ~A□€-Ú

ftfBf{f^ fRf}f“fh

fŠf\_fCfŒfNfg•¶Žš

Find ,ÉŠÖ,·,é□Ú□×□í•ň

Find--’□

Find---á



**Find--'**

**•ŕŽš—ň,ďŽw'è,.,é**

/i fXfCfbf` ,ďŽw'è,μ,É,̄,é,ÍA**find** ,ďŽÀs,.,é,ÆŽw'è,μ,½,Æ,̄,è,ì•ŕŽš—ň,ªCEÏð,³,è,Û,·B,½,Æ,ì,ÍA**find**  
fRf}f"fh,Å,ÍA•ŕŽš "a" ,Æ "A" ,Íæ•É,³,è,Û,·B,½,¾,μA/i fXfCfbf` ,ďŽg,æ,ÆA'â•ŕŽš,Æ—•ŕŽš,Í-  
³Ž<,³,èA"a" ,Æ "A" ,Í" ,ŕ•ŕŽš,Æ,μ,ÄCEÏð,³,è,Û,·B

CEÏð,μ,½,ç•ŕŽš—ň,É"ňd^ø—p•,,ª"ü,Á,Ä,ç,éèè,ÍA•ŕŽš—ň,É"ü,Á,Ä,ç,é"ňd^ø—p•,,²,Æ,É 2  
,Ä,.,Ä"ňd^ø—p•,, ("") ,ďŽg—p,μ,Ä,,¾,³,çB

**find ,đftfBf<f^ ,Æ,μ,ÄŽg,æ**

ftf@fCf<-¼,đÈ—ª,.,é,ÆA**find** ,íftfBf<f^ ,Æ,μ,Ä<@"\,μAWindows NT ,ìW€"ü—Í  
( 'Éí,íflL[f{[f{fhAfpfCfvA,Û,½,íŕŕf\_fCfÆfNfg,³,è,½ftf@fCf< ) ,©,ç"ü—Í,ª"Ç,ÝŽæ,ç,èA•ŕŽš—  
ň,ª"ü,Á,Ä,ç,é,çs,ª\Ž,³,è,Û,·B

**fRf}f"fh fpf%of[f^ ,ìç**

**find** fRf}f"fh,ífpf%of[f^ ,ÆfXfCfbf` ,ÍA"C^Ó,ìç,Á"ü—Í,Á,«,Û,·B

**find ,Äf[fCf<fhfj[fh,ďŽg,æ**

**find** fRf}f"fh,ÄŽw'è,.,éftf@fCf<-¼,Û,½,ÍŒg'£Žq,É,ÍAfpfCf<fhfj[fh (\* ,â ?) ,ďŽg—  
p,Á,«,Û,¹,ňBf[fCf<fhfj[fh,ÄŽw'è,μ,½ftf@fCf<,ìWç,Á•ŕŽš—ň,đCEÏð,.,é,É,ÍA**for** fRf}f"fh,Ä **find**  
fRf}f"fh,ďŽg—p,Á,«,Û,·B

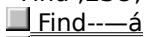
**/c fXfCfbf` ,Æ<æ,É /v ,Û,½,Í /n fXfCfbf` ,ďŽg,æ**

" ,ŕfRf}f"fh,Ä /c , ,æ,Ŧ /v fXfCfbf` ,ďŽw'è,μ,Ä **find** ,ďŽÀs,.,é,ÆAŽw'è,μ,½•ŕŽš—ň,ª"ü,Á,Ä,ç  
,É,çs,ª\Ž,³,è,Û,·B" ,ŕfRf}f"fh,Ä /c , ,æ,Ŧ /n fXfCfbf` ,ďŽw'è,.,é,ÆA/n fXfCfbf` ,Í-³Ž<,³,è,Û,·B

**find ,đfLfffŒbfW fŒf^ [f" •t,« ,íftf@fCf< ,ÄŽg,æ**

**find** fRf}f"fh,Ä,ÍAflfffŒbfW fŒf^ [f" ,Í" FŽ ,³,è,Û,¹,ňBfLfffŒbfW fŒf^ [f" ,ª"ü,Á,Ä,ç,éftf@fCf<,Ä **find**  
,ďŽg,Ä,ÄfefLxfg,đCEÏð,.,éèè,ÍACEÏð•ŕŽš—ň,đ 2 ,Ä,íflfffŒbfW  
fŒf^ [f" ,ìŠ,ÄCE©,Ä,©,éfefLxfgA,Ä,Û,èAflfffŒbfW fŒf^ [f" ,Ä't'f,³,è,Ä,ç,È,ç,ÆŽv,í,è,é•ŕŽš—  
ň,ÉCEÀ'è,μ,Ä,,¾,³,çB,½,Æ,ì,ÍA"tax" ,Æ,ç,æ'PCEè,Æ "file" ,Æ,ç,æ'PCEè,ìŠ,ÉfLfffŒbfW fŒf^ [f" ,ª"-  
ç,.,éèè,ÍA**find** ,Ä,Í•ŕŽš—ň "tax file" ,ÉŠÖ,.,é^è'v,íçfj[f,³,è,Û,¹,ňB

Find ,ÉŠÖ,.,éÚç×í•ň



**Find---**



**Find**



### Find---á

ftf@fCf< PENCIL.AD , ©, ç A • ¶ Žš—ň "Pencil Sharpener" , º "ü, Á, Ä, ç, é, , x, Ä, ì s, ð \ Ž | , , é, É, í A Ž Ÿ, ì f R f } f " f h, ð " ü — í, µ, Ü, · B

find "Pencil Sharpener" pencil.ad

"ñ d ^ ø — p • , , Á ^ í, Ü, ê, ½ f e f L f X f g, º " ü, Á, Ä, ç, é • ¶ Žš—ň, ð C E Ÿ ð ö, , é, É, í A Ž Ÿ, ì — á, ì, æ, x, É A, » , ì • ¶ Žš—ň ' S ' ì, ð " ñ d ^ ø — p • , , Á ^ í, Ý A • ¶ Žš—ň, É " ü, Á, Ä, ç, é " ñ d ^ ø — p • , , , ? , Æ, É 2 , Á, , , Á " ñ d ^ ø — p • , , ( " " ) , ð Ž g — p, µ, Ä, , ¾, ¾, ç B

find "The scientists labeled their paper ""for discussion only."" It is not a final report." report.doc

ftf@fCf<, ì W ð †, ð C E Ÿ ð ö, , é ð ê †, í A f i n d f R f } f " f h, Æ < x, É f o r f R f } f " f h, ð Ž g — p, Á, «, Ü, · B Ž Ÿ, ì f R f } f " f h, Á, í A, ±, ì • ù — @, ð Ž g, Á, Ä A C E » ð Ý, ì f f f B f C E f N f g f Š, Á Š g ' £ Ž q . B A T , º • t, ç, Ä, ç , é f t f @ f C f <, ð C E Ÿ ð ö, µ A C E ©, Á, ©, Á, ½ Š e f t f @ f C f <, Á • ¶ Žš—ň "PROMPT" , ð C E Ÿ ð ö, µ, Ü, · B

for %f in (\*.bat) do find "PROMPT" %f

**find** , É A f n ð [ f h f f f B f X f N, ì f h f % o f C f u C , Á A • ¶ Žš—ň "CPU" , º "ü, Á, Ä, ç, é f t f @ f C f < — ¾, ð C E Ÿ ð ö, µ, Ä \ Ž | , , é ð ê † A Ž Ÿ, ì — á, ì, æ, x, É A f p f C f v ( | ) , ð Ž g, Á, Ä **dir** f R f } f " f h, ì Ž À s C E < % o É, ð **find** , É ' — , é, ± , Æ, º, Á, «, Ü, · B

dir c:\ /s /b | find "CPU"

**find** C E Ÿ ð ö Ž ž, É ' á • ¶ Žš, Æ ð — • ¶ Žš, º æ • É, ¾, é A d i r , Á, í á • ¶ Žš, ì ð o — í, º ¶ ¶ ð — , ¾, é, é, ì, Á A • ¶ Žš—ň "CPU" , ð ' á • ¶ Žš, Á " ü — í, , é, © A, Ü, ½, í **find** , Æ < x, É / i f X f C f b f ` , ð Ž g — p, µ, Ä, , ¾, ¾, ç B

Find , É Š Ö, , é ð Ú ð × ð î • ñ



Find--' B



Find



### Findstr

fšfef%of< fefLfXfg,Ü,½,í³<K•\CE»,ðŽg,Á,ÄAftf@fCf<,Á•¶Žš—ñ,ðCEÿðö,µ,Ü,·B**findstr**,ÉŽg,í,é³<K•\ CE»<L□†,í^ê—,É,Á,ç,Ä,í□A,±,íftf@fCf<,í **findstr**,í'□,ðŽQ□AE,µ,Ä,,¾,¾,ç□B

**findstr** [/b] [/e] [/l] [/c: •¶Žš—ñ] [/r] [/s] [/i] [/x] [/v] [/n] [/m] [/o] [/g: ftf@fCf<] [/f: ftf@fCf<] •¶Žš—ñ ftf@fCf<

**fpf%of□□f^**

**/b**

□s“ª,É, ,é□ê□†,Éfpf^□□f“,ð“È,«□†,¹,Ü,·□B

**/e**

□s--ª,É, ,é□ê□†,Éfpf^□□f“,ð“È,«□†,¹,Ü,·□B

**/l**

CEÿðö•¶Žš—ñ,ðfšfef%of<,ÉŽg,ç,Ü,·□B

**/c**

Žw'è,µ,½fefLfXfg,ðfšfef%of<CEÿðö•¶Žš—ñ,AE,µ,ÄŽg,ç,Ü,·□B

**/r**

CEÿðö•¶Žš—ñ,ð³<K•\CE»,AE,µ,ÄŽg,ç,Ü,·□B,±,íXfCfbf` ,í•s—v,Á,·□B/l fXfCfbf` ,ðŽg,í,È, ,é,í□A**findstr**,Ä,í, ,x,Ä,í□f^•¶Žš,ð³<K•\CE»,AE,µ,Ä%ðŽŽB,µ,Ü,·□B

**/s**

CE»Ý,ífffBfCEfNfgfŠ,AE, ,x,Ä,íftfufffBfCEfNfgfŠ,Ä□A^è'v, ,éftf@fCf<,ðCEÿðö,µ,Ü,·□B

**/i**

CEÿðöŽž,É'â•¶Žš,AE□→•¶Žš,ð<æ•È,µ,È,ç,æ,æ,ÉŽw'è,µ,Ü,·□B

**/x**

□³Šm,É^è'v, ,é□s,ð^ó□ü,µ,Ü,·□B

**/v**

^è'v•“•ª,ª“ü,Á,Ä,ç,È,ç□s,¾, ,ð^ó□ü,µ,Ü,·□B

**/n**

^è'v, ,éŠe□s,í'O,É□s“Ó□†,ð^ó□ü,µ,Ü,·□B

**/m**

ftf@fCf<,É^è'v•“•ª,ª“ü,Á,Ä,ç,é□ê□†,É,¾, ,□Aftf@fCf<-¾,ð^ó□ü,µ,Ü,·□B

**/o**

^è'v, ,éŠe□s,í'O,Éfv□□fN flftfZfbfg,ð^ó□ü,µ,Ü,·□B

**/g**

Žw'è,µ,½ftf@fCf<,©,çCEÿðö•¶Žš—ñ,ðŽžæ,è□o,µ,Ü,·□B

**/f**

Žw'è,µ,½ftf@fCf<,©,çftf@fCf<^è—,ð“Ç,ÝŽžæ,è,Ü,·□B

•¶Žš—ñ

CEÿðö•¶Žš—ñ□B

ftf@fCf<

CEÿðö'í□Ü,AE,È,éftf@fCf<□B

Ú“æÊ,Æ,μ,Ä^ø” /e ,ðŽg,í,È,çêç,íA•j”,ìĚŸö•ŕŽš—ň,ðfXfy[]fX,Å<æ[]Ø,è,Û,·[]B

findstr "hello there" x.y

,½,Æ,!,íA[]ă<L,ìfRf}f“fh,Å,íAftf@fCf< x.y ,Å "hello" ,Û,½,í "there" ,æĚŸö,³,è,Û,·[]B

findstr /c:"hello there" x.y'

,±,è,É,í,μ,Ä[]A[]ă<L,ìfRf}f“fh,Å,ìftf@fCf< x.y ,Å "hello there" ,æĚŸö,³,è,Û,·[]B

Findstr ,ÉŠÖ,·,é[]Ú[]×[]î•ň

Findstr--'[]

Findstr--—á



### Findstr--'□

**Findstr** ,ðŽg,æ,Æ□ASCII ftf@fCf<,ĂĈĚŸ□ō•ŦŽš—

ñ,Æ□Šm,É^è'v,.,éfefLfXfg,ðĈĚŸ□ō,Ă,«,Ů,·□B,½,¾,μ□A“Ě,«□‡,í,¹,½,ĉ□î•ñ,î^è•”,μ,©“¾,ç,è,È,ĉ□ê□‡□A,Ů,  
½,í,æ,è□ł“í,î□î•ñ,ðĈĚŸ□ō,.,é□ê□‡,ª, ,è,Ů,·□B,».,î□ê□‡□A**findstr** ,É,í□A□³<K•\  
ĈĚ»,ðŽg,Ă,ĂfefLfXfg,îfpf^□[f“,ðĈĚŸ□ō,.,é,Æ,ĉ,æ<—í,È<@“\,ª, ,è,Ů,·□B

□³<K•\ĈĚ»,Æ,í□A1 •ŦŽš,à^á,í,È,ĉ•ŦŽš—ñ,Ă,í,È,□AfefLfXfg,îfpf^□[f“,ðŽw'è,.,é,½,β,ì•\<L,ì,±,Æ,Ă,·□B,±  
,ì•\<L,Ă,í□AŦŦf%□f<•ŦŽš,Æf□f^•ŦŽš,ðŽg,ĉ,Ů,·□B□³<K•\ĈĚ»□\•Ŧ,Ă“ĂŽê,È^Ó-;ð,à,½,È,ĉ  
,.,x,Ă,ì•ŦŽš,îfŠfef%□f<•ŦŽš,Ă, ,è□A,»,.ì•ŦŽš,ª“Ě,«□‡,í,³,è,Ů,·□B,½,Æ,í,î□A•ŦŽš,Æ□”Žš,îfŠfef  
%□f<•ŦŽš,Ă,·□B□f^•ŦŽš,í□A□³<K•\ĈĚ»□\•Ŧ,Ă“ĂŽê,È^Ó-; (%□□ŽŽŽq,Ů,½,í<æ□∅,è•ŦŽš) ,ðŽŦ,Ă<L□†,ì,±  
,Æ,Ă,·□B**findstr** ,ÉŽg,í,é□f^•ŦŽš,íŽŸ,ì,Æ,“,è,Ă,·□B

- .
- \* f□fCf<fhfj□[fh: “C^Ó,ì•ŦŽš
- ŦĚJ,è•Ů,μ:  
'¼'O,ì•ŦŽš,Ů,½,îfNf  
%□fX,îf□f□ĈĚĀ^È□ă
- ^ □s^É'u: □s“ª
- \$ □s^É'u: □s--
- [class] •ŦŽšfNf%□fX:  
fZfbfg,ì“C^Ó,ì 1 •ŦŽš
- [^class] <tfNf%□fX:  
fZfbfg^ÈŠO,ì“C^Ó,ì 1 •ŦŽš
- [x-y] “íí:  
Žw'è,μ,½“íí,ì“C^Ó,ì•ŦŽš
- \x fGfXfP□[fv: f□f^•ŦŽš x  
,îfŠfef%□f<Žg—p
- \<xyz 'PĈĚĀ^É'u: 'PĈĚĀ,î□æ“ª
- xyz\> 'PĈĚĀ^É'u: 'PĈĚĀ,î□,í,è

□³<K•\ĈĚ»□\•Ŧ,ì“ĂŽê•ŦŽš,í□A•;□”,ð,Ů,Æ,β,ĂŽg,æ□ê□‡,É□Ă,à<—í,Ă,·□B,½,Æ,í,î□AŦŦfCf<fhfj□[fh•ŦŽš ( . )  
,ÆĈĚJ,è•Ů,μ (\*) •ŦŽš,ðŽŸ,ì,æ,æ,É'g,Ÿ□‡,í,¹,ĂŽg,ĉ,Ů,·□B

.  
\*, ,±,î□ê□‡,í□A“C^Ó,ì•ŦŽš,ª“Ě,«□‡,í,³,è,Ů,·□B,±,ì•\ĈĚ»,í□AŽŸ,ì,æ,æ,É'ă,«,È•\ĈĚ»,ì^è•”,Æ,μ,ĂŽg,æ,Æ—  
LĈĚ∅,Ă,·□B

b.\*ing  
, ,±,î□ê□‡,í□AB ,ĂŽn,Ů,Ă,Ă ing ,Ă□,í,é•ŦŽš—ñ,ª“Ě,«□‡,í,³,è,Ů,·□B

Findstr ,ÉŠŮ,.,é□Ů□×□î•ñ

- Findstr---á
- Findstr



### Findstr---á

ftf@fCf< PROPOSAL.TXT ,ÁAWindows ,Æ,ç,æ'PCEê ("á•ŕŽš,í'á•ŕŽš,ì W) ,ðCEÿ[]ð,·,é,É,ÍAZÿ,ì,æ,æ,É"ü—í,μ,Û,·[]B

findstr Windows proposal.txt

CE»[]Ý,ìfffBfCEfNfgfš,Æ,·,×,Ä,ìfTfufffBfCEfNfgfš,ÁA'á•ŕŽš,Æ[]-•ŕŽš,ÉŠÖEW,È, Windows ,Æ,ç,æ'PCEê,á"ü,Á,Ä,ç,é,·,×,Ä,ìftf@fCf<,ðCEÿ[]ð,·,é,É,ÍAZÿ,ì,æ,æ,É"ü—í,μ,Û,·[]B

findstr /s /i Windows \*.\*

'O,É"C^Ó,ì[]",ìfXfy[]fX,á•t,ç,½ FOR ,Æ,ç,æ'PCEê,á"ü,Á,Ä,ç,é[]s,ì,·,×,Ä,ì"-—

P'l,ðCEÿ[]ð,μ[]A(fOf<[]fV,ìfVf[]fOf%øf€ f<[]fV,Æ"-—l,É) Še"-—

P'l,áCE©,Á,©,Á,½[]ê[]š,É[]s"Ô[]t,ðšÜ,ß,é,É,ÍAZÿ,ì,æ,æ,É"ü—í,μ,Û,·[]B

findstr /b /n /c:" \*FOR" \*.bas

"-,ìftf@fCf<,ì[]W[]#,Á•;[]",ì^ù,È,éfAfCfef€,ðCEÿ[]ð,·,é[]ê[]#,ì[]AŠeCEÿ[]ðšì[]€,á[]V,μ,ç[]s,É"ü,Á,Ä,ç,é,éfLfxfg ftf@fCf<,ð[]ì[]-,μ,Û,·[]B,Û,½[]AfefLfxfg ftf@fCf<,ÁCEÿ[]ð,μ,½,ç[]šm,Éftf@fCf<,ð^ê—•\

Ž!,·,é,±,Æ,à,Á,«,Ü,·[]Bftf@fCf< FINDDATA.TXT ,ÁCEÿ[]ðšì[]€,ðžg,Á,Ä[]AFILELIST.TXT ,É^ê—•\

Ž!,³,é,½ftf@fCf<,ðCEÿ[]ð,μ[]ACEÿ[]ðCE<%øÉ,ðftf@fCf< RESULTS.OUT ,Éšì"[],·,é,É,ÍAZÿ,ì,æ,æ,É"ü—í,μ,Û,·[]B

findstr /g:finddata.txt /f:filelist.txt > results.out

CE»[]Ý,ìfffBfCEfNfgfš,Æ,·,×,Ä,ìfTfufffBfCEfNfgfš,ÁA'á•ŕŽš,Æ[]-•ŕŽš,ÉŠÖEW,È,[]Acomputer ,Æ,ç,æ'PCEê,á"ü,Á,Ä,ç,é,·,×,Ä,ìftf@fCf<,ðCEÿ[]ð,μ,½,ç,Æ%ø¼'è,μ,Û,·[]Bcomputer ,Æ,ç,æ'PCEê,á"ü,Á,Ä,ç,é,ftf@fCf<,ð,·,×,Ä^ê—•\Ž!,·,é,É,ÍAZÿ,ì,æ,æ,É"ü—í,μ,Û,·[]B

findstr /s /i /m "\<computer\>" \*.\*

Žÿ,É[]Acomputer ,Æ,ç,æ'PCEê,¾,·,Á,È,[]Acompliment ,·,æ,Ñ compete ,È,Ç[]A•ŕŽš comp

,Ážn,Ü,é,Ù,©,ì'PCEê,àCEÿ[]ð,μ,½,ç,Æ%ø¼'è,μ,Û,·[]B,±,ì[]ê[]#,ì[]AZÿ,ì,æ,æ,É"ü—í,μ,Û,·[]B

findstr /s /i /m "\<comp.\*" \*.\*

Findstr ,ÉŠÖ,·,é[]Ú[]×[]î•ñ



Findstr--'



Findstr





**For**

^ê~A,łftf@fCf<,É'í,μ,Ä□AŽw'è,μ,½fRf}}f"fh,ð"½•œ,μ,ÄŽÀ□s,μ,Ü,·□B

**for** fRf}}f"fh,í□Afofbf` ftf@fCf<,ĂŽg,κ,©□A,Ü,½,łfRf}}f"fh fv□f"fvfg,©,ç'¼□ÚŽg—p,Ă,«,Ü,·□B

**for** ,đfofbf` ftf@fCf<,ĂŽg,κ,É,í□AŽŸ,ì□•¶,đŽg,ç,Ü,·□B

**for** %%•ï□" in (fZfbfg) **do** fRf}}f"fh [fRf}}f"fhfpf%□□[f^]

**for** ,đfRf}}f"fh fv□f"fvfg,©,çŽg,κ,É,í□AŽŸ,ì□•¶,đŽg,ç,Ü,·□B

**for** %•ï□" in (fZfbfg) **do** fRf}}f"fh [fRf}}f"fhfpf%□□[f^]

**fpf%□□[f^**

%%•ï□",Ü,½,í %•ï□"

'u,«Š,ı,%œÄ"\•ï□",đ•\,μ,Ü,·□BfRf}}f"fh (fRf}}f"fh fpf%□□[f^,ĂŽw'è,μ,½fRf}}f"fh) ,Ă,ı,x,Ä,łftf@fCf<,đ□^—  
□,ı,é,Ü,Ä□**Afor** fRf}}f"fh,í□A%%•ï□" (,Ü,½,í %•ï□") ,đ□AŽw'è,μ,½fZfbfg,łŠefefLfxfg•¶Žš—  
ñ,É'uŠ,ı,μ,Ü,·□B**for** fRf}}f"fh,đfofbf` ftf@fCf<,ĂŽÀ□s,ı,é,É,í□A%%•ï□",đŽg,ç,Ü,·□B**for** ,đfRf}}f"fh  
fv□f"fvfg,©,çŽÀ□s,ı,é,É,í□A%%•ï□",đŽg,ç,Ü,·□B

**(fZfbfg)**

Žw'è,μ,½fRf}}f"fh,Ă□^—□,μ,½,ç 1 ,Ă^È□ă,łftf@fCf<,ı,é,ç,łfefLfxfg•¶Žš—ñ,đŽw'è,μ,Ü,·□B,©,Ă,±,ª•K—  
v,Ă,·□B

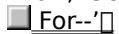
fRf}}f"fh

Žw'è,μ,½fZfbfg,ÉŠÜ,Ü,é,éŠeftf@fCf<,ÉŠÖ,μ,ÄŽÀ□s,μ,½,çfRf}}f"fh,đŽw'è,μ,Ü,·□B

fRf}}f"fhfpf%□□[f^

Žw'è,μ,½fRf}}f"fh,ÉŽg,ç,½,çfpf%□□[f^,Ü,½,łfXfCfbf` (Žw'è,μ,½fRf}}f"fh,Éfpf  
%□□[f^,Ü,½,łfXfCfbf` ,đŽg,κ□ê□‡) ,đŽw'è,μ,Ü,·□B

For ,ÉŠÖ,ı,é□Ú□×□ı•ñ



For--'□



For---á



For--'□

in , ,æ,Ñ do fL□[f□□[fh,ǫŽg,κ

in ,Æ do ,Ípf%□□□[f^,Á,Í, ,è,Û,<sup>1</sup>,ñ,<sup>a</sup>□Afor fRf}f“fh,ÉŽg,κ•K—v,<sup>a</sup>, ,è,Û,·□B,±,ì 2  
,Á,ÍfL□[f□□[fh,ì^ê•û,Á,à□È—<sup>a</sup>,·,é,Æ□AfGf%□□[ f□fbfZ□[fW,<sup>a</sup>•\Žì,<sup>3</sup>,è,Û,·□B

'u,«Š,ì%□□Á”\•ï□”,ǫŽg,κ

%0 ,©,ç %9 ,Ífobf` fpf%□□□[f^,Æ□—“~ ,μ,È,ç,æ,κ,É□A0 ,©,ç 9 ,ì□”l,ǫ□œ,«□A•ï□”,É,í”C^Ó,ì•¶Žš,ǫŽg  
—p,Á,«,Û,·□B'P□f,Éfobf` ftf@fCf<,ì□é□±,Í□A%□%f ,ì,æ,κ,É'P^ê•¶Žš,ǫŽg,κ,<sup>3</sup>/<sub>4</sub>, ,Á□\•<sup>a</sup>,Á,·□B  
•;ŽG,Èfobf` ftf@fCf<,Á,Í□A•ï□”,É•;□”,ì'l,ǫŽg,Á,Á□A^Û,È,é'u,«Š,ì•ï□”,ǫ<æ•É,Á,«,Û,·□B

ftf@fCf<,ÍfOf<□[fv,ǫŽw'è,·,é

fZfbfg fpf%□□□[f^,ǫŽg,κ,Æ□A1 ,Á^È□ã,Íftf@fCf< fOf<□[fv,ǫ•\,·,±,Æ,<sup>a</sup>,Á,«,Û,·□Bf□fCf<fhfj□[fh (\* ,â ?)  
,ǫŽg,κ,Æ□Aftf@fCf<,ÍfZfbfg,ǫŽw'è,Á,«,Û,·□BŽŸ,Íftf@fCf< fZfbfg,Í—LÆø,Á,·□B

(\* .doc)

(\* .doc \*.txt \*.me)

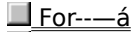
(jan\*.doc jan\*.rpt feb\*.doc feb\*.rpt)

(ar??1991.\* ap??1991.\*)

for fRf}f“fh,ǫŽg,κ,Æ□AfZfbfg,ì□Á□%□,ì'l,É,æ,è□A%□%•ï□” (,Û,½,í %•ï□”)

,<sup>a</sup>uŠ,<sup>3</sup>,è□AŽw'è,μ,½fRf}f“fh,<sup>a</sup>ŽÀ□s,<sup>3</sup>,è,Á□A,±,ì'l,<sup>a</sup>□^—□,<sup>3</sup>,è,Û,·□B,±,ì□^—□,Í□AfZfbfg,ì'l,É'í  
%□ž,·,é,·,×,Á,Íftf@fCf< (,Û,½,Íftf@fCf<,ÍfOf<□[fv) ,<sup>a</sup>□^—□,<sup>3</sup>,è,é,Û,Á'±□s,<sup>3</sup>,è,Û,·□B

For ,ÉŠÖ,·,é□Ú□×□i•ñ



For--—á



For



### For---á

**type** fRf}f"fh,ðŽg,Á,ÄACE»Ý,ìffBfCfNfgfŠ,ÅŠg'£Žq .DOC ,Ü,½,Í .TXT ,ª•t,ç,Ä,ç,é,·,×,Ä,ìftf@fCf<,ì"à  
 —e,ð•\Ž!,·,é,Æ%¼è,µ,Û,·B,±,ì'€i,ðŽÄs,µA'u,«Š,·,ì%Ä"·i" %f ,ðŽg,×,É,ìAfRf}f"fh  
 fvf"fvfg,©,çŽŸ,ìfRf}f"fh,ð"ü—í,µ,Û,·B

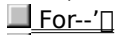
for %f in (\*.doc \*.txt) do type %f

,±,ì—á,Ä,ìA,·,×,Ä,ìftf@fCf<,ì"à—e,ª•\Ž!,ª,é,é,Û,ÄACE»Ý,ìffBfCfNfgfŠ,ÅŠg'£Žq .DOC ,Ü,½,Í .TXT  
 ,ª•t,ç,Ä,ç,éŠeftf@fCf<,ª %f •i",É'ä"ü,ª,é,Û,·B,±,ìfRf}f"fh,ðfobf` ftf@fCf<,ÅŽg,×,É,ìA'P,É,·,×,Ä,ì %f  
 ,ð %f ,É'u,«Š,·,Û,·B'u,«Š,·,È,·,é,ìA,±,ì•i",ì-³Ž<,ª,éAfGf% ffbfZ[fW,ª•\Ž!,ª,é,Û,·B

Windows NT ,Ä,ìAŽw'è,µ,½fRf}f"fh,Æ<×,ÉAfRf}f"fh fXfCbf` AfpfCfvA, ",æ,ÑfŠf\_fCfCfNfg,ðŽg,×,±  
 ,Æ,ª,Ä,«,Û,·B,½,Æ,ì,ìAä<L,ì—á,ìo—í,ð PRN (Šù'è,ìfvfŠf" f^ f[fg)  
 ,ÉfŠf\_fCfCfNfg,·,é,É,ìAŽŸ,ìfRf}f"fh,ð"ü—í,µ,Û,·B

for %f in (\*.doc \*.txt) do type %f > prn:

For ,ÉŠÖ,·,éÛ×i•ñ





**Forcedos**

Žw'è,µ,½fvf[]fOf%of€ ,đ MS-DOS fTfuVfXfef€ ,Á<N" ® ,µ,Ü, ·□B, ±, ìfRf}f"fh,đ•K—v,Æ, ·, é, ì, í□A, » , ì, Ü, Á, í  
Windows NT , Á" FZ ¯ , ³, ê, È, ç MS-DOS fv[]fOf%of€ , ¾, ¯ , Á, ·□B

**forcedos** [/d fffBfCEfNfgfŠ] ftj@fCf<-¼ [fpf%of[]f^]

**fpf%of[]f^**

/d fffBfCEfNfgfŠ

Žw'è,µ,½fvf[]fOf%of€ ,ÁŽg, xCE»□Ý, ìfffBfCEfNfgfŠ, đŽw'è,µ,Ü, ·□B

ftj@fCf<-¼

<N" ® , ·, éfvf[]fOf%of€ , đŽw'è,µ,Ü, ·□BCE»□Ý, ìfffBfCEfNfgfŠ, Ü, ½, í Windows NT , ìfpfX, É, È, ¯ , é, ì□A, » , ìfvf[]fOf  
%of€ , Ö, ìfhf%ofCfu-¼, Ü, ½, ìfffBfCEfNfgfŠ, đŽw'è,µ,Á, ¾, ³, ç□B

fpf%of[]f^

fv[]fOf%of€ , É"n, ·fpf%of[]f^ , đŽw'è,µ,Ü, ·□B

Forcedos , ÉŠÖ, ·, é□Ú□x□î•ñ



Forcedos--'□



Forcedos---á



### Forcedos--'

MS-DOS fvf[]fOf%of€ ,É,í[]AWindows NT ,É MS-DOS fvf[]fOf%of€ ,Å, ,é,Æ" FŽ~ ,³,è,È,¢  
 ,à,ì,ª, ,è,Ü,·[]B**forcedos** fRf}f"fh,đŽg,α,Æ[]A,±,ê,ç,ìfvf[]fOf%of€ ,đ<N" ©,Å,«,Ü,·[]B  
 ,±,ìfvf[]fOf%of€ ,É,æ,è<N" © ,³,è,é, ,x,Ä,ìfvf[]fOf%of€ ,í[]AMS-DOS fAfvfŠfP[]fVf#f" ,Æ,μ,Ä<N" © ,³,è,Ü,·[]B

Forcedos ,ÉŠÖ, ,é[]Ú[]x[]î•ñ



Forcedos---á



Forcedos



### Forcedos---á

ffBfCfNfgfŠ \OLDAPPS ,ÁfvfOf%of€ MYPROG ,đN“® ,μ,ÄAffBfCfNfgfŠ \REPORTS ,đŽg,α  
,É,íAŽŸ,ì,æ,α,É“ü—í,μ,Û,·B

forcedos /d reports \oldapps\myprog

Forcedos ,ÉŠÖ, ,éÚxî•ñ

Forcedos--'

Forcedos



### Format

Windows NT ftf@fCf<,đŽg,!,é,æ,æ,ÉAŽw'è,μ,½fhf%oCfu,iffBfXfN,āftfH[]f}fbfg,³,è,Ü,·Bfn[]fh  
ffBfXfN fhf%oCfu,đftfH[]f}fbfg,·,é,É,íAAdministrators fOf<[]fv,lf[]f“fo[],.Ä,È,·,é,í,È,è,Ü,¹,ñB

**format** fhf%oCfu: [/fs:ftf@fCf<fvfXfef€] [/v[:f%oCfu<]] [/a:ftfCfY] [/q] [/f:ftfCfY] [/t:f%oCfu<] /n:fZfNf^[]] [/1] [/4] [/8]

### fpf%oCfu<[]f^

fhf%oCfu:

ftfH[]f}fbfg,μ,½,çffBfXfN,ª“ü,Ä,Ä,ç,éfhf%oCfu,đŽw'è,μ,Ü,·BfXfCfbf` ,đŽw'è,μ,È,·,é,íA**format**  
fRf}f“fh,É,æ,èfhf%oCfu,ìŽí—p,ÅffBfXfN,ìŠù'è,lfthH[]f}fbfg,ª”»•É,³,è,Ü,·B

### /fs:ftf@fCf<fvfXfef€

ftf@fCf< fvXfef€,Æ,μ,Ä FAT ,Ü,½,í NTFS ,ì,ç,·,é,đŽg,æ,©,đŽw'è,μ,Ü,·Bftf[]fbfs[] fffBfXfN,É,íAFAT  
ftf@fCf< fvXfef€,μ,©Žg,!,Ü,¹,ñB

### /v:f%oCfu<

f{fŠf...[]f€ f%oCfu<,đŽw'è,μ,Ü,·B/v fXfCfbf` ,ðÈ—ª,·,é,©A,Ü,½,íf{fŠf...[]f€ f%oCfu<,đŽw'è,¹,·,É,±  
,lfXfCfbf` ,đŽg,æ,ÆAftfH[]f}fbfg,ªŠ©—¹,μ,½CEä,Äf{fŠf...[]f€ f%oCfu<,ì“ü—í,ð<[],β,é[]fbfZ[]fW,ª•Ž!,³,è,È,ç,æ,æ,É,·,é,É,íA[]\•¶ /v: ,đŽg,ç  
,Ü,·B'P^è,ì **format** fRf}f“fh,đŽg,Ä,Ä•;[]” ,iffBfXfN,đftfH[]f}fbfg,·,é,ÆA,·,×,Ä,iffBfXfN,É“·,¶f{fŠf...  
[]f€ f%oCfu<,ª—^,!,ç,è,Ü,·B/v fXfCfbf` ,Æ /8 fXfCfbf` ,É,íCEYŠ-[]ª, ,è,Ü,¹,ñBffBfXfN,lf{fŠf...[]f€ f  
%oCfu<,ìÜ×,É,Ä,ç,Ä,íAdir[]Alabel[]A,·,æ,Ñ **vol** fRf}f“fh,đŽQ[]Æ,μ,Ä,·,¾,³,çB

### /a:ftfCfY

NTFS fffBfXfN,ÄŽg,æfA[]fP[]fvf#f“ ftjfbfg,lfTfCfY,đŽw'è,μ,Ü,·BftfCfY,É,íAZÿ,ì'l,ð 1 ,ÄŽg,ç  
,Ü,·BftfCfY,đŽw'è,μ,È,·,é,íAfffBfXfN ftfCfY,ÉŠî,Ä,ç,Ä'l,í,è,Ü,·B

- 512** fNf%oCfu<^,²,Æ,É  
512  
fofCfg,·,ÄAftf@fCf  
< fCEfR[]fh,²,Æ,É  
1024  
fofCfg,·,Ä[]-³,è,Ü  
,·BffBfXfN ftfCfY,ª  
512 MB -ç-  
ž,ìè[]±,ìŠù'è'l,Ä,·B

- 1024** fNf%oCfu<^,²,Æ,É  
1024  
fofCfg,·,ÄAftf@fCf  
< fCEfR[]fh,²,Æ,É  
1024  
fofCfg,·,Ä[]-³,è,Ü  
,·BffBfXfN ftfCfY,ª  
512MB ,©,ç 1GB  
,Ü,Ä,ìè[]±,ìŠù'è'l,Ä,  
·B

- 2048** fNf%oCfu<^,²,Æ,É  
2048  
fofCfg,·,ÄAftf@fCf  
< fCEfR[]fh,²,Æ,É

2048  
fofCfG, , Â□î□¬,³,ê,Û  
,·□BfffBfXfN fTfCfY,<sup>a</sup>  
1GB ,©,ç 2GB  
,Û,Â,î□ê□±,ìŠù'è'l,Â,  
·□B

**4096** fNf%ofXf^,²,Æ,É  
4096  
fofCfG, , Â□Aftf@fCf  
< fCEfR□[fh,²,Æ,É  
4096  
fofCfG, , Â□î□¬,³,ê,Û  
,·□BfffBfXfN fTfCfY,<sup>a</sup>  
2GB  
,ð',,é□ê□±,ìŠù'è'l,  
Â,·□B

**/q**

^È'Ö,ÉftfH□[f}fbfg□î,Ý,ìfffBfXfN,ìftf@fCf< fe□[fuf<,Æf<□[fg fffBfCEfNfgfŠ,<sup>a</sup>□□œ,³,ê,Û,·,□AfffBfXfN,ì•s—Ç  
—ì^æ,ì'—□,³,ê,Û,¹,ñ□B/q fXfCfbf` ,ðŽg,æ□ê□±,í□A^È'Ö,ÉftfH□[f}fbfg□î,Ý,ìfffBfXfN,Â□A•s—Ç—  
ì^æ,ì,È,çfffBfXfN,³/₄,¯,ðftfH□[f}fbfg,µ,Â,,³/₄,³,ç□B

**/f:fTfCfY**

ftfH□[f}fbfg,·,éftf□fbfs□[ fffBfXfN,ìTfCfY,ðŽw'è,µ,Û,·□B%oÂ"\\,Â , ,ê,î□A/t , ,æ,Ñ /n fXfCfbf` ,ì'ä,í,è,É□A,±  
,ìfXfCfbf` ,ðŽg,ç,Û,·□BfTfCfY,ì'l,Æ,µ,Ä□AZÿ,ì'l,ð 1 ,ÂŽg,ç,Û,·□B

160□A160k□A160kb  
160K□A•Ð-Ê□A" {-š"x□A5.25 fCf"f` fffBfXfN

180□A180k□A180kb  
180K□A•Ð-Ê□A" {-š"x□A5.25 fCf"f` fffBfXfN

320□A320k□A320kb  
320K□A—¼-Ê□A" {-š"x□A5.25 fCf"f` fffBfXfN

360□A360k□A360kb  
360K□A—¼-Ê□A" {-š"x□A5.25 fCf"f` fffBfXfN

720□A720k□A720kb  
720K□A—¼-Ê□A" {-š"x□A3.5 fCf"f` fffBfXfN

1200□A1200k□A1200kb□A1.2□A1.2m□A1.2mb  
1.2MB□A—¼-Ê□A" {-š"x□A" {fgf%ofbfN□A5.25 fCf"f` fffBfXfN

1440□A1440k□A1440kb□A1.44□A1.44m□A1.44mb  
1.44MB□A—¼-Ê□A□,-š"x□A" {fgf%ofbfN□A3.5 fCf"f` fffBfXfN

2880□A2880k□A2880kb□A2.88□A2.88m□A2.88mb  
2.88MB□A—¼-Ê□A'□,-š"x□A" {fgf%ofbfN□A3.5 fCf"f` fffBfXfN



20.8MB A20.8m A20.8mb

20.8MB A3.5 fCf" f` ftfvfefBfjf· fffBfXfN

PC-9800 fVfŠ[fY, l[é[±, l[AŽY, l' l, àŽg—p, Å, «, Ü, ·[B

1250[A1250k[A1250kb[A1.25[A1.25m[A1.25mb

1.25MB[A—¼-É[A4 "{-š"x[Aftf[f]bfs[ fffBfXfN

/t:fjgf%ofbfN"

ffBfXfN, l]gf%ofbfN", ðŽw'è, µ, Ü, ·[B%Å" \, Å, , è, l[A, ±, l]XfCfbf` , l' ä, í, è, É /f fXfCfbf` , ðŽg, ç, Ü, ·[B/t  
fXfCfbf` , ðŽg, µ[é[±, l[A/n fXfCfbf` , àŽg, í, È, -, è, l, È, è, Ü, , ñ[B, ±, l 2 , Å, l]XfCfbf` , ðŽg, µ  
·Æ[AftfH[f] }fbfg, µ, ½, çffBfXfN, l]TfCfY, ðŽw'è, Å, «, Ü, ·[B/t fXfCfbf` , Æ<µ, É /f fXfCfbf` , ðŽg, µ, ±  
·Æ, l, Å, «, Ü, , ñ[B

/n:fZfNf^"

fgf%ofbfN, , Æ, ÉfZfNf^", ðŽw'è, µ, Ü, ·[B%Å" \, Å, , è, l[A, ±, l]XfCfbf` , l' ä, í, è, É /f fXfCfbf` , ðŽg, ç, Ü, ·[B/n  
fXfCfbf` , ðŽg, µ[é[±, l[A/t fXfCfbf` , àŽg, í, È, -, è, l, È, è, Ü, , ñ[B, ±, l 2 , Å, l]XfCfbf` , ðŽg, µ  
·Æ[AftfH[f] }fbfg, µ, ½, çffBfXfN, l]TfCfY, ðŽw'è, Å, «, Ü, ·[B/n fXfCfbf` , Æ<µ, É /f fXfCfbf` , l' Žg—  
p, Å, «, Ü, , ñ[B

/1

ftf[f]bfs[ fffBfXfN, l·Ð-É, æftfH[f] }fbfg, , è, Ü, ·[B

/4

1.2 MB fffBfXfN fhf%ofCfu, Å[A360K[A—¼-É[A "{-š"x, l 5.25 fCf" f` fffBfXfN, æftfH[f] }fbfg, , è, Ü, ·[B360K  
·l]hf%ofCfu, É, æ, Å, Å, l[A, ±, l]XfCfbf` , ÅftfH[f] }fbfg, , è, ½ffBfXfN, ðŠmŽÅ, É"Ç, YŽæ, ç, È, ç[é[±, , è, Ü, ·[B,  
±, l]XfCfbf` , ð /1 fXfCfbf` , Æ<µ, ÉŽg, µ, Æ[A180K[A·Ð-É, l 5.25 fCf" f` fffBfXfN, æftfH[f] }fbfg, , è, Ü, ·[B

/8

5.25 fCf" f` fffBfXfN, ægf%ofbfN, , Æ, É 8 fZfNf^ , , ÅftfH[f] }fbfg, , è, Ü, ·[B, ±, l]XfCfbf` , Å, l[A2.0 ^È'O, l MS-  
DOS fo[f]wff" , ÆÆYŠ·, É, È, è, æ, µ, Éftf[f]bfs[ fffBfXfN, æftfH[f] }fbfg, , è, Ü, ·[B

Format , ÉŠÖ, ·, é[Ú[×[í·ñ

Format--' [

Format--—á



## Format--'

### format ,đŽg,»

**format** fRf}f“fh,Á,íAfffBfXfN—p,ÉV,μ,ϕf<[fg fffBfCfNfgfŠ,Æftf@fCf< fvXfefe€  
 ,<sup>a</sup>íí—,<sup>3</sup>,é,Ü,·B,Ü,½AfffBfXfNā,ì•s—Ç—ì^æ,ðCEŸ,μAfffBfXfN,ì,·,×,Ä,ìff[f^,ðííœ,·,é,±  
 ,Æ,à,Ä,«,Ü,·BWindows NT ,ÁV,μ,ϕfffBfXfN,đŽg,ì,é,æ,»É,·,é,É,íAíA%o,É,±  
 ,ìRf}f“fh,đŽg,Á,ÄftfH[f}fbfg,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕB

### f{fŠf...[f€ f%ofxf<,đ“ü—í,·,é

ftfH[f}fbfg,áŠ@—<sup>1</sup>,·,é,ÆA**format** ,É,æ,èŽŸ,ìfbfZ[fW,<sup>a</sup>•Žì,<sup>3</sup>,é,Ü,·B

f{fŠf...[f€ f%ofxf<,đ“ü—í,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ (“<sup>1</sup>/<sub>4</sub>Šp,Á 11 •ŸšA‘SŠp,Á 5 •Ÿš  
 ^È“àA•K—v,<sup>a</sup>,É,·,é,í **Enter** fL[ ,ð%Ÿ,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ):

f{fŠf...[f€ f%ofxf<,ì<sup>1</sup>/<sub>4</sub>Šp 11 •Ÿš^È“à (fXfy[fX,đŠÜ,p) ,Á,·BfffBfXfN,Éf{fŠf...[f€ f%ofxf<,đ•t,·,½,-  
 ,É,ϕê[#,íA**Enter** fL[ ,<sup>3</sup>/<sub>4</sub>,·,ð%Ÿ,μ,Ü,·Bf{fŠf...[f€ f%ofxf<,íUx,É,Á,ϕ,Ä,íA**Label**  
 fRf}f“fh,đŽQAE,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕB

### fn[fh fffBfXfN,đftfH[f}fbfg,·,é

**format** fRf}f“fh,đŽg,Á,Äfn[fh  
 fffBfXfN,đftfH[f}fbfg,·,éê[#,íAftfH[f}fbfg,đŽÀ[s,·,é‘O,ÉŽŸ,ìŽ@,ìfbfZ[fW,<sup>a</sup>•Žì,<sup>3</sup>,é,Ü,·B  
 CEx[Afn[fh fffBfXfN,ìfhf%ofCfu x: ,ìff[f^,í  
 ,·,×,Ä,É,,É,è,Ü,·!  
 ftfH[f}fbfg,μ,Ü,·,© (Y/N)?\_

fn[fh fffBfXfN,đftfH[f}fbfg,·,é,É,íAY fL[ ,ð%Ÿ,μ,Ü,·BfffBfXfN,đftfH[f}fbfg,μ,½,,È,ϕê[#,íAN  
 fL[ ,ð%Ÿ,μ,Ü,·Bfn[fh fffBfXfN,đftfH[f}fbfg,·,é,É,íAAdministrator CE —<sup>a</sup>,É,·,é,í,É,è,Ü,<sup>1</sup>,ñB

### format ,ìfbfZ[fW

ftfH[f}fbfg,áŠ@—<sup>1</sup>,·,é,ÆAíA±CEvfffBfXfN—e—ÊACE±Š×,Æ,μ,Äf}[fN,<sup>3</sup>,é,½—ì^æA,“,æ,Ÿftf@fCf<,É—  
 ~—p,Ä,«,é—e—Ê,đŽì,·fbfZ[fW,<sup>a</sup>•Žì,<sup>3</sup>,é,Ü,·B

### fNfCfbfN ftfH[f}fbfg

/q fXfCfbf` ,đŽg,»ÆAftfH[f}fbfg,ìŠ—vŽžŠÔ,đ‘Zk,Á,«,Ü,·B,±,ìfXfCfbf` ,đŽg,»,ì,íAfn[fh  
 fffBfXfNā,É•s—ÇZfNf^,<sup>a</sup>,É,ϕê[#,<sup>3</sup>/<sub>4</sub>,·,Ä,·B

### Š,,,è“-,Ä,ç,é,½fhf%ofCfu,Ü,½,ìfbfZ[fW,íA format ,đŽg,»

**subst** fRf}f“fh,đŽg,Á,ÄŠ,,,è“-,Ä,ç,é,½fhf%ofCfuā,Á,íA**format** fRf}f“fh,đŽg—  
 p,Á,«,Ü,<sup>1</sup>,ñB,Ü,½AìfbfZ[fWā,ìfffBfXfN,ìftfH[f}fbfg,Á,«,Ü,<sup>1</sup>,ñB

### format ,ìí—<sup>1</sup>fR[fh

ŽŸ,ÉAí—<sup>1</sup>fR[fh,Æ,» ,ì^Ó—ì,đŽì,μ,Ü,·B

- 0 ftfH[f}fbf  
 g,<sup>a</sup>íí,Éí  
 —<sup>1</sup>,μ,½B
- 1 ŠÔ^á,Á,½f  
 pf  
 %of[f^,<sup>a</sup>  
 “ü—  
 í,<sup>3</sup>,é,½B
- 4 ‘v—  
 ½“l,ÉfGf

%o[] (O[]A  
 1[]A5  
 ^ÈŠO,ìfGf  
 %o[][,^"-  
 []¶,μ,½[]B  
 5 "•É,ìfffBfXf  
 N,ðftfH[]f}  
 fbfg,μ,Ü,·,  
 ©  
 <Y/N>?"  
 ,Æ,ç  
 ,xfvf[]"fvf  
 g,É'í,μ,Ä N  
 fL[],^  
 %oÿ,³,ê,½,  
 ½,ß[]A[]^—  
 [],ð'âž~,μ,  
 ½[]B

**if** fofbf` fRf}}f"fh,Æ<α,É **errorlevel** []ðCE[],ðŽg,α,Æ[]A[]ã<L,ì[]|—¹fR[]f[h,ðŠm"F,Å,«,Ü,·[]**Berrorlevel**  
 []ðCE[],³ftf[]f[g,³,ê,éfof bf` ftf@fCf<,ì—á,É,Â,ç,Ä,í[]**abackup** fRf}}f"fh,ðŽQ[]Æ,μ,Ä,,³/4,³,ç[]B

Format ,ÉŠÖ,·,é[]Ú[]×[]î•ň

Format---á

Format



**Format---**

Šù'è,ìTfCfY,đŽg,Á,ÄAfhf%ofCfu A ,ÅV,μ,çftf[]fbfs[][ fffBfXfN,ðftfH[]f}fbfg, ,é,É,Í[AŽŸ,ìfRf}f"fh,ð"ü—  
Í,μ,Ü,·[]B

format a:

fhf%ofCfu A ,Å^È'O,ÉftfH[]f}fbfg[]í,Ý,ìfffBfXfN,ÉŠÖ,μ,ÄAfNfCfbfN  
ftfH[]f}fbfg'€ì,đŽÀ[]s, ,é,É,Í[AŽŸ,ìfRf}f"fh,ð"ü—Í,μ,Ü,·[]B

format a: /q

fhf%ofCfu A ,ìftf[]fbfs[][ fffBfXfN,ðftfH[]f}fbfg,μ,ÄAf{fŠf...[]f€ f%ofxf< "DATA" ,đŠ,,è—  
,Ä,é,É,Í[AŽŸ,ìfRf}f"fh,ð"ü—Í,μ,Ü,·[]B

format a: /v:DATA

Format ,ÉŠÖ, ,é[]Ú[]×[]í•ñ



Format--'



Format



**Ftype**

ftf@fCf<Šg'£Žq,ìŠÖ~A•t,˘,ÉŽg,í,è,éftf@fCf< f^fCfv,ð•\Ž!,Ü,½,í•ïX,μ,Ü,·□B

**Ftype** [ftf@fCf<f^fCfv[=[fRf}f“fh]]

**fpf%of□□[f^**

ftf@fCf<f^fCfv

•\Ž!,Ü,½,í•ïX,˘,éftf@fCf< f^fCfv,ðŽw'è,μ,Ü,·□B

fRf}f“fh

,±,ìf^fCfv,ìftf@fCf<,ðŠ),,Æ,«„ÉŽg,xfi□[fvf“ fRf}f“fh,ðŽw'è,μ,Ü,·□B

flfvfVf#“ ,È,μ,Å **ftype** ,Æ“ü—í,˘,é,Æ□Afi□[fvf“ fRf}f“fh•¶Žš—ň,ªè` ,³,è,Ä,ç,éCE»□Ý,ìftf@fCf< f^fCfv,ª•\Ž!,³,è,Ü,·□B

**ftype** ftf@fCf<f^fCfv,Æ“ü—í,˘,é,Æ□A,±,ìftf@fCf< f^fCfv,ìCE»□Ý,ìfi□[fvf“ fRf}f“fh•¶Žš—ň,ª•\Ž!,³,è,Ü,·□B

**ftype** ftf@fCf<f^fCfv = ,Æ“ü—í,˘,é,Æ□A,±,ìftf@fCf< f^fCfv,ìfi□[fvf“ fRf}f“fh•¶Žš—ň,ª□í□œ,³,è,Ü,·□B

fi□[fvf“ fRf}f“fh•¶Žš—ň,Å,í□AZŸ,ì•ï□” ,ðŽg—p,Å,«„Ü,·□B

%0 ,Ü,½,í %1 ,í□AŠJ, ©,è,éftf@fCf<-¼,É'u,«Š,í,è,Ü,·□B

%\* ,í□A,˘,x,Ä,ìfpf%of□□[f^ ,É'u,«Š,í,è,Ü,·□B

%3 ,í'æ 1 fpf%of□□[f^□A%4 ,í'æ 2 fpf%of□□[f^ ,É'u,«Š,í,è,Ü,·□B^È□~ ,à“—l,Å,·□B



## Goto

f ofbf` ftj@fCf<,i□\$CEä,i—→,ê,ð□AŽw'è,μ,½f%ofxf<,Åf}□[fN,μ,½□s,É^Ú,μ,Ü,·□B

**goto** fRf}f"fh,Í□Afofbf` ftj@fCf<,if%ofxf<,ÅŽw'è,μ,½□s,É□\$CEä,ð^Ú,μ,Ü,·□Bf  
%ofxf<,ªCE©,Â,©,é,Æ□A,»,ìŽÿ,ì□s,©,çfRf}f"fh,ð□^—□,μ,Ü,·□B

**goto** f%ofxf<

**fpf%of□□lf^**

f%ofxf<

f ofbf` ftj@fCf<,Å□\$CEä,ð^Ú,·□s,ðŽw'è,μ,Ü,·□B

Goto ,ÉŠÖ,·,é□Ú□×□î•ñ



Goto--'□



Goto---á



**Goto--'**

**f%ofxf<,Æ,μ,Ä—LCEø,È'l**

f%ofxf< fpf%of[f^,É,íAfxfy[fX,ðŽw'è,À,«,Ü, : ,ªAfxZf~fRf[f“ ,â“™[t,È,Ç,ì<æ[ø,è•¶Žš,ðŽw'è, : ,é,± ,Æ,í,À,«,Ü,<sup>1</sup>,ñ[B

**Goto ,Á,íf%ofxf<,ìÄ%oo,ì 8 •¶Žš,ªŽg,í,è,Ü,•**

**goto** fRf}}f“fh,Á,íAfx%ofxf<,ìÄ%oo,ì 8 •¶Žš,<sup>¾</sup>,<sup>-</sup>,ªŽg,í,è,Ü, : [B,μ,<sup>½</sup>,ª,Á,ÄAfx%ofxf< " :hithere01" ,Æ " :hithere02" ,í[A,Ç,ì,ç,à " :hithere0" ,Æ“<sup>-</sup>,¶f%ofxf<,ÆCE©,È,<sup>3</sup>,è,Ü, : [B

**f%ofxf< fpf%of[f^,ðfofbf` ftf@fCf<,íf%ofxf<,Æ^è'v,<sup>3</sup>,<sup>1</sup>,é**

**goto** fRf}}f“fh f%ofCf“ ,ÁŽw'è, : ,éf%ofxf<,ì'l,íAfofbf` ftf@fCf<'t,íf%ofxf<,ì'l,Æ^è'v,<sup>3</sup>,<sup>1</sup>,Ä,<sup>¾</sup>,<sup>¾</sup>,ç[Bfofbf` ftf@fCf<'t,íf%ofxf<,íAfxRf[f“ ,ÁŽn,ß,È,<sup>-</sup>,è,í,È,è,Ü,<sup>1</sup>,ñ[B

Žw'è,μ,<sup>½</sup>f%ofxf<,ªfofbf` ftf@fCf<'t,È,È,<sup>-</sup>,è,ìAfofbf` ftf@fCf<,ª'âŽ~ ,μ[AŽÿ,íf[fbfZ[fW,ª•\Ž!,<sup>3</sup>,è,Ü, : [B f%ofxf<,ªCE©,Á,©,è,Ü,<sup>1</sup>,ñ.

Windows NT ,Á,íAfxRf[f“ ( : ) ,ÁŽn,Ü,éfofbf` ftf@fCf<,ì[s,íf%ofxf<,Æ,μ,Ä“FŽ<sup>-</sup>,<sup>3</sup>,èAfxRf}}f“fh,Æ,μ,Ä,í[^— [,<sup>3</sup>,è,Ü,<sup>1</sup>,ñ[B, ,é[s,ªfxRf[f“ ,ÁŽn,Ü,é[é[è[è[A,» ,ì[s,ífRf}}f“fh,í-<sup>3</sup>Ž<,<sup>3</sup>,è,Ü, : [B

**ðCE[•t,«[^—,É goto ,ðŽg,ª**

'<sup>½</sup>,,ì[é[è[Agoto ,ð,Ü,©,ífRf}}f“fh,Æ“<sup>-</sup>,¶fRf}}f“fh f%ofCf“[ã,ÁŽg,Á,Ä[AðCE[•t,«[^—

[,ðŽÀ[s,μ,Ü, : [BðCE[•t,«[^—,É **goto** ,ðŽg,ª•û-@,ì[Ú[×,É,Á,ç,Ä,í[Aif fRf}}f“fh,ðŽQ[Æ,μ,Ä,<sup>¾</sup>,<sup>¾</sup>,ç[B

Goto ,ÉŠÖ, : ,é[Ú[×[î•ñ

Goto---á

Goto



### Goto---á

ŽŸ,lfobf` ftj@fCf<,íAfhf%ofCfu A ,lffBfXfN,đVfXfef€ fffBfXfN,Æ,μ,ÄftfH[f]fbfg,μ,Û,·B'€ì,ª³í,É  
—¹,·,é,ÆAgoto fRf}f"fh,É,æ,èf%ofxf< "end" ,É\$CEä,ª^Ú,è,Û,·B

echo off

format a: /s

if not errorlevel 1 goto end

echo ftfH[f]fbfg'tfGf%o[L,ª"ñμ,Û,μ,½.

:end

echo fofbf` ftj@fCf<,đì—¹,μ,Û,·.

Goto ,ÉŠÖ,·,éÚ×î•ñ



Goto--'



Goto





### Graftabl

Windows NT ,ÁAžw'è,μ,½fR[fh fy[fW,ìŠg'£•¶Žš,ðftf< fXfNfŠ[f" f,[fh,Á•\Ž!,Á,«,é,æ,κ  
,É,μ,Û,·BŠg'£•¶Žš,íAfeFbf"fhfE f,[fh,Á,í•\Ž!,³,è,Û,¹,ñB

**graftabl** [xxx] [/status]

**fpf%of[f^**

xxx

Windows NT ,ÉOf%oftfBfbfNfX f,[fh,Á,ìŠg'£•¶Žš,ì•\Ž!ó'Ô,ð'è<` ,³,¹,½,¢fR[fh  
fy[fW,ðžw'è,μ,Û,·BŽŸ,ÉA—LÆø,ÈfR[fh fy[fW,ìŽ'•Ê"Ô+ÆA,» ,ì',Û,½,íÆ¾Æè,ðŽ!,μ,Û,·B

- 437 fAf[fŠfj
- 850 '½Æ¾Æè (f%ofef" I)
- 852 fXf%ofu (f%ofef" II)
- 855 fLfŠf< (fVfA)
- 857 fgf<fR
- 860 f|f<fgfKf<
- 861 fAfCfXf%of"fh
- 863 fJfif\_ ftf%of" fXÆè
- 865 fmf<fffBfbfN
- 866 fVfA
- 869 <ß'ãfMfŠfVff

**/status**

**graftabl** —p,É'í'ð,μ,½fR[fh fy[fW,ðž'•Ê,μ,Û,·B

ŠÖ~A€-Ú

fR[fh fy[fW,ìŽg,¢•ù,ìÚ×,É,Á,¢,Ä,íAchcp , ,æ,Ñ mode (fffofCfX,ífR[fh fy[fW,ìŸ'è)  
fRf}f"fh,ðžQÆ,μ,Ä,,¾,³,¢B

Graftabl ,ÉŠÖ,·,éÚ×î•ñ



Graftabl---á



**Graftabl--'**

**graftabl** ,Å, íA fRf" fñ[f<, ì"ü—íFR[fh fy[fW, í•ïX, ³, è, Ü, ¹, ñBŽw'è, µ, ½fR[fh  
fy[fW, ÌŠg'£•¶Žš, íf, fff^•\Ž!, É, ¾, ~%œ<¿, ð—^, !, Ü, :BŽg, ç, ½, çfR[fh fy[fW, ð•ïX, , é, É, íAmode  
, Ü, ½, í **chcp** fRf}f"fh, ðŽg, ç, Ü, :B

**graftabl ,ì|—¹fR[fh**

ŽŸ, ÉA|—¹fR[fh, Æ, » , ì^Ó—i, ðŽ!, µ, Ü, :B

- 0 •¶Žšfzfbfg, ³, µ, "  
Ç, Ýž, Ü, è, ½B, » , è,  
Ü, Å, ÉfR[fh  
fy[fW, í"Ç, Ýž, Ü, è,  
Ä, ç, È, ©, Á, ½B
- 1 ŠŌ^á, Á, ½fpf  
%of[f^, ³Žw'è, ³, è  
, ½, ½, ßA  
%½, àŽÀs, ³, è, È,  
©, Á, ½B
- 2 ftf@fCf< fGf  
%[ , a"¶, µ, ½B

fobf` ftf@fCf<, ì if fRf}f"fh f%ofCf" , Å **errorlevel** fpf%of[f^, ðŽg, æ, ÆA**graftabl** , ©, ç•Ō, ³, è, é|—  
¹fR[fh, ð^—, Å, «, Ü, :B|—¹fR[fh, ð^—, , éfobf` ftf@fCf<, ì—á, É, Å, ç, Ä, íA**backup**  
fRf}f"fh, ðŽQÆ, µ, Ä, , ¾, ³, çB

Graftabl ,ÉŠŌ, : , éÚ×î•ñ



Graftabl--—á



Graftabl



**Graftabl--—á**

fR□[fh fy□[fW 437 (fA□fŠfj) —p, ðfOf%oftfBfbfNfX•ŋŽšfZfbfg, ðf□f, fŠ, É“Ç, Ý□ž, P, É, í□AŽŸ, ð, æ, x, É“ü—  
í, µ, Ü, ·□B

graftabl 437

fR□[fh fy□[fW 850 (‘½Œ¾Œè) —p, ðfOf%oftfBfbfNfX•ŋŽšfZfbfg, ðf□f, fŠ, É“Ç, Ý□ž, P, É, í□AŽŸ, ð, æ, x, É“ü—  
í, µ, Ü, ·□B

graftabl 850

Graftabl ,ÉŠÖ,·,é□Ú□×□î•ň

Graftabl--'□

Graftabl



## Graphics

fj% [ fAf\_fvf^,Ü,½,ÍOf%ftfBfbfNfX fAf\_fvf^,đŽg,ꝛé#ÉA%æ-É,É•\Ž!,³,é,é"à—  
e,đfvfŠf^,Å^óü,Å,«,é,æ,ꝛ,ÉAfvfOf%€f,đf,fŠ,É"Ç,Ýž,Ý,Ü,·B

**graphics** [f^fCfv] [[fhf%ofCfu:][fpfX] ftf@fCf<-¼] [/r] [/b] [/lcd] [/printbox:std | /printbox:lcd]

**fpf%of** [f^

f^fCfv

fvfŠf^,ìŽí—b,đŽw'è,μ,Ü,·BŽŸ,ÉA,±,Ípf%of [f^,É—LCEø,È'l,Æ,»,ì^Ó-i,đŽ!,μ,Ü,·B

**fpf%of** [f^

à-¾

**color1**

IBM Personal  
Computer Color  
Printer[A]•fŠf{f"•t,  
«

**color4**

IBM Personal  
Computer Color  
Printer[ARGB (ÔA  
—ÎAÁA,"æ,Ń•)  
fŠf{f"•t,«

**color8**

IBM Personal  
Computer Color  
Printer[ACMY  
(fVfAf"Af}f{f^A  
%©A,"æ,Ń•)  
fŠf{f"•t,«

**hpdefault**

"C^Ó,ì Hewlett-  
Packard PCL  
fvfŠf^

**deskjet**

Hewlett-Packard  
DeskJet fvfŠf^

**graphics**

IBM Personal  
Graphics  
Printer[AIBM  
Proprinter[A,Ü,½,Í  
IBM Quietwriter  
fvfŠf^

**graphicswide**

IBM Personal  
Graphics  
Printer[A11  
fCf"f"•,ìfj[fgfŠfbf  
W•t,«

**laserjet**

Hewlett-Packard  
LaserJet fvfŠf^

**laserjetii**

Hewlett-Packard  
LaserJet II fvfŠf^

**paintjet**

Hewlett-Packard

<b>quietjet</b>	PaintJet fvfŠf“f^ Hewlett-Packard QuietJet fvfŠf“f^
<b>quietjetplu</b>	Hewlett-Packard QuietJet Plus fvfŠf“f^
<b>ruggedwriter</b>	Hewlett-Packard RuggedWriter fvfŠf“f^
<b>ruggedwriterwi de</b>	Hewlett-Packard RuggedWriterwide fvfŠf“f^
<b>thermal</b>	IBM PC •İŠ·%oÂ“\ fT[]f}f< fvfŠf“f^
<b>thinkjet</b>	Hewlett-Packard ThinkJet fvfŠf“f^

[fhf%ofCfu:] [fpfX] ftf@fCf<-¼

fTf[] [fg'î[]Ü,Æ,È,é,·,x,Ä,lfvfŠf“f^,ÉŠÖ,·,é[]î•ñ,ª“ü,Á,Ä,ç,é[]AfvfŠf“f^ fvf[]ftf@fCf<,î[]ê[]Š,Æ-¼'O,ðŽw'è,μ,Û,·[]B,±,lfpf%of[] [f^,ð[]È—ª,·,é,Æ[]ACE»[]Y,lfBfBfCEfNfgfŠ,Æ[]AGRAPHS.COM  
ftf@fCf<,ª“ü,Á,Ä,ç,éfffBfBfCEfNfgfŠ,Ä[]Aftf@fCf< GRAPHICS.PRO ,ðCEÿ[]ð,μ,Û,·[]B

/r

fCf[] [fW,ð[]A“½“] (“,ì)“wCEi,É[]•,ç•¶Žš) ,Á,Í,È,[]A%oæ-Ê,É•Ž! ,³,è,é,Æ,“ ,è,É ([]•,ç“wCEi,É““ ,ç•¶Žš)  
^ó[]ü,μ,Û,·[]BŠù'è,ì[]Y'è,Á,í[]A“½“],Á^ó[]ü,μ,Û,·[]B

/b

“wCEi,ðjff%o[] [ ,Á^ó[]ü,μ,Û,·[]B,±,lfXfCfbf` ,í[]Acolor4 ,“ ,æ,Ñ color8 fvfŠf“f^ ,É—LCEø,Á,·[]B

/lcd

fCf[] [fW,ð[]ACGA fAfXfyfNfg”ä,Á,Í,È,[]A%o[]>fffBfXfvfCEfC (LCD) ,lfAfXfyfNfg”ä,ðŽg,Á,Á^ó[]ü,μ,Û,·[]B,± ,lfXfCfbf` ,ìCEø%oÊ,í[]A/printbox:lcd ,ì[]ê[]ž,Æ““ ,¶,Á,·[]B

/printbox:std | /printbox:lcd

fvfŠf“fg f{fbfNfX,lfTfCfY,ð'I'ð,μ,Û,·[]Bprintbox ,ì[]È—ªCE` ,Æ,μ,Ä pb ,ðŽg—p,Á,« ,Û,·[]BGRAPHICS.PRO  
ftf@fCf<,Á printbox fXfe[] [fgf[]f“fg,ì[]Á[]%o,lflyf%of“fh,ðŠm”F,μ,Ä[]A,» ,lflyf%of“fh,ª std ,Á , ,é,Í  
/printbox:std fXfCfbf` ,ðŽw'è,μ[]A,» ,lflyf%of“fh,ª lcd ,Á , ,é,Í /printbox:lcd fXfCfbf` ,ðŽw'è,μ,Ä,-  
,¾,¾,ç[]B

'[]^Ó

■ ,±,lfRf}f“fh,í[]APC-9800 fvfŠ[] [fY,Á,lfTf[] [fg,³,è,Û,¹,ñ[]B

ŠÖ~A[]€-Ú

■ Print

Graphics ,ÉŠÖ,·,é[]Ú[]×[]î•ñ

■ Graphics--'[]

■ Graphics---á



## Graphics--'□

%%œ-Ê,ì"à—e,đ^óü,·,é

%%œ-Ê,ì"à—e,đ^óü,·,é,É,í□A**Shift + PrintScreen** fL□[,ì'g,Ý□#,í,<sup>1</sup>,đ%ö,μ,Ü,·□BfRf"fsf...□[f^,ª 320 x 148 x 200 fJf%□□[ fOf%oftfBfbfNfX f,□[fh,ì□ê□#□A,·,æ,ÑfvfŠf"f^,ìŽí—p,ª **color1** ,Ü,½,í **graphics** ,ì□ê□#,ì□A**graphics** ,đŽÀ□s,·,é,Æ%œ-Ê,ì"à—e,ª□Á□, 4 'iŠK,ìSD□F,ìŠK<sup>2</sup>,Á^óü,<sup>3</sup>,é,Ü,·□BfRf"fsf...□[f^,ª 640 x 148 x 200 fJf%□□[ fOf%oftfBfbfNfX f,□[fh,Á, ,é,í□A**graphics** ,đŽÀ□s,·,é,Æ%œ-Ê,ì"à—e,ì—pŽ†,É%□;•úCEü (%□;□CEü,«) ,É^óü,<sup>3</sup>,é,Ü,·□B**Shift + PrintScreen** fL□[,ì'g,Ý□#,í,<sup>1</sup>,đŽg,Á,Ä%œ-Ê,ì"à—e,đ PostScript fvfŠf"f^,É^óü,Á,«,Ü,<sup>1</sup>,ñ□B

f□f,fŠ,É<y,Ú,·CEø%œÊ

**graphics** fRf}f"fh,đŽÀ□s,·,é,Æ□A—~—p%œÁ"\,Èf□fCf" f□f,fŠ,ì'S—e—Ê,ªCE,□,μ,Ü,·□B

□V,μ,¢fvf□ftf@fCf<,đ"Ç,Ý□ž,þ

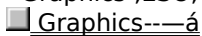
Šù,ÉfvfŠf"f^ fvf□ftf@fCf<,đ"Ç,Ý□ž,ñ,Á,¢,Ä□A**graphics** fRf}f"fh,đŽg,Á,Ä•Ê,ìfvfŠf"f^ fvf□ftf@fCf<,đ"Ç,Ý□ž,Ý,½,¢□ê□#,ì□A□V,μ,¢fvf□ftf@fCf<,đŠù,É"Ç,Ý□ž,Ü,é,Ä,¢,éfvf□ftf@fCf<,æ,è,à□-,<sup>3</sup>,-,μ,Ä,·,¾,<sup>3</sup>,¢□B

CE»□Ý"Ç,Ý□ž,Ü,é,Ä,¢,é,à,ì,æ,è,à'â,«,¢fvf□ftf@fCf<,đ□V,μ,"Ç,Ý□ž,þ,É,ì□AfvfXfef€ ,đ□Ä<N" @,μ,Ä,©,¢□A**graphics** fRf}f"fh,đŽg,Á,Ä□V,μ,¢fvf□ftf@fCf<,đ"Ç,Ý□ž,ñ,Á,·,¾,<sup>3</sup>,¢□B

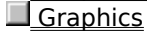
**graphics** fRf}f"fh,¾,·,đŽg,Á,Ä□ACE»□Ý"Ç,Ý□ž,Ü,é,Ä,¢,éfvf□ftf@fCf<,æ,è,à'â,«,¢fvf□ftf@fCf<,đ□V,μ,-"Ç,Ý□ž,à,¤,Æ,·,é,Æ□AZŸ,ìf□fbfZ□[fW,ª•\Ž,ì,<sup>3</sup>,é,Ü,·□B

fvf□ftf@fCf<,đ□Ä"Ç,Ý□ž,Ý,Á,«,Ü,<sup>1</sup>,ñ

Graphics ,ÉŠÖ,·,é□Ú□×□î•ñ



Graphics---á



Graphics



### Graphics---á

f v f S f " f ^ , Å f O f % o f t f B f b f N f X % o æ - Ê , ð ^ ó ü , , é € " ö , ð © , ! , é , É , í [ A Ž Ÿ , } f R f } f " f h , ð " ü - í , µ , Ü , · [ B

graphics

^ ó ü , µ , ½ , ç [ î • ñ , ð • \ Ž | , ³ , ¹ , ½ , ç [ A **Shift + PrintScreen** f L [ , ð % ö Ÿ , µ , Ü , · [ B % o æ - Ê , É • \ Ž | , ³ , ê , Ä , ç , é [ î • ñ , ð ' -  
[ , , ³ , ê [ A f v f S f " f ^ , É ' - [ M , ³ , ê , Ü , · [ B

Graphics , É Š Ö , , é [ Ú [ × [ î • ñ

Graphics--'

Graphics



## Help

Windows NT, help [fRf}f“fh (f|fbfgf [fN^ÈŠÖ) ,ÉŠÖ, ,é|f“f%ofCf“ [î•ñ,đ•\Ž!,μ,Û,·□B

**help** [fRf}f“fh]

**fpf%of [f^**

fRf}f“fh

[î•ñ,đ•\Ž!,μ,½, cfRf}f“fh, ì-¼‘O, đŽw’è, μ,Û, ·□BfRf}f“fh-¼, đŽw’è, μ,È, -, ê, Î□A, ·, x, Ä, ì Windows NT  
fVfXfef€ fRf}f“fh, ÌŠT—v, đ•\Ž!, μ,Û, ·□B

’□

□ fRf}f“fh, |f|f“f%ofCf“ fvf<fv, đ•\Ž!, ·, é, É, í 2 , Â, ì•û-@, a, , è, Û, ·□B**help** fRf}f“fh f%ofCf“ , ÅfRf}f“fh-  
¼, đŽw’è, ·, é, ©□A, Û, ½, |fRf}f“fh fvf□f“fvfg, ©, cfRf}f“fh-¼, Æ /? fXfCbf` , đ“ü—  
í, Â, «, Û, ·□B, ½, Æ, í, í□AZŸ, |fRf}f“fh, Ì, Ç, ÷, ç, ©, đ“ü—|, ·, é, Æ□**Axcopy** fRf}f“fh, ÉŠÖ, ·, é [î•ñ, a•\Ž!, ³, ê, Û, ·□B

help xcopy

xcopy /?

2 “Ô-Ú, |fRf}f“fh, ì•û, a, â, â□, ‘-, Å, ·□B

f|fbfgf [fN fRf}f“fh, |fwf<fv, É, Â, ç, Ä, í□**Anet help** , đŽQ□Æ, μ, Ä, , ¾, ¾, ç□B





**if**

ftf@fCf<,ÄðCE•t,«^—,ðŽÀs,µ,Û,·Bif  
fRf}f“fh,ÅŽw’è,µ,½ðCE,ª^,Å, ,ê,îA,» ,ìðCE,ìCEä,É±,fRf}f“fh,ðŽÀs,µ,Û,·BðCE,ªU,Å, ,ê,îA,» ,ìf  
Rf}f“fh,ð-³Ž<,µ,Û,·B

**if [not] errorlevel** "Ô+ fRf}f“fh

**if [not] •ŇŽš—ň 1==•ŇŽš—ň 2** fRf}f“fh

**if [not] exist** ftf@fCf<-¼ fRf}f“fh

**fpf%of[]f^**

**not**

ðCE,ªU,ì,Æ,« ,É,¾, ~AfRf}f“fh,ìŽÀs,ðŽw’è,µ,Û,·B

**errorlevel** "Ô+

CMD.EXE ,É,æ,èŽÀs,³,è,½¼’O,ìfvf[]fOf%of€,©,ç"Ô+ ,æ,è,à’â,« ,ç,©A,Û,½,í"™ ,µ,ç|—  
¼fR[]fh,ª•Ô,³,è,½,Æ,« ,É,¾, ~A^ ,ìðCE,ðŽw’è,µ,Û,·B

fRf}f“fh

¼’O,ìðCE,ª-ž,½,³,è,Ä,ç,é,Æ,« ,ÉŽÀs, ,éfRf}f“fh,ðŽw’è,µ,Û,·B

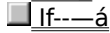
**•ŇŽš—ň 1==•ŇŽš—ň 2**

**•ŇŽš—ň 1 ,Æ •ŇŽš—ň 2** ,ª“ ,Ň,Å, ,é,Æ,« ,É,¾, ~A^ ,ìðCE,ðŽw’è,µ,Û,·B,±,ì 2 ,Å,ì’l,Æ,µ,ÄAfŠfef  
%of<•ŇŽš—ň,Û,½,ìfobf`•î" ( ,½,Æ,ì,î %1 ) ,ðŽg,±,±,Æ,ª,Å,« ,Û,·BfŠfef%of<•ŇŽš—ň,ð“ňd^ø—p•, ( " )  
,Å^í,þ•K—v,í, ,è,Û,¹,ňB

**exist** ftf@fCf<-¼

ftf@fCf<-¼,ªŇŇÝ, ,éê±,É,¾, ~A^ ,ìðCE,ðŽw’è,µ,Û,·B

if ,ÉŠÖ, ,éÚ×î•ň





**if--'**

f v f f o f % o f € , a ' â ž ~ , , é , Æ A Windows NT , É | — 1 f R [ f h , a • Ô , 3 , ê , Ü , . B **errorlevel** f p f % o f [ f ^ , ð ž g , x  
, Æ A | — 1 f R [ f h , ð ð ð Æ , Æ , μ , Ä ž g — p , Å , « , Ü , . B

**if--á**

**if**



### If---á

ŽŸ,ì—á,Ā,í□Aftf@fCf< PRODUCT.DAT ,āCE©,Ā,©,ç,È,†□ê†,É□AfbfZ□[fW "ff□[f^ ftf@fCf<,đCE©,Ā,̄,é,±  
 ,Æ,ā,Ā,«,Ů,¹,ň" ,ā•\Ž!,³,ê,Ů,·□B

if not exist product.dat echo ff□[f^ ftf@fCf<,āCE©,Ā,©,è,Ů,¹,ň.

ŽŸ,ì—á,Ā,í□Afhf%ofCfu A ,ìftfH□[f}fbfg't,ÉfGf%□[,"□¶,·,é,Æ□Afgf%□[ f□fbfZ□[fW,ā•\Ž!,³,ê,Ů,·□Bfgf  
 %□[,"□¶,μ,È,̄,ê,í□Afgf%□[ f□fbfZ□[fW,íxfLfbfv,³,ê,Ů,·□B

```
:begin
@echo off
format a: /s
if not errorlevel 1 goto end
echo fffBfXfN,ìftfH□[f}fbfg't,ÉfGf%□[,"□¶,μ,Ů,μ,½.
:end
echo fffBfXfN,ìftfH□[f}fbfg,í-³Ž-□l-¹,μ,Ů,μ,½.
```

ŽŸ,ì—á,Ā,í□AfffBfCEfNfgfŠ,ì—L-³,āfefXfg,³,ê,Ů,·□Bif  
 fRf}f"fh,đŽg,Ā,ĀfffBfCEfNfgfŠ,đ'¼□ÚfefXfg,Ā,«,Ů,¹,ň,ā□A,·,x,Ā,ìfffBfCEfNfgfŠ,É,í NULL (NUL)  
 fffofCfX,ā'¶□Ÿ,μ,Ů,·□B,μ,½,ā,Ā,Ā□ANULL fffofCfX,đfefXfg,·,é,í□AfffBfCEfNfgfŠ,ì—L-³,đ"»•Ē,Ā,«,Ů,·□B

if exist c:mydir\nul goto process

If ,ÉŠÖ,·,é□Ú□×□î•ň





### Install

f f, fš, É f f, fš í “ f v f f O f % f € , ð “ Ç , Ý ž , Ý , Ü , · B

install = [ f h f % f C f u : ] [ f p f X ] f t f @ f C f < - ¼ [ f R f } f “ f h f p f % f [ f ^ ]

f p f % f [ f ^

[ f h f % f C f u : ] [ f p f X ] f t f @ f C f < - ¼

ž Ā s , μ , ½ , ç f f, fš í “ f v f f O f % f € , ð é š , Æ - ¼ ‘ O , ð ž w ‘ è , μ , Ü , · B

f R f } f “ f h f p f % f [ f ^

f t f @ f C f < - ¼ , ð ž w ‘ è , · , é f v f f O f % f € — p , l p f % f [ f ^ , ð ž w ‘ è , μ , Ü , · B

Install , É š Ō , · , é ú × î • ñ



Install -- ' [



Install --- á



### Install--'

f, fší“fvfOf%€ ,đ•K—v,Æ, ,éAfvfšP[fVf#“ ,đ<N“ @ , ; ,é'¼'O,É Ainstall ,đŽg,Á,Äf,fší“fvfOf  
 %€ ,đf,fš,É“Ç,Ýž,ň,Å,,¾,¾,č BAUTOEXEC.NT ftf@fCf<,đŽg,Á,Äf,fší“fvfOf%€  
 ,đf,fš,É“Ç,Ýž,Þ,ÆAfrf}f“fh fvff“fvfg,đ<N“ @ ,¾,é,é,½,Ň,Éf,fší“fvfOf%€  
 ,đ“Ç,Ýž,Û,êAf,fš,ì~Q“i,É,È,è,Û,·B

ŠÂ««•ï“ ,Û,½,Ívf# [fgjfbfg fL [ ,đŽg,xfvfOf%€ A , ,é,č,Í AfNfšfefBjff<,ÉfGf% [ ,đ^ — , ,é,½,ß,É  
 CMD.EXE ,đ“ŇÝ,µ,È, ,é,î,É,ç,È,čfvfOf%€ ,đ“Ç,Ýž,Þ,ê,í, Ainstall ,đŽg,í,É,č,Å,,¾,¾,č B

Install ,ÉŠÖ, ,éÚ×í•ň



Install--—á



Install



### Install---

CONFIG.NT ftf@fCf<,lfvf[]fOf%of€,đf[]f,fŠ,É“Ç,Ý[]ž,p,É,í[]AŽŸ,ì,æ,α,É“ü—í,μ,Û,·[]B

### install

Install ,ÉŠÖ,.,é[]Ú[]×[]î•ñ

Install--'

Install



## ipxroute

IPX fvfjfgfRf<,ĂŽg,xf<[fefBf“fO fe[fuf<,ÉŠÖ,·,éŋî•ň,đ•Ž!„Ü,½,í•iX,μ,Ü,·BIPX f<[fefBf“fO,Æ∧[fX f<[fefBf“fO,Á,íA^Ü,É,éflfvfVf#f“,đŽw’è,μ,Ü,·B,·,x,Ă,lfifvfVf#f“,lfXfy[fX,Ăæ∅,è,Ü,·B

### IPX f<[fefBf“fO flfvfVf#f“

**ipxroute servers [/type=x]**

**ipxroute stats [/show] [/clear]**

**ipxroute table**

**fpf%of[f^**

**servers [/type=x]**

Žw’è,μ,½fT[fO[,ìŽí—p,É’í%ž,·,é SAP fe[fuf<,đ•Ž!„,μ,Ü,·Bx ,í@“„,Ă,·B,½,Æ,í,íA/type=4 ,íA,·,x,Ă,lf@fCf< fT[fO[,đ•Ž!„,μ,Ü,·B/type ,É%½,àŽw’è,μ,É,ç,ÆA,·,x,Ă,ìŽí—p,lfT[fO[,a·\ Ž!,³,è,Ü,·B^è—,íAfT[fO[-¼#„,É•Ă,x’Ö,í,ç,è,Ü,·B

**stats [/show] [/clear]**

IPX f<[f^ [ fCf“f^ [ftfFfCfX,ì“CEvŋî•ň,đ•Ž!„,Ü,½,íÁ<Ž,μ,Ü,·B/show ,aŠù’è’l,Ă,·B/clear ,íA“CEvŋî•ň,đÁ<Ž,μ,Ü,·B

**table**

IPX f<[fefBf“fO fe[fuf<,đflfbfgf[fN”Ô†#„,É•Ă,x’Ö,í,Ă•Ž!„,μ,Ü,·B

### f[fX f<[fefBf“fO flfvfVf#f“

**ipxroute board=n [clear] [def] [gbr] [mbr] [remove=xxxxx]**

**ipxroute config**

**fpf%of[f^**

**board=n**

fpf%of[f^ ,î-â,ç#„,í,¹,Ü,½,íŸ’è,đos,xfifbfgf[fN fAf\_fvf^ fj[fh,đŽw’è,μ,Ü,·B

**clear**

f[fX f<[fefBf“fO fe[fuf<,đÁ<Ž,μ,Ü,·B

**def**

fpfPfbfg,đ ALL ROUTES fuf[fhfLfffXfg,É’—M,μ,Ü,·BfpfPfbfg,af[fX f<[fefBf“fO fe[fuf<,É“ü,Ă,Ă,ç ,É,ç^è^Ó,ì MAC fAfhfÆfX,É“‘—,³,è,éé#AŠù’è,ìŸ’è,Ă,lfPfPfbfg,đ SINGLE ROUTES fuf[fhfLfffXfg,É’—M,μ,Ü,·B

**gbr**

fpfPfbfg,đ ALL ROUTES fuf[fhfLfffXfg,É’—M,μ,Ü,·BfpfPfbfg,afuf[fhfLfffXfg fAfhfÆfX (FFFFFFFFFFFFFF) ,É“‘—,³,è,éé#AŠù’è,ìŸ’è,Ă,íAfpfPfbfg,đ SINGLE ROUTES fuf[fhfLfffXfg,É’— M,μ,Ü,·B

**mbr**

fpfPfbfg,đ ALL ROUTES fuf[fhfLfffXfg,É’—M,μ,Ü,·BfpfPfbfg,af}f`fLfffXfg fAfhfÆfX (C000xxxxxxxx) ,É“‘—,³,è,éé#AŠù’è,ìŸ’è,Ă,íAfpfPfbfg,đ SINGLE ROUTES fuf[fhfLfffXfg,É’— M,μ,Ü,·B

**remove=xxxxx**

Žw’è,μ,½fm[fh fAfhfÆfX,đf[fX f<[fefBf“fO fe[fuf<,©,çíœ,μ,Ü,·B

**config**

IPX ,<sup>a</sup>□\□-<sup>3</sup>,ê,Ä,ç,é,·,×,Ä,ÿofCf“fh□î•ñ,ð•\Ž|,μ,Û,·□B





### Keyb

**keyb** fvf[]Of%of€ ,đ<N“ ® ,μ□A“Á’è ,)CE¾CEê ,É□± ,í ,¹ ,ÄfL□[f{□[fh ,đ□Ý’è ,μ ,Ü ,·□B

**keyb** ,í□A%op•ÄCEê^ÈŠO ,)CE¾CEê ,É□± ,í ,¹ ,ÄfL□[f{□[fh ,đ□Ý’è ,· ,é ,Æ ,« ,ÉŽg ,č ,Ü ,·□B

**keyb** [xx[, [yyy][, [fhf%ofCfu:] [fpfX] ftf@fCf<-¼)] [ /e ] [ /id:nnn ]

CONFIG.NT ftf@fCf<, Á ,í□AŽŸ ,ì□\•¶ ,đŽg ,č ,Ü ,·□B

**install**=[ [fhf%ofCfu:] [fpfX] **keyb.com** [xx[, [yyy][, [fhf%ofCfu:] [fpfX] ftf@fCf<-¼)] [ /e ] [ /id:nnn ]

### fpf%of[]f^

xx

fL□[f{□[fh fR□[fh ,đŽw’è ,μ ,Ü ,·□B ,± ,ìfpf%of[]f^ ,Æ ,μ ,Ä—LCEø ,È’l ,ì^è— ,í□A ,± ,ì□€—Ü ,ì□ÅCEä ,É , ,é•\ ,đŽQ□Æ ,μ ,Ä ,¾ ,¾ ,¾ □B

yyy

Windows NT ,Æ MS-DOS ftfufVfXfef€ ,Á ,í□A ,± ,ìfpf%of[]f^ ,íŽg ,í ,é ,Ü ,¹ ,ň□BMS-DOS ,Æ ,ìCEÝŠ•□< ,đŠm•Ü ,· ,é ,½ ,ß ,É ,¾ ,¾ ,¾ —p^Ó ,¾ ,é ,Ä ,č ,Ü ,·□B

[fhf%ofCfu:] [fpfX] ftf@fCf<-¼

Windows NT ,Æ MS-DOS ftfufVfXfef€ ,Á ,í□A ,± ,ìfpf%of[]f^ ,íŽg ,í ,é ,Ü ,¹ ,ň□BMS-DOS ,Æ ,ìCEÝŠ•□< ,đŠm•Ü ,· ,é ,½ ,ß ,É ,¾ ,¾ ,¾ —p^Ó ,¾ ,é ,Ä ,č ,Ü ,·□B

[fhf%ofCfu:] fpfX

Windows NT ,Æ MS-DOS ftfufVfXfef€ ,Á ,í□A ,± ,ìfpf%of[]f^ ,íŽg ,í ,é ,Ü ,¹ ,ň□BMS-DOS ,Æ ,ìCEÝŠ•□< ,đŠm•Ü ,· ,é ,½ ,ß ,É ,¾ ,¾ ,¾ —p^Ó ,¾ ,é ,Ä ,č ,Ü ,·□B

### /e

Windows NT ,Æ MS-DOS ftfufVfXfef€ ,Á ,í□A ,± ,ìfpf%of[]f^ ,íŽg ,í ,é ,Ü ,¹ ,ň□BMS-DOS ,Æ ,ìCEÝŠ•□< ,đŠm•Ü ,· ,é ,½ ,ß ,É ,¾ ,¾ ,¾ —p^Ó ,¾ ,é ,Ä ,č ,Ü ,·□B

### /id:nnn

Windows NT ,Æ MS-DOS ftfufVfXfef€ ,Á ,í□A ,± ,ìfpf%of[]f^ ,íŽg ,č ,Ü ,¹ ,ň□BMS-DOS ,Æ ,ìCEÝŠ•□< ,đŠm•Ü ,· ,é ,½ ,ß ,É ,¾ ,¾ ,¾ —p^Ó ,¾ ,é ,Ä ,č ,Ü ,·□B

### xx ,ì’l

ŽŸ ,ì•\ ,ì□A□’ ,Ü ,½ ,)CE¾CEê ,² ,Æ ,É□Axx ,É—LCEø ,È’l ,đŽ! ,μ ,Ä ,č ,Ü ,·□B

□’ ,Ü ,½ ,)CE¾CEê	<b>fL□[f{□[fh fR□[fh (xx ,ì’l)</b>
-------------------	--

- |                    |    |
|--------------------|----|
| fxf<fM□[           | be |
| fuf%ofWf<          | br |
| fjif_ ftf%of“fXCEê | cf |
| f`fFfR             | cz |
| fXf□fofLfA         | sl |
| fff“f}□[fN         | dk |
| ftfBf“f%of“fh      | su |
| ftf%of“fX          | fr |
| fhfCfc             | gr |
| fnf“fKfŠ□[         | hu |

fCf^fŠfA	it
f%ofef" fAf□fŠfj	la
f f%of"f_	nl
fmf<fEfF□l	no
f □l[f%of"f'h	pl
f f<fgfKf<	po
fXfyfCf"	sp
fXfEfF□lfff"	sv
fXfCfX (ftf	sf
%of"fXÆè)	
fXfCfX (fhfCfcÆè)	sg
fCfMfŠfX	uk
fAf□fŠfj	us
fZf<f{fNf□fAf` fA	yu

ŠÖ~A□€-Ú

Chcp

Keyb ,ÉŠÖ,·,é□Ú□×□î•ñ

Keyb--'□

Keyb---á



### Keyb--'□

CE»□Ý,ìfL□[f{□[fh fR□[fh,ÆfR□[fh fy□[fW,ð•\Žì,•,é

fpf%of□□[f^,Ü,½,ífXfCfbf^,ð•t,~,É **keyb** fRf}f“fh,ðŽg,æ,Æ□ACE»□Ý,ìfL□[f{□[fh  
fR□[fh□ACE»□Ý,ìfL□[f{□[fh,ÉŠÖ~A,•,éfR□[fh fy□[fW□A,“,æ,ÑfRf“f□[f< (CON) ,ĂŽg,í,é,Ă,č,éCE»□Ý,ìfR□[fh  
fy□[fW,ª•\Žì,³,é,Ü,•□B,±,é,ç,ì□î•ñ,í□AZŽÝ,ìCE`Ž@,Ă•\Žì,³,é,Ü,•□B

CE»□Ý,ìfL□[f{□[fh layout: Language 12 Sublanguage 0

CE»□Ý,ì CON fR□[fh fy□[fW: 437

### keyb ,ì<N“@•û-@

ŽŸ,É□Akeyb fvf□fOf%of€,ì 3 ,Ă,ì<N“@•û-@,ðŽì,μ,Ü,•□B



fRf}f“fh fvf□f“fvfg,©,ç **keyb** ,Æ“ü—í,μ,Ü,•□B



CONFIG.NT ftf@fCf<,É KEYB.COM —p,ì **install** fRf}f“fh,ð'Ç%oÁ,μ,Ü,•□B



AUTOEXEC.NT ftf@fCf<,É□AŠY“-•,é **keyb** fRf}f“fh,ð'Ç%oÁ,μ,Ü,•□B

### keyb ,ì□I—¹fR□[fh

ŽŸ,É□A□I—¹fR□[fh,Æ,»),ì^Ó-i,ðŽì,μ,Ü,•□B

0

fL□[f{□[fh'è<`ftf@f  
Cf<,í□³,μ,“Ç,Ý□ž,Ü,  
é,Ü,μ,½□B

1

-³CEø,ÈfL□[f{□[fh  
fR□[fh□AfR□[fh  
fy□[fW□A,Ü,½,í□\  
•¶,ªŽg,í,é,Ă,č,é□B

fobf` ftf@fCf<,ì if fRf}f“fh,Ă **errorlevel** fpf%of□□[f^,ðŽg,æ,Æ□Akeyb ,©,ç•Ô,³,é,é□I—¹fR□[fh,ð□^—  
□,Ă,«,Ü,•□B□I—¹fR□[fh,ð□^—□,•,éfofbf` ftf@fCf<,ì—á,É,Ă,č,Ă,í□Adiskcomp fRf}f“fh,ðŽQ□Æ,μ,Ă,,¾,³,ç□B

Keyb ,ÉŠÖ,•,é□Ú□×□î•ñ



Keyb---á



Keyb



### Keyb---á

fhfCfcÆÊ,lfL[f{[fh,ðŽg,ç,½,çê±,íAŽÿ,ìRf}f“fh,ð“ü—í,μ,Ü,·B

keyb gr

Keyb ,ÉŠÖ,·,éÚ×î•ñ

Keyb--'□

Keyb



**Label**

ffBfXfN,lf{fŠf...[f€ f%ofxf< (-¼'O) ,điñ-ñA•iñXñA,Ü,½,íñíñœ,μ,Ü,·ñB

Windows NT ,Å,íñAfffBfCEfNfgfŠ^ê—,ì^ê•",Æ,μ,Äf{fŠf...[f€ f%ofxf<,đ•\Ž!,μ,Ü,·ñBf{fŠf...[f€  
fvfŠfAf<"Ôñt,ª"ñY,·,éêñ‡,íñA,±,ì"Ôñt,à•\Ž!,μ,Ü,·ñB

**label** [fhf%ofCfu:][f%ofxf<]

**fpf%ofññ[f^**

,È,μ

œ»ñÝ,lf{fŠf...[f€ f%ofxf<,đ•iñX,·,é,©ñA,Ü,½,íŠù'ñ,lf%ofxf<,đñíñœ,·,é,É,íñAfpf%ofññ[f^,đ•t,·,·,É **label**  
,Æ"ü—í,μ,Ü,·ñB

fhf%ofCfu:

-¼'O,đ•t,·,½,çfffBfXfN,ìñêñŠ,đŽw'è,μ,Ü,·ñB

f%ofxf<

ñV,μ,çf{fŠf...[f€ f%ofxf<,đŽw'è,μ,Ü,·ñBfhf%ofCfu,Æf%ofxf<,ìŠÖ,É,ífRfñf" ( : ) ,ª•K—v,Å,·ñB

ŠÖ~Añ€-Ú

Dir

Vol

Label ,ÉŠÖ,·,éñÚñ×ñí•ñ

Label--'ñ

Label---á



**Label--'**

**Label fRf}f"fh,lf}fbfZ[fW**

f%ofxf<,đŽw'è,μ,È,ç,Å **label fRf}f"fh,đŽg,α,Æ[AŽŸ,lf}fbfZ[fW,ª•\Ž!,³,è,Ü,·□B**

fhf%ofCfu A ,lf{fŠf...□[f€ f%ofxf<,í xxxxxxxxxxxx ,Å,·

f{fŠf...□[f€ fVfŠfAf<"Ô□†,í xxxx-xxxx ,Å,·

f{fŠf...□[f€ f%ofxf<,đ"ü—í,μ,Ä,,¾,¾,ç ("¼Šp,Å 11 •¶Žš□A'SŠp,Å 5 •¶Žš^È"à

•K—v,ª,È,·,è,î **Enter** fL□[,đ%oŸ,μ,Ä,,¾,¾,ç):

fffBfXfN,ÉfVfŠfAf<"Ô□†,ª•t,ç,Ä,ç,È,·,è,î□Af□fbfZ[fW,ì "f{fŠf...□[f€fVfŠfAf<"Ô□†" •"•ª,í•\Ž!,³,è,Ü,¹,ñ□B

•K—v,Èf{fŠf...□[f€ f%ofxf<,đ"ü—í,·,é,©□A,Ü,½,í **Enter** fL□[,đ%oŸ,μ,Ä□ACE»□Ÿ,lf{fŠf...□[f€ f

%ofxf<,đ□í□œ,Å,«,Ü,·□BfffBfXfN,Éf%ofxf<,ª•t,ç,Ä,ç,é□é□#,É□A%o½,à"ü—í,¹,·,É **Enter** fL□[,đ

%oŸ,·,Æ□AŽŸ,lf}fbfZ[fW,ª•\Ž!,³,è,Ü,·□B

CE»□Ÿ,lf{fŠf...□[f€ f%ofxf<,đ□í□œ,μ,Ü,·,© (Y/N)?

**Y** fL□[,đ%oŸ,·,Æf%ofxf<,ª□í□œ,³,è,Ü,·□BN fL□[,đ%oŸ,·,Æf%ofxf<,í,»,ì,Ü,Ü•Ü'¶,³,è,Ü,·□B

**f{fŠf...□[f€ f%ofxf<-¼,ÉŠÖ,·,é□SCEÀŽ-□€**

f{fŠf...□[f€ f%ofxf<,í□ANTFS f{fŠf...□[f€,ì□é□#,í 32 •¶Žš ("¼Šp,ì□é□#) ^È"à□AFAT f{fŠf...□[f€,ì□é□#,í 11

•¶Žš ("¼Šp,ì□é□#) ^È"à,Å•t,·,é,±,Æ,ª,Å,«,Ü,·□BfXfy□[fX,íŽg,ì,Ü,·,af^fu,íŽg,ì,Ü,¹,ñ□B

f{fŠf...□[f€ f%ofxf<,É,íŽŸ,ì•¶Žš,đŽg,í,È,ç,Ä,,¾,¾,ç□B

\* ? / \ | . , ; : + = [ ] ( ) < > "

Windows NT ,Å,í□AFAT ,lf{fŠf...□[f€ f%ofxf<,í'ª•¶Žš,Å•\Ž!,³,è,Ü,·□Bf{fŠf...□[f€ f%ofxf<,đ□—•¶Žš,Å"ü—

í,·,é,Æ□A**label** ,É,æ,èŠe•¶Žš,ª'ª•¶Žš,É•İŠ,·,³,è,Ü,·□BNTFS f{fŠf...□[f€ f%ofxf<,í•İŠ,·,³,è,·□Af

%ofxf<□ì—Žž,ÉŽg,Å,½'ª•¶Žš□—•¶Žš,ª•\Ž!,³,è,Ü,·□B

Label ,ÉŠÖ,·,é□Ú□×□î•ñ

Label---á

Label



**Label---**

f h f % o f C f u A , ì A 7 Ā Ž , ì ” „ , ä ð ï • ñ , ð “ ü , Á , Ä , ç , é f f B f X f N , É f % o f x f < , ð • t , ¯ , é , É , í A Ž Ÿ , ì , æ , x , É “ ü — í , μ , Ü , · B

label a:sales-july

Label , É Š Ö , · , é Ú × ð ï • ñ

Label--'

Label



### Libpath

OS/2 fTfuVfXfef€ ,Éf\_fCjif~fbfN fŠf“fN f%ofCfuf%ofŠ,đCEŸ□đ,³,¹,éfffBfCEfNfgfŠ,đŽw’è,μ,Û,·□B,± ,ìfRf}f“fh,đŽg,±,É,í□AC:\CONFIG.SYS ftj@fCf<,đ•Ó□W,μ,Û,·□B

**libpath**=[fhf%ofCfu:] fpfX[;[fhf%ofCfu:] fpfX][...]

### fpf%of□□[f^

fhf%ofCfu:

f\_fCjif~fbfN fŠf“fN f%ofCfuf%ofŠ,ª“ü,Á,Ä,ç,éfhf%ofCfu,đŽw’è,μ,Û,·□Bfhf%ofCfu,đŽw’è,μ,È,¯,ê,î□AOS/2 fTfuVfXfef€ ,É,æ,èCE»□Ÿ,ìfhf%ofCfu,ªCEŸ□đ,³,ê,Û,·□B

fpfX

f\_fCjif~fbfN fŠf“fN f%ofCfuf%ofŠ,đCEŸ□đ,·,éfffBfCEfNfgfŠ,đŽw’è,μ,Û,·□B-¼’O,đfZf~fRf□f“ ( ; ) ,Ä<æ□Ø,Á,Ä□A•i□” ,ìfffBfCEfNfgfŠ,đŽw’è,Ä,«,Û,·□B

Libpath ,ÉŠÖ,·,é□Ú□×□î•ñ



Libpath---á



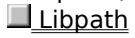


### Libpath---

OS/2 fTfufVfXfef€ ,Éî,μ,ÄACE»Ý,ìffBfCEfNfgfŠ,Æfn[fh fffBfXfN (fh%ofCfu C) ä,ìffBfCEfNfgfŠ  
DYNLIB ,ÄAf\_fCfif~fbfN fŠ“fN f%ofCfuf%ofŠ,ðCEŸö, ,é,æ,α,ÉŽwŽ!, ,é,É,ÍAC:CONFIG.SYS  
ftf@fCf<,ÉŽŸ,ìs,ð'Ç%Á,μ,Û,·B

libpath=.;c:\dynlib

Libpath ,ÉŠÖ, ,éÚ×î•ñ





### Lastdrive

Windows NT ,Æ MS-DOS fTfufVfXfef€ ,íA,±,lfRf}f“fh,đŽÀs,μ,Û,<sup>1</sup>,ñBMS-DOS  
,Æ,ìŒYŠ·«,đŠm•Û,·,é,<sup>1</sup>/<sub>2</sub>,ß,É,<sup>3</sup>/<sub>4</sub>,¯—p^Ó,<sup>3</sup>,ê,Ä,ç,Û,·B  
fhf%ofCfu,í•K, ,Å'å (Z) ,ÉY'è,<sup>3</sup>,ê,Û,·B



**Loadfix**

fvf[]fOf%of€ ,đf[]fCf“ f[]f,fŠ,ì[]Å[]%o,ì 64KB ,æ,è,à[]ă^Ê,É“Ç,Ý[]ž,Ý[]A,» ,lfvf[]fOf%of€ ,đŽÀ[]s,μ,Û,·[]B

**loadfix** [fhf%ofCfu:][fpfX] ftf@fCf<-¼ [fRf}]f“fhfpf%of[]f^]

[fhf%ofCfu:][fpfX]

fvf[]fOf%of€ ,ìfhf%ofCfu,ÆffBfCEfNfgfŠ,đŽw'è,μ,Û,·[]B

ftf@fCf<-¼

fvf[]fOf%of€ ,ì-¼'O,đŽw'è,μ,Û,·[]B

fRf}]f“fhfpf%of[]f^]

fvf[]fOf%of€ ,ìfpf%of[]f^ ,đŽw'è,μ,Û,·[]B

Loadfix ,ÉŠÖ,·,é[]Ú[]×[]î•ñ

Loadfix--'[]

Loadfix---á



**Loadfix--'**

fvf[]fOf%of€‘S’ì,Ü,½,í^è•” ,af[]fCf“ f[]f,fŠ,ì[]Å[]%o,ì 64KB ,É“Ç,Ý[]ž,Ü,è,é,Æ[]Afvf[]fOf%of€,É,æ,Á,Ä,í  
"fjfbfjN,<sup>3</sup>,è,½ftf@fCf<,í•s[]<sup>3</sup>,Å," ,Æ,ç,xf[]fbfZ[]fW,<sup>a</sup>•\Ž|,<sup>3</sup>,è[]A[]<sup>3</sup>í,ÉŽA[]s,Å,«,É,ç,±  
,Æ,<sup>a</sup> ,è,Ü,·[]B,Ü,Æ,ñ,Ç,ì[]è[]±[]A,±,ìfGf%o[][,ífffofCfX fhf%ofCfo,ðfAfbfp[][ f[]f,fŠ—  
ì^æ,É“Ç,Ý[]ž,ñ,Å[]Af[]fCf“ f[]f,fŠ,ì[]Å[]%o,ì 64KB ,ì—ì^æ,ð%oð•ú,μ,½[]è[]±,É”[]¶,μ,Ü,·[]B,±,ìf[]fbfZ[]fW,<sup>a</sup>•\  
Ž|,<sup>3</sup>,è,½[]è[]±,í[]**loadfix** fRf}f“fh,ðŽg,Á,Ä[]Afvf[]fOf%of€,æ%o¼‘zf[]fCf“ f[]f,fŠ,ì[]Å[]%o,ì 64K  
,æ,è,à[]ã^É,É“Ç,Ý[]ž,Ü,è,é,æ,æ,É,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç[]B

**loadfix** ,ðŽg,æ,É,í[]Afvf[]fOf%of€,ð<N“ ® ,·,éfRf}f“fh,ì[]æ“<sup>a</sup>,É’Ç%oÁ,μ,Ü,·[]B

Loadfix ,ÉŠÖ,·,é[]Ú[]×[]í•ñ



Loadfix



Loadfix--—á



### Loadfix---á

fvf[]fOf%of€ MYAPP.EXE (fhf%ofCfu C ,lffBfCEfNfgfŠ APPS ,É, ,é,Æ,μ,Ü,·) ,đ“Ç,Ý[]ž,Ý[]A/c fpf  
 %of[]^,đ•t, ,ĂŽg,α,É,Í ( ,½,Æ,!,Î[]A•¶Žšf,[]fh,Ăfvf[]fOf%of€ ,đ“Ç,Ý[]ž,p[]ê[]#)[]AfRf}}f“fh  
 fvf[]f“fvfg,©,çŽŸ,ì,æ,α,É“ü—Í,·,é,©[]A,Ü,½,Ífofbf` ftf@fCf<,É,»,ì[]s,đ“Ç%oÁ,μ,Ü,·[]B

loadfix c:\apps\myapp.exe /c

Loadfix ,ÉŠÖ,·,é[]Ú[]×[]î•ň

Loadfix--'

Loadfix



### Loadhigh (Lh)

f v f □ f O f % o f € , ð f A f b f p □ [ f □ f , f Š — ì ^ æ , É “ Ç , Ý □ ž , Ý , Ü , · □ B f v f □ f O f % o f € , ð f A f b f p □ [ f □ f , f Š — ì ^ æ , É “ Ç , Ý □ ž , p , Æ □ A f □ f C f “ f □ f , f Š , É Ž c , é , Ù , © , ì f v f □ f O f % o f € — p , ì — ì ^ æ , á ‘ á , « , , È , è , Ü , · □ B

**loadhigh** [fhf%ofCfu:][fpfX] ftf@fCf<-¼ [fpf%of□□[f^]

**Ih** [fhf%ofCfu:][fpfX] ftf@fCf<-¼ [fpf%of□□[f^]

**fpf%of□□[f^**

[fhf%ofCfu:][fpfX] ftf@fCf<-¼

“Ç, Ý □ ž , p f v f □ f O f % o f € , ì □ é □ Š , Æ -¼ ‘ O , ð Ž w ‘ è , μ , Ü , · □ B

f p f % o f □ □ [ f ^

f v f □ f O f % o f € , É • K — v , È f R f } f “ f h f % o f C f “ □ î • ñ , ð Ž w ‘ è , μ , Ü , · □ B

Loadhigh , É Š Ö , · , é □ Ú □ × □ î • ñ

Loadhigh--'□

Loadhigh---á



### Loadhigh (lh)--'

DOS=UMB fRf}f“fh,ª•K—v,Ä,•

loadhigh fRf}f“fh,đŽg,ª,É,ÍACONFIG.NT ,Ü,½,Í“™™,ì<N“®ftf@fCf<,ÉAdos=umb fRf}f“fh,đ’Ç  
%oÁ,µ,Ä,,¾,¾,¾,¾Bdos=umb fRf}f“fh,ìÚ×,É,Ä,ç,Ä,ÍAdos fRf}f“fh,đŽQAE,µ,Ä,,¾,¾,¾,¾B

fAfbfp [ f]f,fŠ—ì^æ}f [fWff,đfCf“fXfg [f<,µ,Ä,,¾,¾,¾,¾

f v [fOf%of€ ,đfAfbfp [ f]f,fŠ—ì^æ,É“Ç,Ýž,þ’O,ÉAHIMEM.SYS Šg’£f]f,fŠ f}f [fWff,đfCf“fXfg [f<,µ,Ä,-  
,¾,¾,¾,¾BHIMEM.SYS ,đfCf“fXfg [f< ,•,é,É,ÍACONFIG.NT ,Ü,½,Í“™™,ì<N“®ftf@fCf<,ÄAdevice  
fRf}f“fh,đŽg,ç,Ü,•B

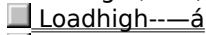
### loadhigh ,ì<@”\

loadhigh fRf}f“fh,đŽg,ª,ÆAWindows NT ,ÍfAfbfp [ f]f,fŠ—ì^æ,Éfv [fOf%of€ ,đ’Ç,Ýž,à,ª  
,Æ,µ,Ü,•BfAfbfp [ f]f,fŠ—ì^æ,É\•ª,È—e—È,ª ,è,ìAf v [fOf%of€ ,ÍfAfbfp [ f]f,fŠ—  
ì^æ,É“Ç,Ýž,Ü,è,Ü,•ªA—e—È,ª« ,è,È,çê [f]fCf“ f]f,fŠ,É“Ç,Ýž,Ü,è,Ü,•B,±,ìê [f]A,Ç,ç,ç,ì—  
ì^æ,É“Ç,Ýž,Ü,è,½,©,Í•Ž! ,¾,è,Ü,¹,ñB

### AUTOEXEC.NT ftf@fCf<,Ä loadhigh ,đŽg,ª

loadhigh fRf}f“fh,đŽg,ªê [f] ,ÉÄ,à•Ö—~ ,È•û-@,ÍAAUTOEXEC.NT ,Ü,½,Í“™™,ì<N“®ftf@fCf<,É  
loadhigh ,đ’Ç%oÁ,•,é,±,Æ,Ä,•B

Loadhigh ,ÉŠÖ,•,éÚ×î•ñ



Loadhigh---á



Loadhigh



### Loadhigh (lh)---

fhf%ofCfo,đfnfC fff,fŠ,É“Ç,Ýž,þ,É,íAAUTOEXEC.NT ,Ü,½,í““™ ,ì<N“ ®ftf@fCf<,ÉžŸ,ìs,đ’Ç%Á,μ,Ü,·B  
lh %systemroot%\system32\dosx

Loadhigh ,ÉŠÖ,.,éÚ×î•ň

Loadhigh--'

Loadhigh





## Mem

MS-DOS fTfufVfXfef€“à,ìš,,,è“-,Ä,ç,è,½f□f,š—ì^æ□A<ó,«f□f,š—ì^æ□A,“,æ,ÑCE»□Ý“Ç,Ý□ž,Ü,è,Ä,ç,évf□fOf%of€,ÉŠÖ,·,é□î•ñ,ð•\Ž!,µ,Ü,·□B

**mem** [/program|/debug|/classify]

**fpf%of□□[f^**

,É,µ

fpf%of□□[f^,ð•t,·,·,É **mem** ,Æ“ü—Í,·,é,Æ□AMS-DOS fTfufVfXfef€,ìžg—p□İ,Ýf□f,š,Æ<ó,«f□f,š,ì□ó'Ô,ª•\Ž!,ª,è,Ü,·□B

**/program**

CE»□Ý“Ç,Ý□ž,Ü,è,Ä,ç,évf□fOf%of€,ì□ó'Ô,ª•\Ž!,ª,è,Ü,·□B/**program** fXfCfbf` ,ð /**debug** fXfCfbf` ,Ü,½,Í /**classify** fXfCfbf` ,Æ<α,ÉŽg—p,Ä,«,Ü,¹,ñ□B/**program** ,ì□É—ªCE` ,Æ,µ,Ä /**p** ,ðžg—p,Ä,«,Ü,·□B

**/debug**

CE»□Ý“Ç,Ý□ž,Ü,è,Ä,ç,évf□fOf%of€,Æ“à•”fhf%ofCfo,ì□ó'Ô□A,“,æ,Ñ,Ü,©,ìfvf□fOf%of~f“fo□î•ñ,ª•\Ž!,ª,è,Ü,·□B/**debug** fXfCfbf` ,ð /**program** fXfCfbf` ,Ü,½,Í /**classify** fXfCfbf` ,Æ<α,ÉŽg—p,Ä,«,Ü,¹,ñ□B/**debug** ,ì□É—ªCE` ,Æ,µ,Ä /**d** ,ðžg—p,Ä,«,Ü,·□B

**/classify**

f□fCf“ f□f,š,ÆfAfbfp□[ f□f,š—ì^æ,É“Ç,Ý□ž,Ü,è,Ä,ç,évf□fOf%of€,ì□ó'Ô,ª•\Ž!,ª,è,Ü,·□B,±,ìfXfCfbf` ,ðžg,α,Æ□A10 □i•\<L,Æ 16 □i•\<L,É,æ,éšefvf□fOf%of€,ìfTfCfY□Af□f,šžg—p□ó<µ,ìŠT—v□A,“,æ,Ñ—~—p,Ä,«,é□Ā`âf□f,š fu□f□bfN,ª^è—•\Ž!,ª,è,Ü,·□B/**classify** fXfCfbf` ,ð /**program** fXfCfbf` ,Ü,½,Í /**debug** fXfCfbf` ,Æ<α,ÉŽg—p,Ä,«,Ü,¹,ñ□B/**classify** ,ì□É—ªCE` ,Æ,µ,Ä /**c** ,ðžg—p,Ä,«,Ü,·□B

Mem ,ÉŠÖ,·,é□Ú□×□î•ñ



Mem--'□



Mem---á



**Mem--'**

**f f, fŠ, ì ó' Ô, ð • \ Ž, , , é**

1MB , ð ' , , é f f, fŠ, ð Š, , , è " - , Ä, Ä, ç, é ê ð ‡, É, ¾, ~ □ AMS-DOS f T f u f v f X f e f € , É, æ, è XMS f f, fŠ, ì ó' Ô, ð • \ Ž, , , é, Û, • □ B

Mem , É Š Ö, , , é □ Ú □ × □ î • ñ



Mem---á



Mem

**Mem---á**

MS-DOS fTfufVfXfef€<sup>3</sup> EMS f[]f,fŠ,đŽg,Á,ÄŸ'è,<sup>3</sup>è,Ä,ç,é,Æ%¼'è,μ,Û,·[]BfVfXfef€  
 ,ì[]#Ævf[]f,fŠ[]A,Ä,Û,è[]Af[]fCf" f[]f,fŠ[]AEMS f[]f,fŠ[]A,"æ,Ñ XMS  
 f[]f,fŠ,ì[]#Æv,Æ[]ACE»[]Ÿf[]f,fŠ,É"Ç,Ÿ[]ž,Û,è,Ä,ç,éfvf[]fOf%œ,ð•\Ž|,<sup>3</sup>,<sup>1</sup>é,É,í[]AZŸ,ìfRf}f"fh,ð"ü—í,μ,Û,·[]B  
 mem /program

CE<%œ,ÌŽŸ,ì,æ,æ,É•\Ž|,<sup>3</sup>è,Û,·[]B

fAhfjCEfX	-¼'O	fTfCfY	f^fCfv
000000		000400	²ŸÄ×ìßÄ íp,Ä
000400		000100	ROM °DÆ¹°¼®Ÿ 'Ø±
000500		000200	DOS °DÆ¹°¼®Ÿ 'Ø±
000700	IO	000310	¼½ÄÑ Äp°Ä
000A10	MSDOS	0014D0	¼½ÄÑ Äp°Ä
001EE0	IO	0018D0	¼½ÄÑ Äp°Ä
	KBD	000800	¼½ÄÑ ìßÛ, p×Ñ
	HIMEM	000420	DEVICE=
		000340	FILES=
		000090	FCBS=
		000170	LASTDRIVE=
		000710	STACKS=
0037C0	COMMAND	000A40	ìßÛ, p×Ñ
004210	MSDOS	000070	-- <ó,« --
004290	COMMAND	0001F0	ŠÄ<<
004490	MEM	0001D0	ŠÄ<<
004670	MEM	017550	ìßÛ, p×Ñ
01BBD0	MSDOS	084410	-- <ó,« --
09FFF0	SYSTEM	028000	¼½ÄÑ ìßÛ, p×Ñ
0C8000	IO	0083D0	¼½ÄÑ Äp°Ä
0C8000	IO	0083D0	¼½ÄÑ Äp°Ä
	MOUSE	0083C0	¼½ÄÑ ìßÛ, p×Ñ
0D03E0	MSDOS	000050	-- <ó,« --
0D0440	REDIR	0009F0	ìßÛ, p×Ñ
0D0E40	DOSX	007CA0	ìßÛ, p×Ñ
0D8AF0	DOSX	001030	Äp°Ä
0D9B30	MSDOS	0164C0	-- <ó,« --

- 655360 fofCfG fRf"fxf"fvf#fif< f[]f,fŠ
- 655360 fofCfG Žg—p%œÄ"\ MS-DOS f[]f,fŠ
- 637296 fofCfG []Ä'âfvf[]fOf%œ fTfCfY
- 1048576 fofCfG 'SfGfNfXfef"fh f[]f,fŠ
- 0 fofCfG Žg—p%œÄ"vfGfNfXfef"fh f[]f,fŠ
- 405504 fofCfG Žg—p%œÄ"\ XMSf[]f,fŠ
- MS-DOS ,ì[]Af[]fC f[]f,fŠ—ì^æ,É[]í"" ,μ,Ä,ç,é,Û,·[]B

"fRf"fxf"fvf#fif< f[]f,fŠ" ,ì[]A[]Ä%œ,ì 640KB ,Û,Ä,ì MS-DOS fTfufVfXfef€ ,ÉŠ,,,"è"—,Ä,ç,é,Ä,ç,é  
 %œ¼'zf[]f,fŠ,ì'S—e—É,Ä,·[]B"Žg—p%œÄ"\ MS-DOS f[]f,fŠ" ,ì[]ACMD.EXE ,É•K—v,Èf[]f,fŠ,ðŠÛ,ß[]AŠ,,,"è"—  
 ,Ä[]í,Ÿ,ìf[]fCf" f[]f,fŠ,ì'S—e—É,Ä,·[]B"[]Ä'âfvf[]fOf%œfTfCfY" ,ì[]Af[]fCf[]fOf%œ,É—~—p%œÄ"\,Èf[]fCf"

fuf,fš"à,ìÅ'â~A'±fufufbfN,Å,·B

"S EMSfuf,fš" (ã<L,ì—á,É,í•\Ž,³,è,Ä,ç,Ü,¹,ñ) ,íAMS-DOS fTfufVfXfef€—p,ÉÝ'è,³,è,Ä,ç,é EMS fuf,fš,ì'S—e—É,Å,·B"Žg—p%Å"\ EMSfuf,fš" ,íAfvfufOf%of€,É—~—p%Å"\,É EMS fuf,fš,ì'S—e—É,Å,·B

"SfGfNfXfef"fh fuf,fš" ,íA1 MB ,ð',ì,é•"•ª,ì'Sfuf,fš—e—É,Å,·B"Žg—p%Å"\fGfNfXfef"fh fuf,fš" ,íAŠ,,èž,Ý"Ô+ 15h ,Å—~—p,Å,«,éfGfNfXfef"fh fuf,fš,Å,·B,±,ìfuf,fš,íAHIMEM.SYS ,È,Ç,ì XMS fuf,fš f}fì[fWff,Å,ÍŠÇ—,³,è,Ü,¹,ñBCEÄ,çf^fCfv,ìfvfufOf%of€,Å,íA,±,ì^Ü,È,éfGfNfXfef"fh fuf,fšŠÇ— ,•ûŽ®,ªì—p,³,è,Ä,ç,é,±,Æ,ª, ,è,Ü,·B"Žg—p%Å"\ XMSfuf,fš" ,íAHIMEM.SYS ,È,Ç,ì XMS fuf,fš f}fì[fWff,ÅŠÇ—,³,èA,»,è,ðžg,ì,éfvfufOf%of€,É—~—p,Å,«,éfuf,fš,Å,·B

Mem ,ÉŠÖ,·,éÚ×î•ñ

Mem--'□

Mem



### Mkdir (md)

fffBfCEfNfgfŠ,Ü,½,ÍTfufffBfCEfNfgfŠ,ðìï¬,µ,Û,·B

**mkdir** [fhf%ofCfu:] fpfX

**md** [fhf%ofCfu:] fpfX

**fpf%of** [f^

fhf%ofCfu:

ïV,µ,çfffBfCEfNfgfŠ,ðìï¬,µ,½,çfhf%ofCfu,ðŽw'è,µ,Û,·B

fpfX

ïV,µ,çfffBfCEfNfgfŠ,ì-¼'O,ÆèèŠ,ðŽw'è,µ,Û,·B'P^è,ìfpfX,ìÅ'â',íAftf@fCf< fvXfef€  
,É,æ,Á,ÄCE^,Û,è,Û,·B

Mkdir ,ÉŠÖ,·,éÛ×î•ň

Mkdir---á



**Mkdir (md)---**

»Ý,ĽffBfĽfNfgŤ,ÉffBfĽfNfgŤ,điĽ,μA,»ĽffBfĽfNfgŤ,đŽg,Á,Ä,·,x,Ä,ĽÀà (TAX)  
Ľ•ň,đŠi”[,μ,½,Ľ,Æ%¼’è,μ,Ů,·BffBfĽfNfgŤ TAXES ,điĽ,·,é,É,ĽAŽŸ,ĽRf}f“fh,đ“ü—Ľ,μ,Ů,·B  
mkdir taxes

ŽŸ,ÉAfffBfĽfNfgŤ TAXES ,»Ý,ĽffBfĽfNfgŤ,Ä, ,èATAXES ,ĽTfuffBfĽfNfgŤ PROPERTY  
,điĽ,μ,½,Ľ,Æ%¼’è,μ,Ů,·BffBfĽfNfgŤ PROPERTY ,điĽ,·,é,É,ĽAŽŸ,ĽRf}f“fh,đ“ü—Ľ,μ,Ů,·B  
mkdir property

Mkdir ,ÉŠÖ,·,éŮ×Ľi•ň





### Mode

fVfXfef€ fffofCfX, ìŸ'è, ð, µ, Û, · □ Bmode fRf}f“fh, í□AfVfXfef€ fXfe□[f^fX, ì•\  
 Ž: □AfVfXfef€Ÿ'è, ì•ì□X□A, , é, ç, íf□[fg, Û, ½, ìffofCfX, ì□ÄŸ'è, È, Ç□A'½□”, ì<@“\, a, , è, Û, · □ B

### mode fRf}f“fh, ðŽg, x

**mode fRf}f“fh, ì'½□”, ì<@“\, ðŽ□, Á, Ä, ç, é, ì, Ä□AŠe<@“\, ðŽÀ□s, ·, é, ½, ß, É•K—v, È□\**

•¶, à^Û, È, è, Û, · □ B, µ, ½, a, Á, Ä□A, ±, ìŠftf@fCef“fX, Ä, í□AŠe<@“\, È, Á, ç, ÄCEÄ•È, È□à-¾, µ, Û, · □ BŽŸ, È□A**mode**  
 fRf}f“fh, ÄŽg, ì, é<@“\, ðŽì, µ, Û, · □ B

1 □s“-è 80 , Û, ½, ì 132 •¶Žš□A1 fCf“f`“-è 6 , Û, ½, ì 8 □s□A, , é, ç, ì, » , ì—¼•ù ( , ±, è, ç, ì<@“\  
 , ðvfšf“f^, Äftf□[fg, ¾, è, é□è□†) , Ä^ó□ù, , é, ½, ß, È□Afpf%ofCef< f□[fg (PRN□ALPT1□ALPT2□A, Û, ½, ì LPT3)  
 , È□U'±, ¾, è, Á, ç, évfšf“f^, ì□ÄŸ'è, ð, µ, Û, · □ B□U□x, È, Á, ç, Ä, í□AMODE (fvfšf“f^, ìŸ'è) , ðŽQ□Æ, µ, Ä, , ¾, ¾, ç□B

“Á^è, ìvfšf“f^□Af, fff€□A, Û, ½, ì, Û, ©, ìvfšfAf< fffofCfX, ÄŽg, ì, é, æ, x, È□AfVfšfAf< È□Mf□[fg  
 (COM1□ACOM2□ACOM3□A, , æ, Ñ COM4) , ì'È□M'—“x□AfpfšfB□A, , æ, Ñff□[f^ frfbfg, ÆfXfgfbfv  
 frfbfg, ì□”, ðŸ'è, µ, Û, · □ B□U□x, È, Á, ç, Ä, ì□AMODE (fvfšfAf< f□[fg, ìŸ'è) , ðŽQ□Æ, µ, Ä, , ¾, ¾, ç□B

, , x, Ä, Û, ½, ì'P^è, ìffofCfX, ì□ó'Ó, a•\Žì, ¾, è, Û, · □ B□U□x, È, Á, ç, Ä, ì□AMODE (fffofCfX□ó'Ó, ì•\Žì)  
 , ðŽQ□Æ, µ, Ä, , ¾, ¾, ç□B

fvfšfAf< f□[fg, ðvfXfef€, ìšù'è, ìvfšf“f^ f□[fg, È, È, é, æ, x, È□AfVfšf“f^□o—ì, ðfpf%ofCef< f□  
 □[fg, ©, çvfšfAf< f□[fg, Èšf\_fCfCefNfg, µ, Û, · □ B□U□x, È, Á, ç, Ä, ì□AMODE ( ^ó□ù, ìšf\_fCfCefNfg) , ðŽQ□Æ, µ, Ä, -  
 , ¾, ¾, ç□B

fRf}f“fh fvf□“fvfg fEfBf“fhfE, ìftfCfY, ð•ì□X, µ, Û, · □ BMODE (•Žìf, □[fh, ìŸ'è) , ðŽQ□Æ, µ, Ä, , ¾, ¾, ç□B

fL□[f{□[fh, ìf^fCfvf}fefBfbfN'—“x, ðŸ'è, µ, Û, · □ BMODE (f^fCfvf}fefBfbfN, ì'—“x, ìŸ'è) , ðŽQ□Æ, µ, Ä, -  
 , ¾, ¾, ç□B



### Mode (fvfŠf“f^, lŸ’è)

fpf%ofCEf< fvfŠf“f^ f[]fg,ÉŸ’±,³,è,Ä,ç,éfvfŠf“f^,đŸ’è,μ,Û,·B

,±, l **mode** fRf}f“fh,Å,íAfpf%ofCEf< fvfŠf“f^ f[]fg (PRN□ALPT1□ALPT2□A,Û,½,í LPT3) ,ÉŸ’±,³,è,Ä,ç,é  
IBM CEÝŠ·fvfŠf“f^,Û,½,í Epson CEÝŠ·fvfŠf“f^,ìfpf%of[]f^,đŸ’è,μ,Û,·B

**mode lptn[:]** [c][,][l][,r]

**mode lptn[:]** [**cols=c**] [**lines=l**]

**fpf%of[]f^**

**lptn**

ffofCfX,đŸ’±,·,éfpf%ofCEf< f[]fg,đŽw’è,μ,Û,·B

**cols=c**

1 □s“- ,è, ì•ŸŽš (CE...) □”,Æ,μ,Ä 80 ,Û,½,í 132 ,đŽw’è,μ,Û,·BŠù’è’l,í 80 ,Ä,·B,±,ìfpf%of[]f^, ìÈ—  
ªCE` ,Æ,μ,Ä□A’P,É **cols=** ,đÈ—ª,μ□Ac ,ì’l,đŽw’è,Ä,«,Û,·B

**lines=l**

1 fCf“f “- ,è, ì□c•ùCEù, ì□sŠÔŠu,Æ□s□”,Æ,μ,Ä□A6 ,Û,½,í 8 ,đŽw’è,μ,Û,·BŠù’è’l,í 6 ,Ä,·B,±,ìfpf  
%of[]f^, ìÈ—ªCE` ,Æ,μ,Ä□A’P,É **lines=** ,đÈ—ª,μ□Al ,ì’l,đŽw’è,Ä,«,Û,·B

Mode ,ÉŠÖ,·,éŸ’±×□î•ñ(fvfŠf“f^, lŸ’è)

█ Mkdir (fvfŠf“f^, lŸ’è)---á





**Mode (fvfŠf“f^,ìŸ’è)---á**

‘æ 2 ,ìfpf%ofĀf< fvfŠf“f^ f|[]fg (LPT2) ,ÉŮ’±,³,è,Ä,ç,éfpf%ofĀf< fvfŠf“f^,ÅA1 []s“- ,½,è 80 •ŸšA1 fCf“f`“- ,½,è 8 []s,ð^ó[]ü,Å,« ,é,æ,ı,É,μ,½,ç,Æ%¼’è,μ,Û,·[]B,» ,ì,½,ß,É,í[]AZÿ,ìfRf}f“fh,ð“ü—í,μ,Û,·[]B

mode lpt2:80,8

,½,¾,μA1 []s“- ,½,è 80 •Ÿš,íŠù’è,ìŸ’è,È,ì,Å[]AZÿ,ìfRf}f“fh,ð“ü—í,μ,Ä,à“ ,[]C<%oÊ,ð“¾,é,± ,Æ,ª,Å,« ,Û,·[]B

mode lpt2:,8

Mode ,ÉŠÖ,·,éŮ[]×[]î•ñ (fvfŠf“f^,ìŸ’è)



Mode (fvfŠf“f^,ìŸ’è)



### Mode (fVfŠfAf< f|[fg,ìY'è)

fVfŠfAf< ÉMf|[fg,ðY'è,µ,Ü,·B

,±,ì **mode** fRf}f"fh,Å,íAfVfŠfAf< f|[fg (COM1ACOM2ACOM3 ,È,Ç) ,ÉŠÖ,·,éfpf  
%of|[f^,ðY'è,µ,Ü,·B

**mode comm[:]** [**baud=b**] [**parity=p**] [**data=d**] [**stop=s**] [**to=on|off**] [**xon=on|off**] [**odsr=on|off**]  
[**octs=on|off**] [**dtr=on|off|hs**] [**rts=on|off|hs|tg**] [**idsr=on|off**]

**fpf%**f|[f^

**comm**

"ñ"~Šú'ÉM (COM) f|[fg,ì"Ôt,ðŽw'è,µ,Ü,·B

**baud=b**

"`'—'—x,ð-^•b,ìfrfbfg"~P^É,ÅŽw'è,µ,Ü,·BŽŸ,ÉAb ,ìÈ—<sup>a</sup>CE` ,Æ"'—'—x,ðŽ,µ,Ü,·B

- 11** 110 f{[
- 15** 150 f{[
- 30** 300 f{[
- 60** 600 f{[
- 12** 1200 f{[
- 24** 2400 f{[
- 48** 4800 f{[
- 96** 9600 f{[
- 19** 19,200 f{[

**parity=p**

fVfXfefe,əfpfŠfefeB frfbfg,ð,Ç,ì,æ,æ,ÉŽg,Á,Ä"~'—fGf%|[,ðCEŸ[ ,·,é,©,ðŽw'è,µ,Ü,·Bp ,ì'l,Æ,µ,ÄAn  
(,É,µ|[Ae (<ð|[)Ao (Ši|[)Am (f|[fN)A,Ü,½,í s (fXfy|[fX) ,ì,Ç,é,©,ðŽg,æ,±,Æ,<sup>a</sup>Ä,«,Ü,·BŠù'è'l,í e  
,Ä,·B,·,x,Ä,ìRf"fsf...|[f^,Å'l **m** ,Æ **s** ,əfTf|[fg,<sup>3</sup>,é,é,Æ,íCEÀ,è,Ü,<sup>1</sup>,ñB

**data=d**

1 •Ÿš,ìt,ÉŠÜ,Ü,é,éfrfbfg" ,ðŽw'è,µ,Ü,·Bd ,É—LCEø,È'l,í 5 ,©,ç 8 ,Ü,Ä,ÄAŠù'è'l,í 7  
,Ä,·B,·,x,Ä,ìRf"fsf...|[f^,Å'l 5 ,Æ 6 ,əfTf|[fg,<sup>3</sup>,é,é,Æ,íCEÀ,è,Ü,<sup>1</sup>,ñB

**stop=s**

•Ÿš,ìl,í,è,ð'è<` ,·,éXfgfbfv frfbfg" ,Æ,µ,ÄA1A1.5A,Ü,½,í 2 ,ðŽw'è,µ,Ü,·B'ÉM'—'x,<sup>a</sup> 110  
f{[ ,Ä ,é,ìAŠù'è'l,í 2 ,Ä,·B,» ,é^ÉŠÖ,ìèè#AŠù'è'l,í 1 ,Ä,·B,·,x,Ä,ìRf"fsf...|[f^,Å'l 1.5 ,əfTf|  
|[fg,<sup>3</sup>,é,é,Æ,íCEÀ,è,Ü,<sup>1</sup>,ñB

**to=on|off**

-<sup>3</sup>CEÀf^fCf€fAfEfeg^—[ ,ðfif" ,É,·,é,©fift,É,·,é,©,ðŽw'è,µ,Ü,·BŠù'è'l,ìfift,Ä,·B

**xon=on|off**

ff|[f^ ftf|[|[SCEä—p,É xon ,Ü,½,í xoff fvf|[fgfRf<,ðfif" ,É,·,é,©fift,É,·,é,©,ðŽw'è,µ,Ü,·B

**odsr=on|off**

Data Set Ready (DSR) %oñ~H,ðŽg,æ|[o—ífnf"fhfVfFfCfLf"fo,əfif" ,Ä ,é,©fift,Ä ,é,©,ðŽw'è,µ,Ü,·B

**octs=on|off**

Clear To Send (CTS) %oñ~H,ðŽg,æ|[o—ífnf"fhfVfFfCfLf"fo,əfif" ,Ä ,é,©fift,Ä ,é,©,ðŽw'è,µ,Ü,·B

**dtr=on|off**

DTR %oñ~H,ǻf|f“,Å, ,é,©f|ft,Å, ,é,©,ðŽw’è,μ,Û,·□B

**rts=on|off|hs|tg**

RTS %oñ~H,ǻf|f“□A|f|ft□A|f|f“fhfVfFfCfN□A,Û,½,ífgfOf<,ì,α,¿,ì,Ç,ê,É□Ý’è,<sup>3</sup>ê,Ä,ç,é,©,ðŽw’è,μ,Û,·□B

**idsr=on|off**

DSR %oñ~H,ǻf|f“,Å, ,é,©f|ft,Å, ,é,©,ðŽw’è,μ,Û,·□B



**Mode (fffofCfX, ìó'Ô, ìŽ!)**

fVfXfef€ÉfCf“fXfg[f<,<sup>3</sup>,é,Ä,ç,é 1 ,Á^Èä,ìfffofCfX,ìó'Ô,<sup>a</sup>Ž!<sup>3</sup>,é,Ü,·B

**mode** [fffofCfX] [/status]

**fpf%of** [f^

,É,μ

fpf%of [f^,ð•t, , ,É **mode** fRf}f“fh,ðŽg,±,ÆAfvfXfef€ÉfCf“fXfg[f<,<sup>3</sup>,é,Ä,ç  
,é,·,×,Ä,ìfffofCfX,ìó'Ô,<sup>a</sup>Ž!<sup>3</sup>,é,Ü,·B

fffofCfX

ìó'Ô,ð•Ž!,μ,½,çfffofCfX,ì¼'O,ðŽw'è,μ,Ü,·B

**/status**

fŠ\_fCfCEfNfg,<sup>3</sup>,é,½fpf%ofCEf< fvfŠf“f^,ìó'Ô,ð—v<□,μ,Ü,·B,±,ìfXfCfbf` ,ð•t, , ,É **mode** fRf}f“fh,ðŽg,±  
,ÆAfvfŠ\_fCfCEfNfg,<sup>3</sup>,é,½fpf%ofCEf< fvfŠf“f^,ð□œ,«AfvfCf“fXfg[f<,<sup>3</sup>,é,Ä,ç,é,·,×,Ä,ìfffofCfX,ìó'Ô,<sup>a</sup>Ž!<sup>3</sup>,é,Ü,·B/**status** fXfCfbf` ,ìÈ—<sup>a</sup>CE` ,Æ,μ,Ä /**sta** ,ðŽg,±,±,Æ,<sup>a</sup>Ä,«Ü,·B



### Mode (^óü,lfšf\_cfcfnfg)

o—í,đpf%ofCf< f[]fg,©,çVfšfAf<’ÉMf[]fg,Éfšf\_cfcfnfg,μ,Ü,·B

^óü,đfšf\_cfcfnfg,.,é,É,íAdministrators fOf<[]fv,lf[]f“fo[][,Å,È,¯,é,î,È,è,Ü,¹,ñB

**mode lptn[:]=comm[:]**

**fpf%of[]f^**

**lptn**

fpf%ofCf< f[]fg,đžw’è,μ,Ü,·Bn ,É—LCEø,È’l,í 1 ,©,ç 3 ,Ü,Å,Å,·B

**comm**

fVfšfAf< f[]fg,đžw’è,μ,Ü,·Bm ,É—LCEø,È’l,í 1 ,©,ç 4 ,Ü,Å,Å,·B

Mode ,ÉŠÖ,.,éÚ×î•ñ (^óü,lfšf\_cfcfnfg)

mkdir (^óü,lfšf\_cfcfnfg)---á



### Mode (^óü,lfšf\_cfcfnfg)---á

fpf%ofCef< fvšf“f^,ìo—í,šfvšfAf< fvšf“f^,É’—M,³,ê,é,æ,æ,ÉAfvfXfef€,đZfbfgfAfbfv,μ,½,ç,Æ  
 %o¼’è,μ,Û,·B,»,,ì,½,β,É,íAmode fRf}f“fh,đ 2 “xŽg,í,È,¯,è,ì,È,è,Û,¹,ñBÅ%o,ÉAmode  
 ,đŽg,Á,ÄfvšfAf< f|[]fg,đý’è,μ,Û,·BŽŸ,ÉAmode ,đŽg,Á,ÄAfpf%ofCef< fvšf“f^,ìo—í,đAæ,ì mode  
 fRf}f“fh,ÅŽw’è,μ,½fvšfAf< f|[]fg,Éšf\_cfcfnfg,μ,Û,·B  
 ,½,Æ,ì,íAfvšfAf< fvšf“f^,â<ð”fpšfefB A4800 f{[][,Å“®ì,μACOM1 f|[]fg (fRf“fsf...[]f^,ì 1 “Ô-  
 Ú,lfvšfAf<ú’±),Éú’±,³,è,Ä,ç,éê±,íAZŸ,lfRf}f“fh,đ“ü—í,μ,Û,·B

**mode com1 48,e,,b**

**mode lpt1=com1**

fpf%ofCef< fvšf“f^,ìo—í,đ LPT1 ,©,ç COM1 ,Éšf\_cfcfnfg,μ,½, ,Æ,ÉAftf@fCf<,đ LPT1  
 ,©,ç^óü,·,éê±,íAftf@fCf<,đ^óü,·,é’O,ÉŽŸ,lfRf}f“fh,đŽg,ç,Û,·B,±,lfRf}f“fh,É,æ,èAftf@fCf<,í LPT1  
 ,©,ç COM1 ,Éšf\_cfcfnfg,³,è,È,,È,è,Û,·B

**mode lpt1**

Mode ,ÉŠÖ,·,éú×î•ñ (^óü,lfšf\_cfcfnfg)



Mkdir (^óü,lfšf\_cfcfnfg)



### Mode (fffofCfX,lfR[fh fy[fW,lŸ'è)

fRf"Ÿ[f<,lfR[fh fy[fW,đ'đA,Ÿ,½,í•Ž!,µ,Ÿ,ŸB

**mode** fffofCfX **codepage select=yyy**

**mode** fffofCfX **codepage [/status]**

**fpf%of[f^**

fffofCfX

fR[fh fy[fW,đ'đ,µ,½,čfffofCfX,đŽw'è,µ,Ÿ,ŸBfffofCfX,É—LŒø,È-¼'O,í CON ,¼, -,Á,ŸB

yyy

'đ,é,fR[fh fy[fW,l"Ōt,đŽw'è,µ,Ÿ,ŸBŽŸ,ÉAWindows NT ,ŸTf[f,g,<sup>3</sup>,é,é,fR[fh

fR[fW,ŒA,»Ÿ,Ÿ,½,íŒ¼Œè,đŽ!,µ,Ÿ,ŸB

- 437 fAfŸŸj
- 850 '½Œ¼Œè (f%ofef" I)
- 852 fXf%ofu (f%ofef" II)
- 855 fLfŸf< (fŸVfA)
- 857 fgf<fR
- 860 f|f<fgfKf<
- 861 fAfCfXf%of"fh
- 863 fJfif\_ ftf%of" fXŒè
- 865 fmf<fffBfbfN
- 866 fŸVfA
- 869 <Ÿ'ăfMfŸŸVff

### codepage select

Žw'è,µ,½fffofCfX,Œ,Ÿ,lfR[fh fy[fW,đŽg,Ÿ,©,đŽw'è ('đ) ,µ,Ÿ,ŸB**codepage ,Œ select ,lŸÈ—**  
**ŒŒ` ,Œ,µ,ŒA,»Ÿ,é,¼,é **cp ,Œ sel ,đŽg—p,Œ,«Ÿ,ŸB****

### codepage

Žw'è,µ,½fffofCfX—p,É'đ,<sup>3</sup>,é,Œ,č,é,fR[fh fy[fW,<sup>a</sup> ,é,ŒA,»Ÿ,l"Ōt,<sup>a</sup>•Ž!,<sup>3</sup>,é,Ÿ,ŸB

### /status

Žw'è,µ,½fffofCfX—p,ÉŒ»Ÿ'đ,<sup>3</sup>,é,Œ,č,é,fR[fh fy[fW,l"Ōt,<sup>a</sup>•Ž!,<sup>3</sup>,é,Ÿ,ŸB,±,lfXfCfbf` ,lŸÈ—  
**ŒŒ` ,Œ,µ,Œ /sta ,đŽg—p,Œ,«Ÿ,ŸB/status fXfCfbf` ,đŽw'è, ,é,©,Ÿ,Ÿ,©,ÉŠŒŒW,È,ŸA**mode****  
**fRf}f"fh,ÉfffofCfX-¼,Œ **codepage** fpf%of[f^ ,đ•t, -Œ"ü—Í, ,é,ŒAŽw'è,µ,½fffofCfX—p,É'đ,<sup>3</sup>,é,Œ,č**  
**,é,fR[fh fy[fW,l"Ōt,<sup>a</sup>•Ž!,<sup>3</sup>,é,Ÿ,ŸB**



**Mode (•\Ž!f,□[fh,ì□Ý'è)**

fRf}}f“fh fvf□“fvfg fXfNfŠ□[f“ fofbftf@,ìfTfCfY (•¶Žš□“ ,Æ□s□”) ,đ•ï□X,μ,Ü,·□B

**mode con[:]** [cols=c] [lines=n]

**fpf%of□□[f^**

**con[:]**

fRf}}f“fh fvf□“fvfg fEfBf“fhfE,ìfTfCfY,đ•ï□X,·,é,±,Æ,đŽ!,μ,Ü,·□B

**cols=c**

fRf}}f“fh fvf□“fvfg fXfNfŠ□[f“ fofbftf@,ì•¶Žš (CE...) □” ,đ•□,Æ,μ,ÄŽw'è,μ,Ü,·□B

**lines=n**

fRf}}f“fh fvf□“fvfg fXfNfŠ□[f“ fofbftf@,ì□s□” ,đŽw'è,μ,Ü,·□B





**Mode (f^fCfvf}fefBfbfN'~"x,ìY'è)**

fL[f{[f{[fh,ìf^fCfvf}fefBfbfN'~"x,ðY'è,μ,Ü,·B,±,ê,íA, ,é•qŽš,ìfL[f{,ð%Ÿ,μ'±,~,½,Æ,«,ÉAWindows NT ,É,æ,è,»,ì•qŽš,æJ,è•Ô,³,ê,é'~"x,ì,±,Æ,Ä,·B

f^fCfvf}fefBfbfN'~"x,É,íA'~"x,ÆffBfCfC,Æ,ç,² ,Ä,ìB~"v'f,ª, ,è,Ü,·BfL[f{[f{[fh,É,æ,Á,Ä,íA,± ,ìfRf}f"fh,ª" FŽ~,³,ê,É,çêë,ª, ,è,Ü,·B

**mode con[:] [rate=r delay=d]**

**fpf%of[f^**

**con[:]**

fL[f{[f{[fh,ðŽw,μ,Ü,·B

**rate=r**

, ,éfL[f{,ð%Ÿ,μ'±,~,½,Æ,«,ÉA%æ-Êä,Ä•qŽš,æJ,è•Ô,³,ê,é'~"x,ðŽw'è,μ,Ü,·B—LCEø,È'í,1 ,©,ç 32 ,Ü,Ä,Ä,·B,±,ê,ç,ì'í,íA-^•b-ñ 2 •qŽš ,©,ç 30 •qŽš,É'Š"-μ,Ü,·BŠù'è'í,íAIBM AT ÆYŠ·fL[f{[f{[fh,ìêë,í 20AIBM PS/2 ÆYŠ·fL[f{[f{[fh,ìêë,í 21 ,Ä,·B,±,ì **rate** ,ðY'è,μ,½,çAdelay ,àY'è,μ,Ä,,¾,³,çB

**delay=d**

, ,éfL[f{,ð%Ÿ,μ'±,~,½,Æ,«,ÉAWindows NT ,ª,»,ì•qŽš,ðJ,è•Ô,μŽn,ß,é,Ü,Ä,ìŽžŠÔ,ðŽw'è,μ,Ü,·Bd ,É—LCEø,È'í,1A2A3A,,"æ,Ñ 4 ,Ä,· (,»,è,¼,ê 0.25A0.50A0.75A,,"æ,Ñ 1 •b,ð•\,μ,Ü,·)BŠù'è'í,í 2 ,Ä,·B**delay** ,ðY'è,μ,½êë,íA**arate** ,àY'è,μ,Ä,,¾,³,çB



**More**

□o—í,ð^ê"x,É 1 %œ-Ê•ª, ,.Á•\Ž!,μ,Ü, ·□B^ê"Ê,É□A,±,lfRf}f"fh,Í',.çftf@fCf<,ð•\Ž!,. ,é,Æ,«,ÉŽg,ç  
,Ü,·□BŠg'£<@"\,ð—LCEø,É,· ,é,Æ□A•\Ž!,ð□\$CEä,· ,éRf}f"fh,ªŽg,!,é,æ,ª,É,Ê,è,Ü,·□B

fRf}f"fh-¼ | **more** [/e [/c] [/p] [/s] [/tn] [+n]]

**more** [/e [/c] [/p] [/s] [/tn] [+n]] < [fhf%ofCfu:] [fpfX] ftf@fCf<-¼

**more** [/e [/c] [/p] [/s] [/tn] [+n]] ftf@fCf<

**fpf%of□□f^**

[fhf%ofCfu:] [fpfX] ftf@fCf<-¼

•\Ž!,. ,éftf@fCf<,ðŽw'è,μ,Ü, ·□B

fRf}f"fh-¼

%½,ç, ©, ì□o—í,ª•\Ž!,³,é,éRf}f"fh,ðŽw'è,μ,Ü, ·□B

**/e**

Šg'£<@"\,ð—LCEø,É,μ,Ü, ·□B

**/c**

(fy□[fW,ð) •\Ž!,. ,é'O,É%œ-Ê,ð□Á<Ž,μ,Ü, ·□B

**/p**

ftfH□[f€ ftfB□[fh•¶Žš,ðŠg'£,μ,Ü, ·□B

**/s**

•;□",ì<ó""□s,ð'P^ê,ì<ó""□s,É•İŠ,·μ,Ü, ·□B

**/tn**

f^fu,ð n CEÁ,lfXfy□[fX,É•İŠ,·μ,Ü, ·□B

**+n**

n ,ÁŽw'è,μ,½□s, ©, ç•\Ž!,μ,Ü, ·□B

ftf@fCf<

•\Ž!,. ,éftf@fCf<,ì^ê—,ðŽw'è,μ,Ü, ·□B •;□",ìftf@fCf<-¼,lfXfy□[fX,Á<æ□ø,è,Ü, ·□B

Šg'£<@"\,ª—LCEø,Á, ,é,î□A-- More -- fv□f"fvfg,ª□o,½,Æ,«,ÉŽŸ,lfRf}f"fh,ðŽÀ□s,Á,«,Ü, ·□B

fL□[ "®□ì

**space** ŽŸfy□[fW,ð•\  
Ž!,μ,Ü, ·□B

**Enter** ŽŸ□s,ð•\Ž!,μ,Ü, ·□B

**F** ŽŸftf@fCf<,ð•\  
Ž!,μ,Ü, ·□B

**q** □l—¹,μ,Ü, ·□B

**?** —~—  
p,Á,«,éRf}f"fh,ð•\  
Ž!,μ,Ü, ·□B

**=** □s"Ô□t,ð•\  
Ž!,μ,Ü, ·□B

**P n** ŽŸ,ì ,Ž □s,ð•\  
Ž!,μ,Ü, ·□B

**S n**

Ž, μ, Ů, · □ B  
ŽŸ, ì, Ž  
□ s, ō f X f L f b f v, μ, Ů, · □  
B

Š Ö ~ A □ € - Ú

ftfBf{f^ fRf}f"fh

fŠf\_fCfCfNfg•ŸŽš

Dir

Type

More ,ÉŠÖ, ,.é □ Ů □ × □ î • ñ

More--'□

More---á



More--'

ff[]f^,lfŠf\_fCfCEfNfgCE<sup>3</sup>

fŠf\_fCfCEfNfg•ŕŽš (<) ,đŽg,ꝛê[]‡,Í[]AfŠf\_fCfCEfNfgCE<sup>3</sup>,Æ,μ,Äftf@fCf<-¼,đŽw'è,μ,Ä,,¾,¾,ç[]BfppfCfv (|)  
,đŽg,ꝛê[]‡,Í[]Adir[]Asort[]A,"æ,Ñ **type** ,É,Ç,lfRf}f"fh,đŽg—p,Å,«,Ü,·[]B

More ,ÉŠÖ,·,é[]Ú[]x[]î•ñ



More---á



More



**More---**

ftf@fCf< CLIENTS.NEW ,đ•\Ž! , ,é,É,Í□AZŸ,ì 2 ,Ā,lfRf}f“fh,ì,Ç,ì,ç, ©,đ“ü—Í,μ,Û, ·□B

**more < clients.new**

**type clients.new | more**

**more** fRf}f“fh,É,æ,è□ACLIENTS.NEW , ©,ç□Ā□%o,ì%oæ-Ê•a,ì□î•ñ, a•\Ž! , 3, è□AZŸ, lf□fbfZ□[fW, a•\Ž! , 3, è,Û, ·□B

-- More --

,±,±,Ā“C^Ó,lf□[ ,đ%oŸ,μ,Ā□AZŸ,ì%oæ-Ê,đ•\Ž! ,Ā,« ,Û, ·□B

ftf@fCf< CLIENTS.NEW ,đ•\Ž! , ,é‘O,É%oæ-Ê,đ□ÁŽ,μ□A,Û,½—]•a,È<ó“□s,đ, , ,x,Ā□í□œ, , ,é,É,Í□AZŸ,ì 2 ,Ā,lfRf}f“fh,ì,Ç,ì,ç, ©,đ“ü—Í,μ,Û, ·□B

**more /c /s < clients.new**

**type clients.new | more /c /s**

EMPLOYEES.NORTH ,đ•\Ž! , ,é,Æ,« ,ÉŠg’£<@“\,đŽg,π,É,Í□AZŸ,ì,æ,π,É“ü—Í,μ,Û, ·□B

**more /e < employees.north**

**more** fRf}f“fh,É,æ,è□AEMPLOYEES.NORTH , ©,ç□Ā□%o,ì%oæ-Ê•a,ì□î•ñ, a•\Ž! , 3, è□AZŸ, lf□fbfZ□[fW, a•\Ž! , 3, è,Û, ·□B

-- More --

,±,ìŽŽ“\_ĀŠg’£fRf}f“fh,đŽg,ç□Aftf@fCf<•\Ž! ,đ□\$CEä,Ā,« ,Û, ·□B

ftf@fCf< ,đ“è“x,É 1 □s, ,Ā•\Ž! , ,é,É,Í□AEnter fL□[ ,đ%oŸ,μ,Û, ·□B

ŽŸfy□[fW,đ•\Ž! , ,é,É,Í□ASpace fL□[ ,đ%oŸ,μ,Û, ·□B

fRf}f“fh f%ofCf“□ā,ĀŽw’è,μ,½ŽŸ,lf tf@fCf< ,đ•\Ž! , ,é,É,Í□Af fL□[ ,đ%oŸ,μ,Û, ·□B

**more** fvf□fOf%of€,đ□|—1 , ,é,É,Í□Aq fL□[ ,đ%oŸ,μ,Û, ·□B

—~—p,Ā,« ,éŠg’£fRf}f“fh,đ•\Ž! , ,é,É,Í□A? fL□[ ,đ%oŸ,μ,Û, ·□B—~—p,Ā,« ,éfRf}f“fh,Í□AZŸ,ì—á,ì,æ,π ,É **more** fvf□f“fvfg,É‘Ç%oĀ, 3, è,Û, ·□B

-- More [Options: psfq=<space><ret>] --

Œ>□Ÿ,ì□s“Ô□†,đ•\Ž! , ,é,É,Í□A= fL□[ ,đ%oŸ,μ,Û, ·□BŒ>□Ÿ,ì□s“Ô□†,Í□AZŸ,ì—á,ì,æ,π,É **more** fvf□f“fvfg,É‘Ç%oĀ, 3, è,Û, ·□B

-- More [Line: 24] --

“Á‘è,ì□s□”•a,đ•\Ž! , ,é,É,Í□Ap fL□[ ,đ%oŸ,μ,Û, ·□B•\Ž! ,μ,½,ç□s□” ,ì“ü—Í,đ<□,ß,é□fbfZ□[fW, a•\Ž! , 3, è,Û, ·□B

-- More -- Lines:

•\Ž! ,μ,½,ç□s□” ,đ“ü—Í,μ,Ā **Enter** fL□[ ,đ%oŸ,μ,Û, ·□BŽw’è,μ,½□s□” , a•\Ž! , 3, è,Û, ·□B

“Á‘è,ì□s□” ,đfXfLfbfv, , ,é,É,Í□As fL□[ ,đ%oŸ,μ,Û, ·□BfXfLfbfv, , ,é□s□” ,ì“ü—Í,đ<□,ß,é□fbfZ□[fW, a•\Ž! , 3, è,Û, ·□B

-- More -- Lines:

fXfLfbfv,μ,½,ç□s□” ,đ“ü—Í,μ,Ā **Enter** fL□[ ,đ%oŸ,μ,Û, ·□BŽw’è,μ,½□s□” ,afXfLfbfv, 3, è□AZŸ%oæ-Ê,ì□î•ñ, a•\Ž! , 3, è,Û, ·□B

More ,ÉŠÖ, ,é□Ú□×□î•ñ



More



**Move**

, , éffBfCEfNfgfŠ, ©, çŽw'è, μ, ½ffBfCEfNfgfŠ, ÉA1 , Á^Èä, ìftf@fCf<, ð^Ú" ®, μ, Ü, ·B

**move** [^Ú" ®CE³] [^Ú" ®æ]

**fpf%of[]f^**

^Ú" ®CE³

^Ú" ®, ·, éftf@fCf<, ìfpfX, Æ-¼'O, ðŽw'è, μ, Ü, ·B

^Ú" ®æ

ftf@fCf<, ì^Ú" ®æ, Æ, È, éfpfX, Æ-¼'O, ð"ü—Í, μ, Ü, ·B

Move , ÉŠÖ, ·, é[]Ú[]×[]î•ñ



Move---á

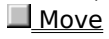


### Move---á

ftf@fCf< AAA.XLS ,đ□AfffBfCEfNfgfŠ \DATA ,© ,çffBfCEfNfgfŠ \SECOND\_Q\REPORTS  
,É^Ú“® ,μ□A,³,ç,É,» ,ìŠg'£Žq,đ .2ND ,É•i□X, ,:é,É,í□AZŸ,ì,æ,π,É“ü—í,μ,Û, :□B

move \data\\*.xls \second\_q\reports\\*.2nd

Move ,ÉŠÖ, ,:é□Ú□×□î•ň





### Nlsfunc

Windows NT ,Æ MS-DOS fTfufVfXfef€ ,íA,±,ìfRf}f“fh,đŽg,ç,Û,<sup>1</sup>,ñBMS-DOS  
ftf@fCf<,Æ,ìŒYŠ·< ,đŠm•Û,·,é,½,ß,É,¾,¯—p^Ó,<sup>3</sup>,ê,Ä,ç,Û,·B





**Ntbooks**

Windows NT ,\f\“f%ofCf“ f}fjf...fAf<,đ•\Ž!,μ,Ü,·□B

**ntbooks** [/s] [/w] [/n:fpfX]

**fpf%of□□[f^**

**/s**

Windows NT Workstation ,©,ç Windows NT Server ,\f}fjf...fAf<,đ•\Ž!,·,é□ê□‡,ÉŽg—p,μ,Ü,·□B

**/w**

Windows NT Server ,©,ç Windows NT Workstation ,\f}fjf...fAf<,đ•\Ž!,·,é□ê□‡,ÉŽg—p,μ,Ü,·□B

**/n**

f\“f%ofCf“ f}fjf...fAf<,\fpfX,đŽw’è,μ,Ü,·□B□ÅCEă,ÉŽw’è,μ,½fpfX,â<L%o¯,³,ê□AŽŸ%oñ,àŽg,í,ê,Ü,·□B

**ntbooks** fRf}f“fh,Í Windows NT ,\f\“f%ofCf“ f}fjf...fAf<,ÌŠi”[□ê□Š,đ<L  
%o¯,μ,Ü,·,ª□A,»,\Ši”[□ê□Š,Ö,\fpfX,Í•\Ž!,μ,Ü,¹,ñ□BŠi”[□ê□Š,ª CD-ROM fhf%ofCfu,ì□ê□‡□Af\“f%ofCf“  
f}fjf...fAf<,ì“ü,Á,Ä,ç,é CD-ROM ,ªfhf%ofCfu,É,È,ç,Æ□ACD-ROM ,đ’}“ü,·,é,æ,‡,É<□,ß,ç,ê,Ü,·□B



### **Ntcmdprompt**

TSR , dZÅ[s, μ, ½CEã[A, Ü, ½, í MS-DOS fAfvfŠfP[fVf+f“ , ÅfRf}f“fh  
fvf[f“fvfg, ð<N“ ® , μ, ½CEã, É[ACOMMAND.COM , Å, í, È, Windows NT fRf}f“fh fCf“f^fvfŠf^ , Å, , é CMD.EXE  
, dZÅ[s, μ, Ü, ·B

### **ntcmdprompt**

Ntcmdprompt , ÉŠÖ, , éÚ×i•ñ

Ntcmdprompt--'

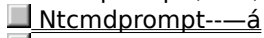
Ntcmdprompt---á



### Ntcmdprompt--'

COMMAND.COM ,iŽÄs't,íADoskey ,É,æ,éRf}f"fh—š—đ,ì•\Ž!,È,ÇAWindows NT fRf}f"fh  
 fvff"fvfg,ì^è•",ì<@"\,ª—~—p,Å,«,Ü,¹,ñBTSTR ,đ<N" @ ,µ,½CEãA,Ü,½,í MS-DOS  
 fx[fX,íAfvfŠfP[fVf#f" ,ÅfRf}f"fh fvff"fvfg,đ<N" @ ,µ,½CEã,ÉAWindows NT fRf}f"fh  
 fC"f^fvfŠf^,đŽÄs',,ééê‡,íAntcmdprompt fRf}f"fh,đŽg—p,Å,«,Ü,·B,½,¾,µACMD.EXE ,đŽÄs't,í  
 TSR ,đ~—p,Å,«,È,çê‡,ª, ,é,±,Æ,É'Ó,µ,Ä,,¾,¾,çBntcmdprompt fRf}f"fh,íACONFIG.NT  
 ftf@fCf<A,Ü,½,íAfvfŠfP[fVf#f" ,ì PIF ,ÅŽw'è, ,é""™ ,íjXf^f€<N" @ftf@fCf<,É'Ç%oÁ,Å,«,Ü,·B

Ntcmdprompt ,ÉŠÖ, ,éÚ×î•ñ



Ntcmdprompt--—á



Ntcmdprompt



**Ntcmdprompt---**á

**ntcmdprompt ,đ CONFIG.NT ftf@fCf<A,Ü,½,Í PIF ,ĂŽw'è,<sup>3</sup>,ê,½ Config <N“@ftf@fCf<,É'Ç  
%oÁ,μ,Ü,·B**

ntcmdprompt

Ntcmdprompt ,ÉŠÖ, ,éÚ×í•ñ

Ntcmdprompt--'

Ntcmdprompt



### Path

ŽÀs%Å"\"ftf@fCf<,ìCEŸððfpfX,ðŸ'è,μ,Û,·□B

Windows NT ,í□AŽw'è,μ,½fffBfCEfNfgfŠ,ìŽÀs%Å"\"ftf@fCf<,ðCEŸðð,·,é,½,β,É□Apath fRf}f"fh,ðŽg,ç,Û,·□BŠù'è,ìŸ'è,Å,í□ACEŸððfpfX,íCE»ŸŸ,ìfffBfCEfNfgfŠ,¾,·,À,·□B

**path** [[fhf%ofCfu:] fpfX [;...]][%path%]

**fpf%of□□[f^**

,È,μ

fpf%of□□[f^,ð•t,·,·,É path fRf}f"fh,ðŽg,κ,Æ□ACE»ŸŸ,ìCEŸððfpfX,ª•\Žl,³,è,Û,·□B

[fhf%ofCfu:] fpfX

CEŸðð,μ,½,çfhf%ofCfu□AfffBfCEfNfgfŠ□A,·,æ,ÑfTfufffBfCEfNfgfŠ,ðŽw'è,μ,Û,·□B

;

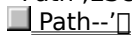
fpf%of□□[f^,Æ,μ,Ä ;

,ì,Ÿ,ðŽw'è,·,é,Æ□A,·,x,Ä,ìCEŸððfpfX,ìŸ'è,ªfNfŠfA,³,è□ACE»ŸŸ,ìfffBfCEfNfgfŠ,¾,·,ªCEŸðð,³,è,é,æ,κ,É,È,è,Û,·□B

**%path%**

CE»ŸŸ,ìfpfX,ð□V,μ,çŸ'è,É•t,·%Å,ì,é,½,β,ÉŽg,ç,Û,·□B

Path ,ÉŠÖ,·,é□Ú□×□î•ñ



Path--□



Path---á



### Path--'□

#### CE»□Ý,ìfffbfCFNfgfŠ

Windows NT ,í□A□Å□%o

,ÉCE»□Ý,ìfffbfCFNfgfŠ,ðCEÝ□ð,μ,Ä,©,ç□ACEÝ□ðfpfX,ìfffbfCFNfgfŠ,ðCEÝ□ð,μ,Ü,·□B

#### “˘,¶-¼‘O,Ä^Ü,È,éŠg’£Žq,ª•t,ç,Ä,ç,éftf@fCf<

“˘,¶fffbfCFNfgfŠ,ì†,Å□Aftf@fCf<-¼,í“˘,¶,Ä,·,ªŠg’£Žq,ì^Ü,È,éftf@fCf<,ðŽg,π,±,Æ,ª, ,è,Ü,·□B,½,Æ,ì,í□A  
%oÜ<àfvf□fOf%of€,ð<N“®“ ,·,éftf@fCf< ACCNT.COM ,Æ□AfvfXfef€,ð%oÜ<àfvfXfef€ flfbfgf□□[fN,É□Ú‘±  
,·,é,à,π 1 ,Ä,ìftf@fCf< ACCNT.BAT ,ª, ,é□ê□±,ª, ,è,Ü,·□B

Windows NT ,Ä,í□AŠg’£Žq,ì—D□æ“x,É□],Ä,ÄŠù‘è,ìftf@fCf<-

¼Šg’£Žq,É,æ,èftf@fCf<,ªCEÝ□ð,ª,è,Ü,·□BŽÄ□Ü,É□A.EXE□A.COM□A.BAT□A,“ ,æ,Ñ .CMD

,ì□±□~ ,ÄCEÝ□ð,ª,è,Ü,·□BACCNT.COM ,ª“˘,¶fffbfCFNfgfŠ,É, ,é,Æ,« ,É ACCNT.BAT ,ðŽÄ□s,·,é,É,í□Afrf}f“fh  
f%ofCf“ ,Ä .BAT Šg’£Žq,ì•t,ç,½ftf@fCf<-¼,ðŽw’è,μ,Ä,,¾,¾,ç□B

#### fpfX,É•i□”,ì“˘,¶ftf@fCf<-¼,ª, ,é□ê□±

CEÝ□ðfpfX□ã,Ä,í□A“˘,¶ftf@fCf<-¼,ÆŠg’£Žq,ª•t,ç,Ä,ç,é•i□”,ìftf@fCf<,ðŽg—p,Ä,« ,Ü,·□BWindows NT

,í□A,Ü,·□AŽw’è,μ,½ftf@fCf<-¼,ðCE»□Ý,ìfffbfCFNfgfŠ,ÄCEÝ□ð,μ,Ü,·□BŽÝ,É□Apath

frf}f“fh,ÄŽw’è,μ,½□±□~ ,É□],Ä,ÄŠefffbfCFNfgfŠ,ðCEÝ□ð,μ,Ü,·□B

#### •i□”,ìfpfX,ðŽw’è,·,é

Windows NT ,É‘í,μ,Ä•i□”,ìCEÝ□ðfpfX,ðŽw’è,·,é□ê□±,í□AŠefGf“fgfŠ,ðfZf~frf□f“ ( ; ) ,Ä<æ□Ø,è,Ü,·□B

#### AUTOEXEC.NT ftf@fCf<,Ä path ,ðŽg,π

path frf}f“fh,ð AUTOEXEC.NT ftf@fCf<,É“ü,è,é,Æ□Afrf“fsf...□[f^ ,Éf□fOfif“ ,·,é,½,Ñ,É□AŽw’è,μ,½ MS-  
DOS ftfuVfXfef€,ìCEÝ□ðfpfX,ª Windows NT ,ìCEÝ□ðfpfX,ÉŽ©“®“l,É•t,˘%oÄ,ì,ç,è,Ü,·□B

Path ,ÉŠÖ,·,é□Ú□×□i•ñ



Path---á



Path



### Path---

ŽŸ,lfRf}f“fh,íAWindows NT ,É 3 ,Â,iffBfĀfNfgfŠ,ĀŠO•“fRf}f“fh,đĀŸö,·,é,æ,π,ÉŽw’è,μ,Û,· (,±  
,ê,ç,iffBfĀfNfgfŠ,ì 3 ,Ā,lfpfX,íAC:\USER\TAXESAB:\USER\INVESTA,“,æ,Ń B:\BIN ,Ā,·)B

path c:\user\taxes;b:\user\invest;b:\bin

Path ,ÉŠÖ,·,éÚ×îñ





## Pause

f ofbf` ftj@fCf<,i^—,ª't'f,³,êA'±s,μ,½,çê±,í”C^Ó,ìfL[,ð%Ÿ,: ,æ,κ,É<,β,éf fbfZ[fW,ª•\  
Ž,³,ê,Û,·B

## pause

Pause ,ÉŠÖ, ,éÚ×î•ñ

Pause--'

Pause---á





Pause--'□

**fvf□fOf%of€ ,đ'±□s , ,é , © , Ç , Ɔ , © , đ □ q , Ě , é f □ fbfZ □ [fW , đ • \Ž ! , , , é**

**pause** fRf}f“fh,É,æ,è□AWindows NT ,íŽŸ,ìf□fbfZ□[fW,đ•\Ž!,μ,Ü,·□B

'±□s , , ,é,Æ,« , í%½ , © fL□[ , đ%Ÿ , μ , Ä , , ¾ , ¾ , ç . . .

**fofbf` ftf@fCf< , đ • i □ ” , ìfZfNfVf†f“ , É • ã Š , , , , , é**

**Ctrl + C** fL□[ , đ%Ÿ , μ , Ä fofbf` ftf@fCf< , đ'âŽ~ , , , ,é,Æ□AŽŸ , ìf□fbfZ□[fW , ã • \Ž ! , ¾ , é , Ü , · □ B

fofbf` ftf@fCf< , đ □ | — 1 , μ , Ü , , , © (Y/N)?

, ± , ìf□fbfZ□[fW , É'í , μ , Ä **Y** (Yes) fL□[ , đ%Ÿ , , , ,é,Æ□Afofbf` ftf@fCf< , í □ | — 1 , μ □ A □ \$ □ € ä , ã fìfyf□□[fēfBf“fO

fVfXfef€,É-ß,è,Ü,·□Bfofbf` ftf@fCf< , ì , Ɔ , ÿ ^ — □ , μ , ½ , , , É , ç fRf}f“fh,ì'O,É **pause**

fRf}f“fh,đ' } “ü , , , ,é,Æ□A**pause** ,É,æ,èfofbf` ftf@fCf< , ì □ ^ — □ , ã ' + ' f , ¾ , é , Ä , ç , é , é , Æ , « , É □ A **Ctrl + C** fL□[ , đ

%Ÿ , μ , Ä , © , ç **Y** fL□[ , đ%Ÿ , , , ± , Æ , Å □ Afofbf` ftf@fCf< , đ'âŽ~ , Å , « , Ü , · □ B

Pause ,ÉŠÖ , , , é □ Ú □ × □ î • ñ

Pause---á

Pause



### Pause---á

f of b f ` f t f @ f C f < , Á A , , é h f % o f C f u , l f f f B f X f N , ð • ì X , , , é , æ , x , É < , ß , é f f b f Z [ f W , ð • \ Ž | , ³ , ¹ , ½ , ç , Æ  
% ¼ 4 ' è , μ , Û , · B , » , ì , ½ , ß , É A Ž Ÿ , ì , æ , x , É f t f @ f C f < , ð i - , μ , Û , · B

@echo off

:begin

copy a:\*.\*

echo V,μ,çftf f b f s [ f f f B f X f N , ð h f % o f C f u A , É ' } " ù , μ , Ä , , ¾ , ³ , ç .

pause

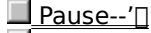
goto begin

, ± , ì — á , Ä , í A f h f % o f C f u A , l f f f B f X f N , ì , · , × , Ä , l f t f @ f C f < , æ » [ Ý , l f f f B f C e f N f g f Š , É f R f s [ , ³ , è , Û , · B f h f % o f C f u A  
, É • É , l f f f B f X f N , ð ' } " ù , , , é , æ , x , É < , ß , é f R f f " f g , æ • \ Ž | , ³ , è , ½ æ ä , Á A **pause** f R f } f " f h , É , æ , è ^ —

[ , æ ' t ' f , ³ , è , é , ì , Á A f f f B f X f N , ð æ ð Š · , μ A " C ^ Ó , l f L [ , ð % Ÿ , μ , Ä ^ — [ , ð Ä Š J , Á , « , Û , · B , ± , l f o f b f ` f t f @ f C f < , í A -  
³ æ Ä f < [ f v , Á Ž Ä [ s , ³ , è , Û , · B **goto** BEGIN f R f } f " f h , É , æ , è A f R f } f " f h f C f " f ^ f v f Š f ^ , ì ^ — [ , ð f o f b f `

f t f @ f C f < , l æ " æ " a , l f % o f x f < , É ' — , è , Û , · B , ± , l f o f b f ` f t f @ f C f < , ð ' â Ž ~ , , , é , É , í A **Ctrl + C** f L [ , ð % Ÿ , μ , Ä , © , ç **Y**  
f L [ , ð % Ÿ , μ , Û , · B

Pause , É Š Ö , , , é [ Ú [ × [ î • ñ



Pause--'



Pause



**Pax**

pax (Portable Archive Interchange) ft[fefBfŠfefB,đŠ]Žn,μ,Ü,·B

**pax [-cimopuvy] [-f fA[fjfCfu] [-s 'uŠ·¶Žš—ñ] [-t fffofCfX] [fpf^[]f" ...]**

**pax -r [-cinnopuvy] [-f fA[fjfCfu] [-s 'uŠ·¶Žš—ñ] [-t fffofCfX] [fpf^[]f" ...]**

**pax -w [-adimuvy] [-b fuf[]fbfN'·] [-f fA[fjfCfu] [-s 'uŠ·¶Žš—ñ] [-t fffofCfX] [-x CE`Ž®] [fpfX-¼...]**

**pax -rw [-ilmopuvy] [-s 'uŠ·¶Žš—ñ] [fpfX-¼...] fffBfCEfNfgfŠ**

**pax ,íAPOSIX fvf[]fOf%o€Ā, ,èA^ø",ĀE,μ,ĀŽg—p,·,éfpfX-¼,í POSIX CE`Ž®,ĀŽw'è,μ,È, ,è,Ī,È,è,Ü,¹,ñB,Ā,Ü,èA"C:USERS\DEFAULT" ,Ā,Ī,È,- A"/C/USERS/DEFAULT" CE`Ž®,đŽg,Ā,Ā,¾,¾,¾,¾B**

**-r ,ĀE -w ,lfRf}f"fh f%ofCf" ^ø" ,đ'g,Ý¶,í,¹,ĀApx ,ªAŽw'èfA[fjfCfu,ì"à— e,đ"Ç,ÝŽæ,é,©A[] ,«ž,þ,©A,Ü,½,í^è—·\Ž!,·é,©A, ,é,č ,ĪAŽw'èftf@fCf<,đ·È,lfffBfCEfNfgfŠ,Ö"Ú"®,,·é,©,Ç,æ,©,đŽw'è,μ,Ü,·B**

**fpf%of[]f^**

**-r**

·W[]€"ü—Í,©,çfA[fjfCfu ftf@fCf<,đ"Ç,ÝŽæ,è,Ü,·Bfpf^[]f" ,l,ç, ,è,©,ĀE^è'v,·,é-¼'O,đŽ,Āftf@fCf<,¾, ,ªAŽæ,è[]o,μ,Ī'í[]Ü,ĀE,μ,Ā'Ī'đ,¾,è,Ü,·B'Ī'đftf@fCf<,ĪA»[]Y,lfffBfCEfNfgfŠ,©,ç,Ī Š'lfpfX,Ā[]- ,¾,èAfrfs[] ,¾,è,Ü,·B,±,Ī[]ÜA^È%o,É[]à-¾,·,élfvfVf¶f" ,É[] ,č ,Ü,·BŠù'è,ĪY'è,Ā,ĪA'Ī'đftf@fCf<,ĪŠ—LŽÖ, ,æ,ÑfOf<[]fv,ª<N"®fv[]ZfX,ĪŠ—LŽÖ, ,æ,ÑfOf<[]fv,ĀE,È,èA'Ī'đftf@fCf<,lfAfNfZfXCE ,ĀE[]Ā[]·ĪXŽž[] ,ĪA[]fA[fjfCfu ftf@fCf<,Ī,» ,é,ç,ĀE" ,Ī,Ī,È,è,Ü,·Bftf[]fg,¾,è,Ā,č,éA[fjfCfuCE`Ž®,ĪA"ü—ĪŽž,ÉŽ"®"Ī,ÉCEY[]o,¾,è,Ü,·BŠù'è,Ī[]o—ĪCE`Ž®,Ī ustar ,Ā,·,ªA^È%o,É[]à-¾,·,é -x CE`Ž®f[]fVf¶f" ,Ā[]ä[] ,« ,¾,è,é[]è[] ,ª ,è,Ü,·B

**-w**

fpfX-¼,ĀŽw'è,·,éftf@fCf<, ,æ,ÑffffBfCEfNfgfŠ,đA·W[]€[]o—Í,Ö[] ,«ž,Ý,Ü,·B,±,Ī[]ÜAŽg—p,·,éA[fjfCfuCE`Ž®,Ā<K'è,¾,è,Ā,č,éfpfX-¼,ĀEfxfe[]f^fX[]Ī·ñ,à·¹,¹,Ā¶ ,«ž,Ü,è,Ü,·BfpfX-¼,ĀŽw'è,¾,è,½ffffBfCEfNfgfŠ,É,æ,èA,» ,lfffBfCEfNfgfŠ,lfth@fCf<,ĀE (ĪĀ<A'Ī,É) ftfuffBfCEfNfgfŠ,ªŽQ[]ĀE,¾,è,Ü,·BfpfX-¼,đŽw'è,μ,È,č,ĀE[]Afrfs[] ,·,éfpfX-¼,Ī^è— ,đ"¾,é,½,ß[]A[]s,É,Ā,« 1 ,Ā,lfpfX-¼,Ā·W[]€"ü—Í,©,ç"Ç,ÝŽæ,ç,è,Ü,·B,±,Ī[]è[] ,É,ĪA·W[]€"ü—Í,É·\Ž!,¾,è,éfpfX-¼,Ī,Ý,ªfrfs[] ,¾,è,Ü,·B

**-rw**

fpfX-¼,ĀŽw'è,μ,½ftf@fCf<,ĀEffffBfCEfNfgfŠ,đ"Ç,ÝŽæ,èA,» ,é,ç,đfrfs[] [ªffffBfCEfNfgfŠ,Öfrfs[] ,μ,Ü,·BfpfX-¼,ĀŽw'è,¾,è,½ffffBfCEfNfgfŠ,É,æ,èA,» ,lfffBfCEfNfgfŠ,lfth@fCf<,ĀE (ĪĀ<A'Ī,É) ftfuffBfCEfNfgfŠ,ªŽQ[]ĀE,¾,è,Ü,·BfpfX-¼,đŽw'è,μ,È,č,ĀE[]Afrfs[] ,·,éfpfX-¼,Ī^è— ,đ"¾,é,½,ß[]A[]s,É,Ā,« 1 ,Ā,lfpfX-¼,Ā·W[]€"ü—Í,©,ç"Ç,ÝŽæ,ç,è,Ü,·B,±,Ī[]è[] ,É,ĪA·W[]€"ü—Í,É·\Ž!,¾,è,éfpfX-¼,Ī,Ý,ªfrfs[] ,¾,è,Ü,·Bfrfs[] [đs,æ'O,É,ĪAffffBfCEfNfgfŠ ,ĀŽw'è,μ,½-¼'O,ĪA'¶[]Y,μ,Ā, ,èA"K[]Ø,ÉfAfNfZfXCE ,đŽ,Ā,Ā,č,È, ,è,Ī,È,è,Ü,¹,ñB

**-a**

fpfX-¼,ĀŽw'è,μ,½ftf@fCf<,đAŽw'èfA[fjfCfu ftf@fCf<,É'Ç%oĀ,μ,Ü,·B

**-b fuf[]fbfN'·**

fA[fjfCfu ftf@fCf<,É[] ,«ž,þ[]Ü,ĪA[] ,«ž,þfuf[]fbfN'· ,đŽw'è,μ,Ü,·Bk ftftfBfbfNfX,đŽw'è,·,é,ĀEuf[]fbfN'· ,Ī 1024 fofCfg,ĀE,È,èA[]b ftftfBfbfNfX,Ā,Ī 512 fofCfg[]Am ftftfBfbfNfX,Ā,Ī 1048576 (1MB) ,ĀE,È,è,Ü,·Bfuf[]fbfN'· ,É%o½,àŽw'è,μ,È,©,Ā,½[]è[] ,ĪA[]fuf[]fbfN'· ,Ī"ü—

ížž,Éžž©“®“l,ÉÉ^è,³,è□A-**rw** flfvfVfjf“Žw’èžž,í□A-³žž,³,è,Ü,·□B

**-c**

fpf^□[f“ ,É,æ,é“É,«□#,í,¹,ð•â,ç,Ü,·□B

**-d**

fA□[fffCfu ftf@fCf<“à,É-¾žž!“l,É<L□q,³,è,Ä,ç,È,ç’+šŎfffBfçfNfgfš,í□A□□-³,è,Ü,¹,ñ□B,±,lfvfvfjf“ ,í□A-**r**  
flfvfVfjf“ ,²žw’è,³,è,Ä,ç,È,ç,Æ-³žž,³,è,Ü,·□B

**-f** fA□[fffCfu

fA□[fffCfu flfvfVfjf“ ,í□A“ü—í,Æ□o—lfA□[fffCfu,lfpfX-¾,ðžw’è,µ,Ü,·□B,±,ì□Ú□A-**r**  
flfvfVfjf“ Žw’èžž,ì•W□€“ü—í—p,ìšù’è,lfpfX-¾□A,“ ,æ,Ñ **-w** flfvfVfjf“ Žw’èžž,ì•W□€□o—í—p,ìšù’è,lfpfX-  
¾,í□ã□,« ,³,è,Ü,·□B

**-i**

í~b•€□,É,æ,èftf@fCf<-¾,ð•ï□X,µ,Ü,·□B-**s** flfvfVfjf“ (^È%º,É□à-¾)  
,É,æ,é’uš,í□Aft□[fU□[ ,© ,ç□V,µ,çftf@fCf<-¾,ð—v□, ,é’O,Éžž□s,³,è,Ü,·□B<ó,ì□s,²“ü—  
í,³,è,é,Æ□Aftf@fCf<,lfXflbfv,³,è□AEOf ,É’<ö, ,é,Æ□Apax ,í 0 ,ì□l—fXfe□[f^fX,Ä□l—¹,µ,Ü,·□B

**-l**

%oÂ“\,È□è□#□Aftf@fCf<,lfRfs□[ ,³,è,È,ç,ÅšŎ~A•t, ,³,è,Ü,·□B

**-m**

ftf@fCf<,ì□Å□l•í□Xžž□□,í□A^Úžž,³,è,Ü,¹,ñ□B

**-n**

**-r** ,ížw’è,³,è,Ä,ç,é,² **-w** ,²žw’è,³,è,Ä,ç,È,ç□è□#□Afpf^□[f^ø□ ,í’É□í,lfth@fCf<-¾,Æ,µ,Ä^µ,í,è,Ü,·□B“ü—  
lfA□[fffCfu ftf@fCf<“à,Å□A,±,è,ç,lfth@fCf<,í□A,»,è,¾,è□Å□%o,ì 1 %oñ,¾,“Ç,Ýžæ,ç,è,Ü,·□B**pax** ,í□A^è  
—,ì, ,x,Ä,lfth@fCf<,²“Ç,Ýžæ,ç,è,½CEã□A0 □l—fXfe□[f^fX,Ä□l—¹,µ,Ü,·□B^è—,Ä 1  
,Ä,Ü,½,í, ;□ ,lfth@fCf<,²CE© ,Ä,© ,ç,È,ç□è□#□A**pax** ,í□A,»,è,¾,è,lfth@fCf<,É’í,µ,Ä□A•W□€fGf  
%o□[ ,É□f’f,ð□ ,«□ž,ñ,Å□A0 ^ÉšŎ,ì□l—fXfe□[f^fX,Ä□l—¹,µ,Ü,·□Bftf@fCf<-¾,í“äšr,³,è,½CEã□A-**i**□A-**s**□A-**y**  
,ì,ç, ,è,© ,lfvfvfjf“ ,²“K—p,³,è,Ü,·□B

**-o**

fA□[fffCfu ftf@fCf<“à,Äžw’è,³,è,Ä,ç,éftf@fCf<,ì□š—LCE ,ð•œCE³,µ,Ü,·□B<N“ @fvf□fZfX,í□A,±,è,ð□s,²  
,½,ß,É“K□Ø,ÈCE Ä,ðžž,í,Ä,Ä,ç,È, ,è,ì,È,è,Ü,¹,ñ□B

**-p**

lfRfs□[ ,³,è,½CEã,ì“ü—lfth@fCf<,lfAfNfZfXžž□□,ð^Úžž,µ,Ü,·□B

**-s** ’uš•¶žž—ñ

žž,Éžž!, ,æ,²,É ed(1) ,ì□\•¶,ðžž,Á,Ä□A’uš•\CE»,É,æ,èftf@fCf<-¾,í□C□³,³,è,Ü,·□B

-s /old/new/[gp]

<ó” ,Ä,É,ç•¶žž,í,ç,è,Ä,à□A<æ□Ø,è<L□t ( ,±,±,Ä,í□A—á,Æ,µ,Ä / ,²žž,í,è,Ä,ç,Ü,·) ,Æ,µ,Äžžg—p,Ä,« ,Ü,·□B-**s**  
,ðžž,Á,½’uš•\CE»,ð•;□“□Ažžw’è,Ä,« ,Ü,·□B,»,è,ç,ì’uš•\CE»,í□A□Å□%o  
,ì’uš,²□—CE÷,µ,½CEã□Ažžw’è,µ,½□#“Ŏ,Ä“K—p,³,è,Ü,·□BCEã’±,ì p flfvfVfjf“ ,É,æ,è□Aftf@fCf<-  
¾,ì’u,«š, ,²□—CE÷,µ,½□è□#□A,»,è,ð•W□€fGf%o□[ã,É^è—•žž,µ,Ü,·□BCEã’±,ì ,‡  
flfvfVfjf“ ,É,æ,è□A’u,«š, ,ì’O,ì’uš•\CE»,²□A’u,«š, ,ìCE³ftf@fCf<-¾,Æ^è’v, ,é,½,Ñ,É□Aftf@fCf<-  
¾,²’u,«š, ,ì,ç,è,é,æ,²,É,µ,Ü,·□B<ó” •¶žž,Ä’uš,³,è,éftf@fCf<,í□A“ü—í, ,æ,Ñ□o—í,ì—¾•ü,Ä-³žž,³,è,Ü,·□B

**-t** fffofCfX

fffofCfX flfvfVfjf“ ^ø□ ,í□A“ü—í,Ü,½,í□o—lfA□[fffCfu fffofCfX,É•t, ,ç,è,Ä,ç,é’è< □[ ,Ý,ìžž•Éžžq,Ä,·□B,±  
,lfvfvfjf“ ,É,æ,è□A-**r** Žw’èžž,ì•W□€“ü—í, ,æ,Ñ **-w** Žw’èžž,ì•W□€□o—í,ìšù’è,iffofCfX-  
¾,²□ã□,« ,³,è,Ü,·□B

**-u**

“ , ¼’O, Åæ, É’Ÿ, µ, Ä, ç, éftf@fCf<, æ, èV, µ, çèè±, É, ¾, Aftf@fCf<, ðfRfs[ , µ, Ü, ·B, ±, è, íA-a ,Æ“ , ¼” @ , Æ, È, è, Ü, ·B

**-v**

ftf@fCf<-¼, ð^è—•\Ž!, µ, Ü, ·B-r , , æ, Ñ -w , ì’o•ù, aÈ—<sup>a</sup>, è, ½èè±A•W€—íä, É^è—•\ Ž!, è, é“à—e, ìÚ×fe[fuf<, ðì—, µ, Ü, ·B, ±, è^ÈŠO, ìèè±, É, íAftf@fCf<-¼, a[A[ffCfu ftf@fCf<“à, Åæ©, Å, ©, é, ½, Ñ, ÉA•W€fGf% [ , É, » , ìftf@fCf<-¼, a^óü, è, Ü, ·B

**-x** æ`Ž®

o—íA[ffCfuæ`Ž®, ðŽw’è, µ, Ü, ·B“ü—íæ`Ž®, íA-r flfvVfjf“, aŽg— p, è, è, ½èè±AŽ®“®“í, Éæ^’è, è, Ü, ·B, ±, ìÚA“ü—íæ`Ž®, íŽÝ, ìæ`Ž®, ì, ç, , è, ©, Å, È, , è, í, È, è, Ü, , ñB

**cpio** IEEE Std. 1003.1-1988 , ì Extended CPIO Format “à, ÅŽw’è, è, ½Šg’£ CPIO æðŠ·æ`Ž®B

**Ustar** IEEE Std. 1003.1-1988 , ì Extended TAR Format “à, ÅŽw’è, è, ½Šg’£ TAR æðŠ·æ`Ž®B, ±, è, íAŠù’è, íA[ffCfuæ`Ž®, Å, ·B

**-y**

Šeftf@fCf<, ì”z’u, É, Å, ç, Äfvf“fvfg, ð•\Ž!, µ, Ü, ·B-s flfvVfjf“ (‘Oo) , É, æ, èŽw’è, è, è, é’uŠ·, íAft[ffU[ , É”z’u, ð’£, ‘O, Éšs, í, è, Ü, ·BEOF , Ü, ½, í•Ÿš q , ÅŽn, Ü, é“ü— íšs, æ©, Å, ©, é, ÆA1, µ, Ü, ·B, » , è^ÈŠO, ÅAy ^ÈŠO, ÅŽn, Ü, é“ü— íšs, æ©, Å, ©, Å, ½èè±A, » , ìftf@fCf<, í-Žš, è, Ü, ·B, ±, ìflfvVfjf“, íA-i flfvVfjf“, Æ, Æ, à, ÉŽg—p, , é, ± , Æ, í, Å, «, Ü, , ñB

• : “ , ì -f , Ü, ½, í -t flfvVfjf“, aŽw’è, è, ½èè±AÅæä, ÉŽw’è, è, è, ½, à, ì, ¾, , a—Læø, Æ, È, è, Ü, ·B fffBfæfNfgš

-r , , æ, Ñ -w , ì—¼•ù, ìflfvVfjf“, aŽw’è, è, è, Ä, ç, éèè±Afrfs[æfffBfæfNfgš, ìpfX-¼, Å, ·Bfrfs[ , ðšs, s’O, É, íAfrfs[æfffBfæfNfgš, í’Ÿ, µ, Ä, , èA[ , «ž, Ý%Å“\, Èó’Ó, É, È, Á, Ä, ç , È, , è, í, È, è, Ü, , ñB, » , s, Å, È, çèè±, íAfgf% [ , a“Ÿ, µ, Ü, ·B

**fpfX-¼**

• W€“ü—íä, ÅŽw’è, è, éftf@fCf<, ì’ä, í, è, É, » , ì“à—e, aŽg— p, è, éftf@fCf<, Å, ·BfffBfæfNfgš, aŽw’è, è, è, ½èè±A, » , ìfffBfæfNfgš, ì, , x, Å, ìftf@fCf<, ÆfTfuffBfæfNfgš Š, à“—í, ÉfRfs[ , è, Ü, ·B

**fpf^ [f“**

fpf^ [f“ . ífCf<fhj[fh, ðŽg, Å, ÅŽw’è, µ, Ü, ·BŠù’è, ìŸ’è, Å, íA, , x, Å, ìftf@fCf<, a€[ , ì’íÚ, Æ, È, è, Ü, ·B Pax , ÉŠÖ, , éÚ×í•ñ

- Pax--’
- Pax---á



### Pax--'□

,Ü, ©, ì POSIX fvf□Of%œ€€, ì, æ, æ, É□Apax , í□Afe□[fv fhf%œCfu, ÉfAfNfZfX, Å, «, Ü, ¹, ñ□Bpax , í□AfffBfXfN fhf %œCfu□ã, ìfA□[fjfCfu ftf@fCf<, ð“Ç, ÝŽæ, Å, ½, è□A□', «□ž, ñ, ¾, è, ·, é, ±, Æ, Ì, Ý, ÉŽg—p, Å, «, Ü, ·□Bpax , í□AIEEE Std. 1003.1-1988 , ÅŽw'è, ³, é, é Archive/Interchange File Format , É□], æfA□[fjfCfu

ftf@fCf<, ð“Ç, ÝŽæ, Å, ½, è□A□', «□ž, ñ, ¾, è, µ, Ü, ·□Bpax , í, Ü, ½□AArchive/Interchange File Format <L□q, ÅŽw'è, ³, é, Å, ç, é, à, ì^ÉŠO, É, à'½, , ìftf@fCf<:CE`Ž® , ð“Ç, ÝŽæ, é, ±, Æ, Ì, Å, «, Ü, ·, æ□A□', «□ž, p, ± , Æ, Ì, Å, «, Ü, ¹, ñ□B%œ^ÉCEÝŠ·□«, ·, æ, Ñf□[f^fjŠfefB, ð□Å'âCEÀ, É·Ü, Å, ½, ß, É□AV7 tar , ·, æ, Ñ System V fofCfjŠf cpio CE`Ž® , ìfA□[fjfCfu ftf@fCf<, È, Ç, ì□A“ “□“l, Èftf@fCf<:CE`Ž®, ìftf□[fg, æ'ñ<Ý, ³, é, Ü, ·□B

-r , Ü, ½, Ì -w , Ì, Ç, ç, ì, ìfvfVfj“ , àŽw'è, ³, é, Å, ç, é, ç□ê□#□Apax , ÌŽw'èfA□[fjfCfu ftf@fCf<, ì“à—e, ð^è—\ ŽÌ, µ, Ü, ·□B, ±, ìf, □[fh, Å, í□Apax , Ì'É□í, ìftf@fCf<, ð 1 □s, É 1 , Å, , Å□A^è—\ ŽÌ, µ, Ü, ·□Bfn□[fh fŠf“fN fpfX-¼, ÌŽÿ, Ì, Æ, ·, è, Å, ·□B

fpfX-¼ == fŠf“fN-¼

fv“f{fŠfbfN fŠf“fN fpfX-¼ (ŽÀ'·, Åftf□[fg, ³, è, Å, ç, é□ê□#) , í□AZÿ, Ì, Æ, ·, è, Å, ·□B

fpfX-¼ -> fŠf“fN-¼

, ½, ¾, µ□AfpfX-¼, ÌŽæ, è□o, ³, é, èftf@fCf<, Ì-¼' O, Å□AŠf“fN-¼, ìfA□[fjfCfu ftf@fCf<, É□Å□%œ , ÉCE» , è, ½ftf@fCf<, Ì-¼' O, Å, ·□B

-v ìfvfVfj“ , æŽw'è, ³, é, ½□ê□#□Apax , í□A-l ìfvfVfj“ ·t, «, Å Is ft□[fefBfŠfefB, ðŽg— p, µ, ½□ê□#, Æ“ , □CE`Ž®, Å□A'É□í, ìfpfX-¼, ð^è—\ ŽÌ, µ, Ü, ·□Bfn□[fh fŠf“fN, ÌŽÿ, Ì, æ, æ, É, È, è, Ü, ·□B

<ls -l listing> == fŠf“fN-¼

fv“f{fŠfbfN fŠf“fN (ftf□[fg, ³, è, Å, ç, é□ê□#) , í□AZÿ, Ì, æ, æ, É, È, è, Ü, ·□B

<ls -l listing> -> fŠf“fN-¼

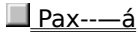
fA□[fjfCfu, Ì“r't, Å□A□fffbfA, Ì□í, Ì, è, ðCEÿ□o, ·, é, Æ□Apax , í□Aft□[fU□l, ÉfA□[fjfCfu—p, ÌŽÿ, ìf{fŠf...□[f€ , ð— p^O, ·, é, æ, æ, É'£ , fvf□“fvfg, ð·ŽÌ, µ□Aft□[fU□l , æŽÿ, ìf{fŠf...□[f€ , Ì^É'u, ðŽw'è, Å, «, é, æ, æ, É, µ, Ü, ·□B

fA□[fjfCfu ftf@fCf<, É□', «□ž, p□ê□#□AfpfX-¼, æŽw'è, ³, é, Å, ç, È, ·, è, í□A·W□€“ü—í, æfpfX-¼, Ì^è—, Æ, µ, ÅŽg —p, ³, è, Ü, ·□B“ü—í, ÌCE`Ž®, í□A1 □s, É, Å, «fpfX-¼ 1 , Å, Å, ·□B , é, ç, í□A·W□€“ü—í, í□AIEEE Std. 1003.1-1988 , Ì Archive/Interchange File Format , Ì<K-ñ, É□€<' , ·, éCE`Ž®, ìfA□[fjfCfu ftf@fCf<□A, Ü, ½, Ì, Ü, ©, Ì'è< ŽÀ'·CE`Ž®, É, È, è, Ü, ·□B

fv□[fZfX, ìft□[fU□l ID , ·, æ, ÑfOf<□[fv ID , ð□A“K□Ø, ÈCE CEÀ, Æ, Æ, à, É—p, ç, é, Æ□Apax , æfA□[fjfCfu ftf@fCf<, ÌŠ—LCE , ·, æ, ÑfAfNfZfXCE '®□«, ð·œCE³ , ·, é“—í, ð□\$CEä , ·, é, ±, Æ, æ, Å, «, Ü, · (□Ú, µ, , í□A□uIEEE Std. 1003.1-1988 , Ì Archive/Interchange File Format□v, Ì□uCE`Ž®“Ç, ÝŽæ, èft□[fefBfŠfefB□v, ðŽQ□Æ, µ, Å, ¾, ³, ç)□B

ìfvfVfj“ , Ì -a□A-c□A-d□A-i□A-l□A-p□A-t□A-u□A , ·, æ, Ñ -y , ð—p, ç, é, ±, Æ, É, æ, è□A“ “□“l, ÉŽg—p, ³, è, Å, ç , é cpio , ·, æ, Ñ tar ft□[fefBfŠfefB, Æ, Ì<@“\CEÝŠ·□«, æ'ñ<Ý, ³, è, Ü, ·□BìfvfVfj“ , ÌŠù'è, Ì□Ý'è, Ì□A, ± , è, ç, ìfvfVfj“ , Ì□Å, à^è^É“l, ÉŽg—p-@ , ÉŠî, Å, ç, Å'Ì, Ì, è, Å, ç, é, ½, ß□AìfvfVfj“ , Ì“à, Ì, ç, , Å, ©, í□A“ “□“l, ÉŽg— p, ³, è, Å, ç, éfRf}f“fh, Æ, Ì^Ü, È, é^O—ì, ðŽ□, Å, Å, ç, Ü, ·□B

Pax , ÉŠÖ, ·, é□Ú□×□í·ñ



Pax---á



Pax



### Pax---á

fRf}f“fh:

mkdir newdir

cd olddir

pax -rw . newdir

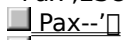
OLDDIR ,ì“à—e,ð NEWDIR ,ÉfRfs[][,μ,Û,·[]B

fRf}f“fh:

pax -r -s ' ,/\*usr/\* , ' -f pax.out

fA[]fjfcfu PAX.OUT ,ì[]ACE»[]Ý,ìfffBfCEfNfgfŠ, ©,ç,ì'Š'ÍfpfX,ÅŽæ,è[]o,<sup>3</sup>,ê,½fA[]fjfcfu ftf@fcf<,ì "/usr"  
,Éf<[]fg,<sup>a</sup> ,é,·,×,Ä,ìftf@fcf<,ð“Ç,ÝŽæ,è,Û,·[]B

Pax ,ÉŠÖ,·,é[]Ú[]x[]î•ñ





### Pentnt

Pentium fvf[]fZfbfT,É•,“@[]-[]”“\_[]œŽZfGf%[][,ª, ,é[]ê[]‡,í,» ,ê,ðŒÿ[]o,µ[]A•,“@[]-[]”“\_[]%  
%[]ŽZfn[][fhfEjFfA,ð-³Œø,É,µ[]AfGf~f...fŒ[][fVf‡f“,ð[]s,‡,æ,‡,É,µ,Û,·[]B

### pentnt [-c] [-f] [-o] [-?|-h]

fpf%[]f[][]f^

-c

[]ðŒ[]•t,«fGf~f...fŒ[][fVf‡f“,ð[]s,ç,Û,·[]B<N“@Žž,ÉfvfXfef€,ª Pentium fvf[]fZfbfT,ì•,“@[]-[]”“\_[]œŽZfGf  
%[][,ðŒÿ[]o,µ,½,Æ,«,ì,Ý[]A•,“@[]-[]”“\_[]%[]ŽZ,ìfGf~f...fŒ[][fVf‡f“,ð[]s,ç,Û,·[]B,±,ìpf  
%[]f[][]f^,ðŽw'è,µ,½,è[]ê[]‡,í[]AfRf“fsf...[]f^,ð[]Ä<N“@,µ,È,¯,ê,î,È,è,Û,¹,ñ[]B

-f

<[]\$fGf~f...fŒ[][fVf‡f“,ð[]s,ç,Û,·[]BfvfXfef€,Å Pentium fvf[]fZfbfT,ì•,“@[]-[]”“\_[]œŽZfGf%[][,ª”-  
[]¶,·,é,©,Ç,‡,©,É,æ,ç,·[]A•,“@[]-[]”“\_[]%[]ŽZ,ìfn[][fhfEjFfA,ð-³Œø,É,µ[]AfGf~f...fŒ[][fVf‡f“,ð[]s,ç,  
,Û,·[]B,±,ìpf%[]f[][]f^,í[]A\ftfgfEjFfA fGf~f...fŒ[]f^,ðefXfg,µ,½,è[]AflfyfŒ[][fefBf“fo fvfXfef€,Å”»-  
¾,µ,Ä,ç,é•,“@[]-[]”“\_[]%[]ŽZfn[][fhfEjFfA,ìŒ±Š×,ð”ð,¯,Ä[]ì<Æ,·,é,½,ß,ÉŽg,í,è,Û,·[]B,±,ìpf  
%[]f[][]f^,ðŽw'è,µ,½,è[]ê[]‡,í[]AfRf“fsf...[]f^,ð[]Ä<N“@,µ,È,¯,ê,î,È,è,Û,¹,ñ[]B

-o

<[]\$fGf~f...fŒ[][fVf‡f“,ð,â,ß[]A•,“@[]-[]”“\_[]%[]ŽZfn[][fhfEjFfA,ð[]Ä,Ñ—LŒø,É,µ,Û,·[]B,±,ìpf  
%[]f[][]f^,ðŽw'è,µ,½,è[]ê[]‡,í[]AfRf“fsf...[]f^,ð[]Ä<N“@,µ,È,¯,ê,î,È,è,Û,¹,ñ[]B

-?|-h

fRf}f“fh,ìfwf<fv,ð•\žì,µ,Û,·[]B





### Popd

**pushd** fRf}f“fh,ÅŠi”[,μ,½ffBfĀfNfgfŠ,É•ï□X,μ,Ü,·□B

**popd** ,đŽg,Á,ÄfffBfĀfNfgfŠ,đ•ï□X,Å,«,é,ì,í 1 “x,¾,¯,Å,·□B□Å□%  
,ÉŽg,Á,½Āã,É□Afofbftf@,³fNfŠfA,³,ê,Ü,·□B

### popd

Popd ,ÉŠÖ,·,é□Ú□×□î•ň

Popd---á



### Popd---á

**pushd** ,Æ **popd** ,đfofjbf` ftj@fCf<,ÁŽg,α,Æ□Afofjbf` ftj@fCf<,ì□!—<sup>1</sup>Žž,É□Afofjbf`  
ftj@fCf<,đ<N"® ,μ,½ffBfĀfNfgfŠ,É-β,é,±,Æ,<sup>3</sup>Ä,«,Ü,·□B

@echo off

rem ,±,ìfofjbf` ftj@fCf<,íŽw'è,μ,½ffBfĀfNfgfŠ,ì .TXT ftj@fCf<,·,x,Ä,đ□í□œ,μ,Ü,·

pushd %1

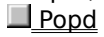
del \*.txt

popd

cls

echo %1 fffBfĀfNfgfŠ,É, ,é,·,x,Ä,ìfefLjXfg ftj@fCf<,đ□í□œ,μ,Ü,μ,½

Popd ,ÉŠÖ,·,é□Ú□x□î•ñ



Popd



## Portuas

LAN Manager 2.x ,lft[fU[f AfjEj“fg ff[f^fx[fX,ðAŠù‘¶,ì Windows NT ft[fU[f AfjEj“fg ff[f^fx[fX,É•¹¶,µ,Û,·B

**portuas -f** ftf@fCf<-¼ [-u ft[fU[-¼] [-v] [/codepage fR[fhfy[fW] [/log ftf@fCf<-¼]

**fpf%of[f^**

**-f** ftf@fCf<-¼

LAN Manager 2.x ,ì NET.ACC ftf@fCf<,ðŽw'è,µ,Û,·B

**-u** ft[fU[-¼

•¹¶,µ,½,çft[fU[.Û,½,ÍfOf<[fv,ðŽw'è,µ,Û,·B

**-v**

,·,x,Ä,lf[fbfZ[fW,ð•Ž!,µ,Û,· (Ú×•Ž!)B

**/codepage** fR[fhfy[fW

LAN Manager 2.x NET.ACC ftf@fCf<,“ü,Á,Ä,ç,é OEM fR[fhfy[fW,ðŽw'è,µ,Û,·B

**/log** ftf@fCf<-¼

œ<%É,ð<L~^,·,éftf@fCf<,ðŽw'è,µ,Û,·B

Portuas ,ÉŠÖ,·,éÚ×î•ñ

Portuas--'

Portuas---á



**Portuas--'**

**portuas** ,đŽg,ɤ,ÆALAN Manager 2.x fT[f]o[l].lft[f]U[f] fA}fEf“fg,ÆfOf<[fv,đAWindows NT fRf“fsf...  
[f^ã,É•¹‡,Â,«,Û,·B

**portuas** ,đŽg,ɤ,É,ÍAŞÇ—ŹÒfOf<[fv,l}f“fo[l,Â,È,¯,ê,î,È,è,Û,¹,ñB

fT[f]o[l].,æ,Ñ Net Logon fT[f]X,đAWindows NT fRf“fsf...[f^ã,ÂŽÀ[s,µ,Ä,ç,È,¯,ê,î,È,è,Û,¹,ñB

LAN Manager OS/2 fT[f]o[l],©,çf[f]U[f] fA}fEf“fg ff[f]^fx[f]X,đ•¹‡,·,é•û-@,ìÚx,É,Â,ç  
,Â,íAWindows NT ,l}f}ff...fAf<,đŽQAE,µ,Ä,,¾,¾,çB

Portuas ,ÉŠÖ,·,éÚx×î•ñ



Portuas---á



Portuas



### Portuas---á

LAN Manager 2.x ,lft[fU[f Afj]fEf“fg ff[f^fx[fX,đ Windows NT ,lft[fU[f Afj]fEf“fg  
ff[f^fx[fX,É•¹[†,·,é,É,Í[AŽŸ,ì,æ,æ,É“ü—í,µ,Ü,·B

portuas -f \lanman\accounts\net.acc -v

ft[fU[f Afj]fEf“fg CRISTALW ,đ[ALAN Manager 2.x ,lft[fU[f Afj]fEf“fg ff[f^fx[fX,©,ç Windows NT  
fRf“fsf...[f^,É‘Ç%oÁ,·,é,É,Í[AŽŸ,ì,æ,æ,É“ü—í,µ,Ü,·B

portuas -f a:\net.acc -u cristalw

Portuas ,ÉŠÖ,·,é[Ú[×[î•ñ



Portuas--' [



Portuas



### Print

,Ü, ©, ì Windows NT fRf}f“fh, ðŽg—p’t, ÉfefLfxfg ftf@fCf<, ð^óü, µ, Ü, ·□B

fVfXfef€., ìVfŠfAf< f□□fg, Ü, ½, ìfpf%ofCef< f□□fg, É□Ú’±, ³, è, Ä, ç, é□o—ífffofCfX,ª, , è, ì□A, ±, ìRf}f“fh, ðŽg, Ä, ÄfofbfNfOf%ofEf“fh, Ä^óü, Ä, «, Ü, ·□B

**print** [/d:fffofCfX] [fhf%ofCfu:][fpfX] ftf@fCf<-¼ [...]

**fpf%of□□f^**

, È, µ

fpf%of□□f^, ð•t, , , É **print** , ð“ü—í, , , é, Æ□A^óüfLf...□[, ì“à—e,ª•\Ž!, ³, è, Ü, ·□B

**/d:fffofCfX**

^óüfffofCfX, ì-¼’O, ðŽw’è, µ, Ü, ·□Bfpf%ofCef< f□□fg, É—LCEø, È’l, ì□ALPT1□ALPT2□A, ”, æ, Ñ LPT3, Ä, ·□BfvfŠfAf< f□□fg, É—LCEø, È’l, ì□ACOM1□ACOM2□ACOM3□A, ”, æ, Ñ COM4 , Ä, ·□B, Ü, ½□Aflfbfgf□□fNfvfŠf“f^, ð<κ—L-¼ (\\T□[fo□[-¼\<κ—LfvfŠf“f^~¼) , ÄŽw’è, , , é, ±, Æ, à, Ä, «, Ü, ·□BSù’è’l, ì PRN , Ä, ·□B’l PRN , Æ LPT1 , ì□A“ , ìfpf%ofCef< f□□fg, ðŽw, µ, Ü, ·□B

[fhf%ofCfu:][fpfX] ftf@fCf<-¼

^óü, µ, ½, çftf@fCf<, ìê□Š, Æ-¼’O, ð“ü—í, µ, Ü, ·□B’P^è, ìRf}f“fh f%ofCf“, Ä•;□” , ìftf@fCf<, ðŽw’è, Ä, «, Ü, ·□B ŠÖ~A□€—Ú

fpf%ofCef< f□□fg, É□Ú’±, ³, è, Ä, ç, éfvfŠf“f^, ì□Ý’è, È, Ä, ç, Ä, ì□AMODE (fvfŠf“f^, ì□Ý’è) fRf}f“fh, ðŽQ□Æ, µ, Ä, -, ¾, ¾, ç□B

fvfŠf“f^, ì□ó’Ô, ð•\Ž!, , , é•û-@, È, Ä, ç, Ä, ì□AMODE (fffofCfX, ì□ó’Ô•\Ž!) fRf}f“fh, ðŽQ□Æ, µ, Ä, , ¾, ¾, ç□B

fVfŠfAf< f□□fg, É□Ú’±, ³, è, Ä, ç, éfvfŠf“f^, ð□Ý’è, , , é•û-@, È, Ä, ç, Ä, ì□AMODE (^óü, ìfŠf fCfCfNfg) fRf}f“fh, ðŽQ□Æ, µ, Ä, , ¾, ¾, ç□B

fR□[fh fy□[fW, ð□Ø, è’Ö, ì, ç, è, é, æ, κ, ÉfvfŠf“f^, ì□€”ð, ð□@, ì, é•û-@, È, Ä, ç, Ä, ì□AMODE (fffofCfX fR□[fh fy□[fW, ì□Ý’è) fRf}f“fh, ðŽQ□Æ, µ, Ä, , ¾, ¾, ç□B

Print , ÈŠÖ, , , é□Ú□×□î•ñ





**Print--'**

**fvf[]fOf%of€ ,Å[]1[]- ,<sup>3</sup> ,é,éftf@fCf< ,đ^ó[]ü , , ,é**

'½[]" ,ìfvf[]fOf%of€ ,É ,í[]A"ÆŽ© ,ì^ó[]üfRf}}f"fh ,<sup>a</sup> , ,è,Ü ,:[]B"Á'è ,ìfvf[]fOf%of€

,Å[]ì[]- ,μ ,½ftf@fCf< ,đ^ó[]ü , , ,é,É ,í[]A ,» ,ìfvf[]fOf%of€ ,ì^ó[]üfRf}}f"fh ,đŽg—p ,μ ,Ä , ,<sup>3/4</sup> ,<sup>3</sup> ,ç[]B

Print ,ÉŠÖ , , ,é[]Ú[]×[]↑•ñ



Print--—á



Print



**Print---**

ŽŸ,lfRf}f“fh,Á,ÍAftf@fCf< REPORT.TXT ,<sup>a</sup> LPT1 [ã,Å^óü,<sup>3</sup>,ê,Ü,.]B

print /d:LPT1 report.txt

Print ,ÉŠÖ,.,éÚ×î•ň

Print--'

Print





**Prompt**

Windows NT ,lfRf}f“fh fvf[]f“fvfg,đ•İ[]X,μ,Ü,·[]B

fRf}f“fh fvf[]f“fvfg,đfjXf^f}fCfY,μ,Ä[]ACE»[]Ý,ìffBfCefNfgfŠ,ì-¼'O[]AŽž[][],Æ“ú•t[]A,“,æ,Ñ Windows NT ,ìfo[][fWf#f“”Ô[]t,È,Ç[]A•K—v,ÉfefLfXfg,đ•\Ž! ,Á,« ,Ü,·[]B

**prompt [•¶Žš—ň]**

**fpf%of[][]f^**

•¶Žš—ň

fVfXfef€ fvf[]f“fvfg,É•\Ž! ,μ,½,†fefLfXfg,Æ[]î•ň,đŽw'è,μ,Ü,·[]BŽÝ,É[]AfefLfXfg fpf%of[][]f^,É•¶Žš—  
ň,ì'ä,í,è,É[]A,à,μ,,Í•¶Žš—ň,É'Ç%oÁ,Á,« ,é•¶Žš,ì'g,Ý[]‡,í,<sup>1</sup>,đŽ! ,μ,Ü,·[]B,±

,é,í[]AŠe•¶Žš,ì'g,Ý[]‡,í,<sup>1</sup>,É,æ,èfRf}f“fh fvf[]f“fvfg,É'Ç%oÁ,<sup>3</sup>,é,fefLfXfg,Ü,½,í[]î•ň,ìŠT—v,Á,·[]B

•¶Žš

•\Ž!

\$q

= (“™ []t)

\$\$

\$ (fhf<<L[]t)

\$t

CE»[]Ý,ìŽž[][]

\$d

CE»[]Ý,ì“ú•t

\$p

CE»[]Ý,ìfhf  
%ofCfu,“,æ,ÑfpfX

\$v

Windows NT  
,ìfo[][fWf#f“”Ô[]t

\$n

CE»[]Ý,ìfhf%ofCfu

\$g

> (•s“™ []t)

\$l

< (•s“™ []t)

\$b

| (fpfCfv)

\$\_

•œ<A - %oü[]s

\$e

ANSI fGfXfP[][fv fR[][fh  
(fR[][fh 27)

\$h

fofbfNfXfy[][fX  
(fvf[]f“fvfg,ìfRf}f“fh f  
%ofCf“,É[]',«[]ž,ň,¾•¶Žš,  
đ[]í[]œ,·,é,½,ß)

\$a

& (fAf“fpfTf“fh)

\$c

( ([]¶,©,Á,±)

\$f

) (%oE,©,Á,±)

\$s

fXfy[][fX

Prompt ,ÉŠÖ,·,é[]Ú[]×[]î•ň



Prompt--'[]



Prompt---á



Prompt--'□

**feLfXfg fpf%of□□[f^,ð•t,~,É prompt fRf}f“fh,ðŽg,κ**

feLfXfg'l,ðŽw'è,¹,É prompt fRf}f“fh,ðŽg,κ,Æ□AfRf}f“fh

fvf□f“fvfg,ÍŠù'è,ì□Ý'è,ÉfŠfZfbfg,³,é□ACE»□Ý,ìfhf%ofCfu-¼,ìCEã,ÉCE»□Ý,ìfffBfCEfNfgfŠ,Æ'â,È,è<L□t (>)  
,ª•\Ž,³,é,Ü,·□B

**feLfXfg,É \$p 'l,ðŽg,κ**

feLfXfg fpf%of□□[f^,É \$p •¶Žš,ðŽw'è,·,é,Æ□AŠefRf}f“fh,ð“ü—í,·,é,½,Ñ,É□ACE»□Ý,ìfhf

%ofCfu,“,æ,ÑfpfX,ð”»•É,·,é,½,ß,ÉfffBfXfN,ð“Ç,ÝŽæ,è,Ü,·□B,±,ì□^—□,í□A“Á,Éftf□fbfs□[ fffBfXfN fhf

%ofCfu,ì□ê□‡,É—]•ª,ÈŽžŠÖ,ª,©,©,é,±,Æ,ª,è,Ü,·□B

Prompt ,ÉŠÖ,·,é□Ú□×□î•ñ



Prompt--—á



Prompt



**Prompt---**

ŽŸ,ì—á,Å,íACE»Ý,ìfhf%ofCfu,“,æ,ÑfpfX,ìCEã,É'â,È,è<L□t (> ),ª•\Ž!,ª,ê,é,æ,æ,É□Afrf}f“fh  
fvf□f“fvfg,đ□Ý'è,μ,Û,·□B

prompt \$p\$g

ŽŸ,ìRf}f“fh,Å,íA2 □s,ìfvf□f“fvfg,ª•\Ž!,ª,ê□A1 □s-Ú,ÉCE»Ý,ìŽž□□A2 □s-Ú,ÉCE»Ý,ì“ú•t,ª•\Ž!,ª,ê,Û,·□B

**prompt time is: \$\$\_date is: \$d**

Prompt ,ÉŠÖ,·,é□Ú□×□î•ñ

Prompt--'

Prompt



## Protshell

Windows NT ,Æ OS/2 fTfufvfXfef€ ,íA, ±, ìfRf}f“fh, đŽg, ç, Ü, ¹, ñBfo [fWf#f” 1.3 ^È‘O, ì MS OS/2 , ©, ç, ìftf@fCf<, Æ, ìCEYŠ·□«, đŠm•Û, , é, ½, ß, É, ¾, ¯—p^Ó, ³, ê, Ä, ç, Ü, ·□B



## Pushd

**popd** fRf}f“fh,ÅŽg,!,é,æ,α

,ÉCE»Ÿ,İffBfCEfNfgfŠ,đŠi”[,μ,ÄACE»Ÿ,İffBfCEfNfgfŠ,đŽw’è,μ,½ffBfCEfNfgfŠ,É•İX,μ,Ü,·B

**pushd** [fpfX | ..]

**fpf%of** [f^

fpfX

CE»Ÿ,İffBfCEfNfgfŠ,É,·,éffBfCEfNfgfŠ,đŽw’è,μ,Ü,·B

Pushd ,ÉŠÖ,·,éÚ×î•ň

Pushd---á



### Pushd---á

```
fofbf` ftf@fCf<,Á pushd ,Æ popd ,ðŽg,α,Æ□A,» ,ìfofbf` ftf@fCf<,ð<N"® ,μ,½ffBfCefNfgfŠ,É-β,é,±  
,Æ,ª,Ä,«,Ü,·□B
```

```
@echo off
```

```
rem ,±,ìfofbf` ftf@fCf<,íŽw'è,μ,½ffBfCefNfgfŠ,ì .TXT ftf@fCf<,·,×,Ä,ð□í□œ,μ,Ü,·
```

```
pushd %1
```

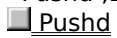
```
del *.txt
```

```
popd
```

```
cls
```

```
echo %1 fffBfCefNfgfŠ,É, ,é,·,×,Ä,ìfefLfXfg ftf@fCf<,ð□í□œ,μ,Ü,μ,½
```

```
Pushd ,ÉŠÖ,·,é□Ú□×□î•ñ
```



Pushd



### QBasic

Windows NT QBasic ,đ<N“® ,μ,Û,·□BWindows NT QBasic ,í□ABasic Ą¼ĄĄĚ,Ā□', ©,Ě,½-½—  
β,đ“Ç,Ý□ž,Ý□AŽĀ□s%Ā“\,ĚfRf“fsf...□[f^ ,lfR□[fh,Ě•ĪŠ·,·,Ě,½,β,lfvf□fOf%fĚ,Ā,·□B

**qbasic** [/b] [/editor] [/g] [/h] [/mbf] [/nohi] [[/run][fhf%ofCfu:][fpfX] ftf@fCf<-¼]

**fpf%of□□[f^**

[fhf%ofCfu:][fpfX] ftf@fCf<-¼

QBasic ,đ<N“® ,μ,½,Ā,Ě,« ,Ě“Ç,Ý□ž,βftf@fCf<,ì•Û'¶□ĚŠ,Ā-¼'O,đŽw'è,μ,Û,·□B

**/b**

fjf%□[ f,fjf^ ,đŽg—p,μ,Ā,ċ,Ě,Ā,« ,Ě□AQBasic ,đ“□•f,□[fh,Ā%Ě-Ě,Ě•\ž},μ,Û,·□B

**/editor**

ftf< fXfNfŠ□[f“•\ž},lfefLfXfg fGffBf^,ì MS-DOS Editor ,đĄĚ,Ń□o,μ,Û,·□B

**/g**

CGA f,fjf^ ,l%Ě-Ě□X□V,đ□Ā,à□,‘-,Ě,μ,Û,·□B

**/h**

%Ě-Ě,ì□Ā'ā□s□” ,đ•\ž},μ,Û,·□B

**/mbf**

'g,Ý□ž,ÝŠÖ□” ,ì MKS\$□AMKD\$□ACVS□A,“ ,æ,Ń CVD ,đ,» ,Ě,¼,Ě  
MKSMBF\$□AMKDMBF\$□ACVSMBF□A,“ ,æ,Ń CVDMBF ,Ě•ĪŠ·,μ,Û,·□B

**/nohi**

□, <P“xf,□[fh,đfTf]□[fg,μ,Ā,ċ,Ě,ċf,fjf^ ,đŽg,|,Ě,æ,æ,Ě,μ,Û,·□BCOMPAQ ŽĎ,lf%ofbfvfqbfv fRf“fsf...  
□[f^ ,Ā,í□A,±,lfXfCfbf` ,đŽw'è,μ,Ě,ċ,Ā, ,¼,³,ċ□B

**/run**

Žw'è,μ,½ Basic fvf□fOf%fĚ,đ•\ž},·,Ě'O,ĚŽĀ□s,μ,Û,·□B-Ú“l,lfTf@fCf<-¼,đŽw'è,·,Ě•K—v,<sup>a</sup> ,è,Û,·□B

'□^Ó



,±,lfRf}f“fh,í□APC-9800 fVfŠ□[fY,Ā,lfTf]□[fg,<sup>3</sup>,Ě,Û,<sup>1</sup>,Ń□B

Qbasic ,ĚŠÖ,·,Ě□Ú□×□î•ñ



qbasic--'□



## QBasic--'

### MS-DOS Editor ,đŽg,Æ,É,Í Windows NT QBasic ,ª•K—v,Å,•

MS-DOS Editor ,đŽg,Æ,É,Í ACE»Y,İffBfCEfNfgfŠA,Ü,½,Í EDIT.COM ftf@fCf<,Æ““,İffBfCEfNfgfŠ,É QBASIC.EXE ftf@fCf<,ª•Ü‘¶,³,ê,Ä,ç,È,˘,ê,İ,È,è,Ü,¹,ñBfn[fh fffBfXfN,İ<ó,«—İ^æ,đŠm•Ü,•,é,½,ß QBASIC.EXE ,đİíœ,µ,Ä,µ,Ü,Æ MS-DOS Editor ,ªŽg,İ,È,È,è,Ü,•B

### •i” ,İ Basic fvffOf%œ,đ±,˘ ,ÄŽÀs,•,é

Basic ,İ system fXfe[fgf“fg,ÆA/run fXfCfbf` ,đŽw`è,µ,½ qbasic fRf}f“fh,đŽg,ÆAfofbf` ftf@fCf<,©,ç Basic fvffOf%œ,đŽÀs,Å,«,Ü,•Bsystem fXfe[fgf“fg,İABasic fvffOf%œ,İŽÀs,ªİ —¹,µ,½CEãAQbasic ,đİ—¹,³,¹A§CEä,đ Windows NT ,É-ß,µ,Ü,•B,±,İ,½,ßAfofbf` ftf@fCf<,©,ç•i” ,İ Basic fvffOf%œ,đ±f,È,µ,É~A±,µ,ÄŽÀs,Å,«,é,æ,Æ,É,È,è,Ü,•B

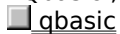
### QBasic ,ÄŽÀs,•,éfvffOf%œAGW-BASIC ,đ•İŠ,•,é

GW-BASIC fvffOf%œ,đ QBasic ,É•İŠ,•,é Basic fvffOf%œ,É,Ä,ç,Ä,İAREMLINE.BAS (Qbasic ,ÉŠÜ,Ü,ê,Ä,ç,Ü,•) ftf@fCf<,đŽQÆ,µ,Ä,,¾,³,çB

### fvf#[fgfjfbfg fL[.İ•\Ž;

f,fff^,İ‘,É,İAfXfCfbf` ,đŽw`è,µ,È,çCEÀ,èVf#[fgfjfbfg fL[.İ•\Ž;,đTf[fg,µ,È,ç,à,İª, ,è,Ü,•BŽg— p,µ,Ä,ç,éf,fff^,ÉVf#[fgfjfbfg fL[.ª•\Ž;,³,ê,È,ç,Æ,«,İA/b fXfCfbf` (CGA f,fff^,İêê)A,“,æ,Ñ /nohi fXfCfbf` (f{[f•fh•¶Žš,İ•\Ž;,đTf[fg,µ,Ä,ç,È,çVfXfefe,İêê) ,đŽw`è,µ,Ä,,¾,³,çB

Qbasic ,ÉŠÖ,•,éÜ×î•ñ



qbasic





### Recover

•s—ÇffBfXfN,Ü,½,íCEÿ,μ,½ffBfXfN,©,çA“Ç,ÝŽæ,è%Å“\,Èí•ñ,ð%ñ•œ,³,¹,Ü,·B

**recover** fRf}f“fh,Å,íAftf@fCf<,ðfZfNf^,²,Æ,É“Ç,ÝŽæ,èA³í,ÈfZfNf^,©,çff[f^,ð%ñ•œ,μ,Ü,·B•s—  
ÇfZfNf^,ìff[f^,íŽ,í,è,Ü,·B

**recover** [fhf%ofCfu:][fpfX] ftf@fCf<-¼

**fpf%of[f^**

[fhf%ofCfu:][fpfX] ftf@fCf<-¼

%ñ•œ,³,¹,éftf@fCf<,ìéŠ,Æ-¼‘O,ðŽw’è,μ,Ü,·B

Recover ,ÉŠÖ,·,éÚ×í•ñ



Recover--'



Recover---á



**Recover--'**

[fhf%oCfu:] [fjpfX] ftj@fCf<-¼ ,ÉŠÖ,·,é□\$CEÀŽ-□€

recover fRf}f“fh,Á,í□A f□fCf<fhfj□[fh (\* ,â ?) ,đŽg,!,Ü,¹,ň□B

Ž, ,í,ê,½ff□[f^,đ□Ä“ü—í,·,é

ftj@fCf<,đ%oñ•œ,³,¹,Ä,à□A•s—CfZfNf^,ìff□[f^,í,·,×,ÄŽ, ,í,ê,é,ì,Á□Aftj@fCf<,đ^ê“x,É 1 ,Á, ,Á

%oñ•œ,³,¹,é•K—v,ª, ,è,Ü,·□B,±,æ,·,é,±,Æ,Ä□Aftj@fCf<,đ

%oñ•œ,³,¹,½CEã,Á□AŠeftj@fCf<,đ•Ò□W,μ,Ä□ACE‡—Ž,μ,Ä,ç,éff□[f^,đ□Ä“ü—í,Á,«,Ü,·□B

•s—CfZfNf^,đ%oñ•œ,³,¹,é

chkdsk ,ÁfCEf□[fg,³,è,é•s—CfZfNf^,í□A^ê”Ô□Á□%o,ÉfffBfXfN,ì□Ý’è,đ,μ,½,Æ,«,É "bad"

,Æ,μ,Äf}□[fN,³,è,Ä,ç,Ü,·□B,±,ì,æ,æ,ÈfZfNf^,í□A**recover** fRf}f“fh,ì“@□ì,É,í%œ<¿,μ,Ü,¹,ň□B

%oñ•œ,ÆfofbfNfAfbfv,“,æ,Ñ•œCE³

recover fRf}f“fh,í□AMS-DOS ,ì **backup** ,Ü,½,í **restore** fRf}f“fh,Æ,íŠÖ~A, ,è,Ü,¹,ň□BMS-DOS ,ì

**backup** fRf}f“fh,đŽg,Á,Ä□i□→,μ,½fofbfNfAfbfv ftj@fCf<,É,í□A**restore** ,đŽg—p,μ,Ä,¾,³,ç□B

Recover ,ÉŠÖ,·,é□Ú□×□î•ñ



Recover--—á



Recover



**Recover---á**

fhf%oofCfu D: ,\fffbfCefNfgfš \FICTION ,\ftf@fCf< STORY.TXT ,đ%oň•œ,<sup>3</sup>,<sup>1</sup>,é,É,í[AŽŸ,ì,æ,ɣ,É“ü—í,μ,Û,·B

recover d:\fiction\story.txt

Recover ,ÉŠÖ,·,éÚ×î•ň

Recover--'

Recover



**Rem**

fRf"fg ('Žš), ðfobf` ftf@fCf<, Ü, ½, íŸ`èftf@fCf<, É'Ç%Á, Å, «, é, æ, x, É, μ, Ü, ·B

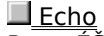
**rem** [fRf"fg]

**fpf%o**f[f^

fRf"fg

fRf"fg, Æ, μ, Ä'Ç%Á, μ, ½, ç •Ÿš—ň, ðŽw'è, μ, Ü, ·B

ŠÖ~A€-Ú



Echo  
Rem ,ÉŠÖ, ·, éÚ×î•ň



Rem--



Rem---á



Rem--'

echo fRf}f"fh,đŽg,Á,ÄfRf}f"fg,đ•\Ž!,•,é

rem fRf}f"fh,đŽg—p,μ,½□é□#□A%œ—É,ÉfRf}f"fg,í•\Ž!,<sup>3</sup>é,Ü,<sup>1</sup>ñ□B%œ—É,ÉfRf}f"fg,đ•\Ž!,<sup>3</sup>,<sup>1</sup>é,É,í□Afofbf`ftf@fCf<,Ü,½,í CONFIG.NT ftf@fCf<,Á□Aecho on fRf}f"fh,đŽg—p,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,č□B

fofbf`ftf@fCf<,lfRf}f"fg,ÉŠÖ,•,é□sCEÄŽ—□€

fofbf`ftf@fCf<,lfRf}f"fg,É,í□AfŠf\_fCfÆfNfg•¶Žš (< ,Ü,½,í > ) ,Ü,½,lfpfCfv (|) ,<sup>3</sup>Žg,l,Ü,<sup>1</sup>ñ□B

rem ,đŽg,Á,Ä□c•ûCEü,ìŠÔŠu,đ'Ç%oÁ,•,é

fRf}f"fg,đ•t,•,É rem ,đŽg,æ,Æ□Afofbf`ftf@fCf<,É□c•ûCEü,ìŠÔŠu,đ'Ç%oÁ,Ä,«Ü,•,«□A<ó'''□s,đŽg,æ•û-@,à, ,è,Ü,•□BWindows NT ,Ä,í□Afofbf`ftf@fCf<,đ□^—□,•,é,Æ,«É<ó'''□s,í-<sup>3</sup>Ž<,<sup>3</sup>é,Ü,•□B

Rem ,ÉŠÖ,•,é□Ú□×□í•ñ



Rem---á



Rem



**Rem---á**

ŽŸ,ì—á,í□A□à-¾,¨,æ,Ñ□c•úCEü,ìŠÔŠu,Æ,μ,Ä'□Žß,ðŽg,æfofbf` ftj@fCf<,ðŽ!,μ,Ä,ç,Ü,·□B

@echo off

rem ,±,ìfofbf` ftj@fCf<,í□A□V,μ,çffBfXfN,ðftjH□[f]fbfg,μ□A

rem fffBfXfN,É^Ü□í,ª,È,ç,©,Ç,æ,©,ðCEŸ□,μ,Ü,·

rem ftj@fCf<-¼□F CHECKNEW.BAT

rem

echo □V,μ,çftj□fbfs□[fffBfXfN,ðfhf%oCfu B ,É'}“ù,μ,Ä,,¾,³,ç.

pause

format b: /v

chkdsk b:

CONFIG.NT ftj@fCf<,Å□A**prompt** fRf}f“fh,ì'O,É□à-¾fRf□f“fg,ð'Ç%oÁ,·,é,É,í□ACONFIG.NT ,ÉŽŸ,ì□s,ð'Ç  
%oÁ,μ,Ü,·□B

rem CE»□Ÿ,ìfffBfCEfNfgfŠ,ðŽ!,·fvf□f“fvfg,ð□Ÿ'è,μ,Ü,·

prompt \$p\$g

Rem ,ÉŠÖ,·,é□Ú□×□î•ň



Rem--'□



Rem



### Rename (Ren)

ftf@fCf<,l-¼'O,ð•iX,μ,Ü,·B

Žw'è,μ,½ftf@fCf<-¼,É^è'v,·,é,·,×,Ä,lfthf%ofCfu,É,Ü,½,é,ftf@fCf<,l-¼'O,ð•iX,·,é,Æ,«A,Ü,½,lfthf%ofCf<,ð•È,iffBfCEfNfgfŠ,É^Ú"®,·,é,Æ,«,É,íArename  
fRf}f"f'h,íŽg,!,Ü,¹,ñB

**rename** [fhf%ofCfu:][fpfX] ftf@fCf<-¼ 1 ftf@fCf<-¼ 2

**ren** [fhf%ofCfu:][fpfX] ftf@fCf<-¼ 1 ftf@fCf<-¼ 2

**fpf%of** [f^

[fhf%ofCfu:][fpfX] ftf@fCf<-¼ 1

-¼'O,ð•iX,·,é,ftf@fCf<,lèŠ,Æ-¼'O,ðŽw'è,μ,Ü,·B

ftf@fCf<-¼ 2

ftf@fCf<,lV,μ,ç-¼'O A,Ü,½,lfthf%ofCfu,É,Ü,½,é,ftf@fCf<,lV,μ,ç-¼'O,ðŽw'è,μ,Ü,·  
(V,μ,çfhf%ofCfu,Ü,½,lfthf%ofCf<,ðŽw'è,·,é,±,Æ,í,Ä,«,Ü,¹,ñ)B

ŠÖ~A€-Ú

Move

Copy

Xcopy

Rename ,ÉŠÖ,·,é,Ú×í•ñ

Rename--'

Rename---á



### **Rename--'**

**rename ,ÉfCf<fhjllfh,đŽg,κ**

,Ç,¿,ç,©^ê•ù,ìpf%o fllf^,ÉfCf<fhjllfh (\* ,â ?) ,žg,i,Û,·Bftf@fCf<-¼ 2 ,ÁfCf<fhjllfh,đŽg,κ  
,ÆA fCf<fhjllfh,ª•\,•ŕŽš,íAftf@fCf<-¼ 1 ,ìí%ž,·,é•ŕŽš,Æ" ,ŕ,É,È,è,Û,·B

**rename ,íAftf@fCf<-¼ 2 ,ªŠù,É'ŕŕÝ,μ,Ä,ç,é,Æ<@"\,μ,Û,¹,ň**

ftf@fCf<-¼ 2 ,Æ,μ,ÄAŠù,É'ŕŕÝ,μ,Ä,ç,éftf@fCf<-¼,đŽw'è,·,é,ÆAŽŸ,ìf b f ZllfW,ª•\Ž!,ª,è,Û,·B  
ftf@fCf<-¼,ªd•i,μ,Ä,ç,é,©, ,Û,½,íftf@fCf<,ªCE©,Â,©,è,Û,¹,ň.

Rename ,ÉŠÖ,·,éŕŕ×ŕî•ň



Rename---á



Rename





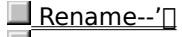
### Rename---á

Ā»Ÿ,ĭffBfĀfNfgfŠ,ĀAŠg'£Žq .TXT ,ā•t,ċ,Ā,ċ,é,·,×,Ā,ĭftf@fCf<-¼,ĭŠg'£Žq,đ•ĭX,μ,½,ċ,Ā  
 %o¼'è,μ,Ū,·B,½,Ā,ĭ,ĭAŠg'£Žq .TXT ,đŠg'£Žq .DOC ,É•ĭX,·,é,É,ĭAŽŸ,ĭfRf}f"fh,đ"ü—ĭ,μ,Ū,·B  
 ren \*.txt \*.doc

CHAP10 ,Ā,ċ,×-¼'O,ĭftf@fCf<,Ū,½,ĭffBfĀfNfgfŠ,ĭ-¼'O,đ PART10 ,É•ĭX,·,é,É,ĭAŽŸ,ĭfRf}f"fh,đ"ü—  
 ĭ,μ,Ū,·B

REN CHAP10 PART10

Rename ,ÉŠÖ,·,éŪŪ×ĭ•ñ



Rename--'



Rename



### Replace

'uŠ·□æffBfCfNfgfŠ,łtf@fCf<,đ□A'uŠ·CE³ffBfCfNfgfŠ,ì"˘,¶-¼'O,łtf@fCf<,É'uŠ·,μ,Ü,·□B,Ü,½□A**replace**,đŽg,Á,Ä'uŠ·□æffBfCfNfgfŠ,É^ê^Ó,łtf@fCf<-¼,đ'Ç%Á,Á,«,Ü,·□B

**replace** [fhf%ofCfu 1:][fpfX 1] ftf@fCf<-¼ [fhf%ofCfu 2:][fpfX 2] [/a] [/p] [/r] [/w]

**replace** [fhf%ofCfu 1:][fpfX 1] ftf@fCf<-¼ [fhf%ofCfu 2:][fpfX 2] [/p] [/r] [/s] [/w] [/u]

### fpf%of□□lf^

[fhf%ofCfu 1:][fpfX 1]ftf@fCf<-¼

'uŠ·CE³,ì'P^è,łtf@fCf<,Ü,½,í·□",łtf@fCf<,ìê□Š,Æ-¼'O,đŽw'è,μ,Ü,·□B

[fhf%ofCfu 2:][fpfX 2]

'uŠ·□æftf@fCf<,ìê□Š,đŽw'è,μ,Ü,·□B'uŠ·,·,éftf@fCf<,łtf@fCf<-¼,đŽw'è,·,é,±,Æ,í,Á,«,Ü,¹,ñ□Bfhf %ofCfu,àffBfCfNfgfŠ,àŽw'è,μ,È,˘,ê,î□ACE»□Ý,łfhf %ofCfu,˘,æ,ŃCE»□Ý,łffBfCfNfgfŠ,á'uŠ·□æ,Æ,μ,ÁŽg,í,ê,Ü,·□B

### /a

Šù"¶,łtf@fCf<,đ'uŠ·,·,é'ã,í,è,É□A'uŠ·□æffBfCfNfgfŠ,É□V,μ,çftf@fCf<,á'Ç%Á,³,ê,Ü,·□B,±,łfXfCfbf` ,đ /s ,Ü,½,í /u fXfCfbf` ,Æ<α,ÉŽg,α,±,Æ,í,Á,«,Ü,¹,ñ□B

### /p

'uŠ·□æftf@fCf<,đ'uŠ·,·,é'O□A,Ü,½,í'uŠ·CE³ftf@fCf<,đ'Ç%Á,·,é'O,É□AŠm" F,đ<□,β,é□fbfZ□[fW,ª·\ Ž,³,ê,Ü,·□B

### /r

□,«□ž,Ý·ÖŽ~ftf@fCf<,à'uŠ·,μ,Ü,·□B,±,łfXfCfbf` ,đŽw'è,¹,,É□',«□ž,Ý·ÖŽ~ftf@fCf<,đ'uŠ·,μ,æ,α ,Æ,·,é,Æ□AfGf%□[.ª"□¶,μ,ÄfRf}f"fh,í'àž~ ,μ,Ü,·□B

### /s

'uŠ·□æffBfCfNfgfŠ,ì,·, x,Ä,łfTfuffBfCfNfgfŠ,đCEŸ□đ,μ□A^è'v,·,éftf@fCf<,đ'uŠ·,μ,Ü,·□B/s fXfCfbf` ,í /a fXfCfbf` ,Æ<α,ÉŽg—p,Á,«,Ü,¹,ñ□B**replace** fRf}f"fh,Á,í□AfpfX 1 ,ÁŽw'è,μ,½fTfuffBfCfNfgfŠ,íCEŸ□đ,μ,¹,ñ□B

### /w

ffBfXfN,ª' }"ü,³,ê,é,Ü,Á'Ò,Á,Ä,©,ç□A'uŠ·CE³ftf@fCf<,đCEŸ□đ,μ,Ü,·□B/w ,đŽw'è,μ,È,˘,ê,î□A**Enter** fL□[,đ %oŸ,μ,½'¼CEä,Éftf@fCf<,ì'uŠ·,Ü,½,í'Ç%Á,ªŽn,Ü,è,Ü,·□B

### /u

'uŠ·□æffBfCfNfgfŠ,ì□A'uŠ·CE³ffBfCfNfgfŠ,łtf@fCf<,æ,è,àCEĀ,çftf@fCf<,¾,˘,đ'uŠ· (□X□V) ,μ,Ü,·□B/u fXfCfbf` ,Æ /a fXfCfbf` ,í<α,ÉŽg—p,Á,«,Ü,¹,ñ□B

ŠÖ~A□€-Ú



**Attrib**  
Replace ,ÉŠÖ,·,é□Ú□×□î·ñ



**Replace--'□**



**Replace---á**



## Replace--'

### replace ,lfbfzfw

replace ,É,æ,èftf@fCf<,ð'Ç%Á,Ü,½,í'uŠ,·,é,½,Ñ,É□A,» ,lftf@fCf<-¼,ð%æ-È,É•Ž!,μ,Ü,·□Breplace  
fRf}f"fh,³□I-¹,·,é,Æ□AZÿ,ì,Ç,¿,ç,©,ìCE`Ž®,Á'€□ì,ì-v-ñ,ª•Ž!,³,ê,Ü,·□B

nnn CEÁ,lftf@fCf<,ð'Ç%Á,μ,Ü,μ,½  
nnn CEÁ,lftf@fCf<,ð'u,«Š,·,ì,Ü,μ,½

'Ç%Á,·,éftf@fCf<,í, ,è,Ü,¹,ñ  
'u,«Š,·,ì,éftf@fCf<,í, ,è,Ü,¹,ñ

### ftf fbf s fffBfXfNã,lftf@fCf<,ð'uŠ,·,é

ftf fbf s fffBfXfN,ðŽg,Á,Ä replace '€□'†,ÉfffBfXfN,ðCEðŠ,·,é□è□‡,í□A•K-v,É  
%ož,¶,ÄfffBfXfN,ðCEðŠ,·,é,Ü,Ä replace ,ª'Ö<@,·,é,æ,π,É□A/w fXfCbf` ,ðŽw`è,Ä,« ,Ü,·□B

### replace ,ÉŠÖ,·,é□§CEAZ-□€

replace fRf}f"fh,ðŽg,Á,Ä□A%B,μftf@fCf<,Ü,½,íVfXfef€ ftf@fCf<,ðX□V,·,é,±,Æ,í,Ä,« ,Ü,¹,ñ□B  
%oB,μ'®□« ,Ü,½,íVfXfef€'®□« ,ð•í□X,·,é•ú-@,É,Ä,ç,Ä,í□Aattrib fRf}f"fh,ðŽQ□Æ,μ,Ä,,¾,¾,ç□B

### replace ,ì□I-¹fR□fh

Žÿ,É□A□I-¹fR□fh,Æ,» ,ì^Ó-i,ðŽ!,μ,Ü,·□B

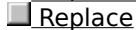
- 0 ftf@fCf<,í³□í,É'uŠ,·,Ü,½,í'Ç %Á,³,ê,½□B
- 1 "K□Ø,Ä,È,çfo□fWf ‡f",ì MS-DOS ,ªŽg,í,è,Ä,ç,½□B
- 2 'uŠ•CE³ftf@fCf<,³CE ©,Ä,©,ç,È,©,Á,½□B
- 3 'uŠ•CE³,Ü,½,í'uŠ•□ æ,lfpfX,³CE©,Ä,©,ç,È,©,Á,½□B
- 5 'uŠ,μ,½,çftf@fCf<,É'í,·,éAfNfZfXCE ,ª,È,©,Á,½□B
- 8 f□f,fŠ•s'« ,ì,½,ßfRf} f"fh,ðŽÀ□s,Ä,« ,È,© ,Á,½□B
- 11 fRf}f"fh f%ofCf" ,ì□ •¶,ªŠÖ^á,Ä,Ä,ç ,é□B

fofbf` ftf@fCf<,ì if fRf}f"fh,Ä errorlevel fpf%of□□f^ ,ðŽg,π,Æ□Areplace ,©,ç•Ö,³,ê,é□I-¹fR□fh,ð□^ -□,Ä,« ,Ü,·□B□I-¹fR□fh,ð□^ -□,·,éfofbf` ftf@fCf<,ì-á,É,Ä,ç,Ä,í□Aif fRf}f"fh,ðŽQ□Æ,μ,Ä,,¾,¾,ç□B

Replace ,ÉŠÖ,·,é□Ú□×□î•ñ



Replace---á



Replace





**Replace---**

PHONES.CLI ,É,ÍĎÚ<q-¼,Æ“d~b”Ô□†,ª“ü,Á,Ä,¨,è□Afhf%ofCfu C  
,ì•;□”,ìffBfĎfNfgfŠ,É^Ù,È,éfo□[fWf†f“,ìftf@fCf< PHONES.CLI ,ª“ü,Á,Ä,†,é,Æ%¼’è,μ,Û,·□B,±  
,ê,ç,ì,·,×,Ä,ìftf@fCf<,ð□Afhf%ofCfu A ,ìffBfXfN,©,ç,Ì PHONES.CLI  
ftf@fCf<,ì□Å□Vfo□[fWf†f“,É’uŠ·,·,é,É,Í□AZÿ,ìfRf}f“fh,ð“ü—í,μ,Û,·□B

**replace a:\phones.cli c:\ /s**

fhf%ofCfu C ,ìffBfĎfNfgfŠ TOOLS ,É,Í□AŠù,Éf□□[fh fvf□fZfbfT—p,ì•;□”,ìfvfŠf“f^ fffofCfX fhf  
%ofCfo,ª“ü,Á,Ä,†,Û,·□B,±,ìffBfĎfNfgfŠ,É□V,μ,†fvfŠf“f^ fffofCfX fhf%ofCfo,ð’Ç%Á,μ,½,†,Æ  
%¼’è,μ,Û,·□B,» ,ì,½,ß,É,Í□AZÿ,ìfRf}f“fh,ð“ü—í,μ,Û,·□B

**replace a:\*.prd c:\tools /a**

,±,ìfRf}f“fh,Å,Í□Afhf%ofCfu A ,ìĎ»□Ÿ,ìffBfĎfNfgfŠ,Å□AŠg’£Žq .PRD ,ª•t,†,Ä,†  
,éftf@fCf<,ªĎÿ□ð,ª,é□A,±,ê,ç,ìftf@fCf<,ªfhf%ofCfu C ,ìffBfĎfNfgfŠ TOOLS ,É’Ç%Á,ª,è,Û,·□B/a  
fXfCfbf ,ªŽw’è,ª,è,Ä,†,é,ì,Å□Afhf%ofCfu A ,©,ç,Ì□Afhf%ofCfu C ,É’¶□Ÿ,μ,È,†ftf@fCf<,¾,¨,ª’Ç  
%Á,ª,è,Û,·□B

Replace ,ÉŠÖ,·,é□Ú□×□î•ñ



Replace--'



Replace



## Restore

MS-DOS ,ì **backup** fRf}f“fh,ðŽg,Á,ÄfofbfNfAfbfv,μ,½ftf@fCf<,ð•œCE³,μ,Û,·□B

**restore** fhf%oofCfu 1: fhf%oofCfu 2:[fpfX[ftf@fCf<-¼]] [/s] [/p] [/b:“ú•t] [/a:“ú•t] [/e:Žž□□] [/l:Žž□□] [/m] [/n] [/d]

**fpf%of□□[f^**

fhf%oofCfu 1:

fofbfNfAfbfv ftf@fCf<,“Ši”[ ,³,è,Ä,ç,éfhf%oofCfu,ðŽw’è,μ,Û,·□B

fhf%oofCfu 2:

fofbfNfAfbfv ftf@fCf<,“œCE³,³,è,éfhf%oofCfu,ðŽw’è,μ,Û,·□B

fpfX

fofbfNfAfbfv

ftf@fCf<,“œCE³,³,è,éfffBfCEfNfgfŠ,ðŽw’è,μ,Û,·□Bftf@fCf<,ìfofbfNfAfbfvCE³,Æ“~ ,ñfffBfCEfNfgfŠ,ðŽw’è,μ,Ä, ,¾,³,ç□B

ftf@fCf<-¼

•œCE³,μ,½,çfofbfNfAfbfv ftf@fCf<,ì-¼’O,ðŽw’è,μ,Û,·□B

/s

, , x, Ä, ìTfufffBfCEfNfgfŠ,“œCE³,³,è,Û,·□B

/p

□ , «□ž, Ý<ÖŽ~ , ì (□ , «□ž, Ý<ÖŽ~ ‘ @□« , “Ý’è , ³, è, Ä, ç, é) ftf@fCf<□A, Û, ½, í’O

%oñ, ìfofbfNfAfbfv^È□~ , É□X, “ , Ä, ½ (fofbfNfAfbfv @□« , “Ý’è , ³, è, Ä, ç, é) ftf@fCf<,ð•œCE³ , , é<-

%oÄ, ð<□, ß, éf□fbfZ□[fW, “Ž! , ³, è, Û, ·□B

/b:“ú•t

Žw’è, μ, ½“ú•t^È’O, É□ÄCEä, É□C□³,³,è, ½ftf@fCf<, ì, Ý•œCE³, μ, Û, ·□B“ú•t, ðŽw’è, , é•ù-@, É, Ä, ç, Ä, í□Adate fRf}f“fh, ðŽQ□Æ, μ, Ä, , ¾, ³, ç□B

/a:“ú•t

Žw’è, μ, ½“ú•t^ÈCEä, É□ÄCEä, É□C□³,³,è, ½ftf@fCf<, ì, Ý•œCE³, μ, Û, ·□B“ú•t, ðŽw’è, , é•ù-@, É, Ä, ç, Ä, í□Adate fRf}f“fh, ðŽQ□Æ, μ, Ä, , ¾, ³, ç□B

/e:Žž□□

Žw’è, μ, ½ŽžŠÔ^È’O, É□ÄCEä, É□C□³,³,è, ½ftf@fCf<, ì, Ý•œCE³, μ, Û, ·□BŽž□□, ðŽw’è, , é•ù-@, É, Ä, ç, Ä, í□Atime fRf}f“fh, ðŽQ□Æ, μ, Ä, , ¾, ³, ç□B

/l:Žž□□

Žw’è, μ, ½Žž□□^ÈCEä, É□ÄCEä, É□C□³,³,è, ½ftf@fCf<, ì, Ý•œCE³, μ, Û, ·□BŽž□□, ðŽw’è, , é•ù-@, É, Ä, ç, Ä, í□Atime fRf}f“fh, ðŽQ□Æ, μ, Ä, , ¾, ³, ç□B

/m

’O%oñ, ìfofbfNfAfbfv^È□~ , É□C□³,³,è, ½ftf@fCf<, ì, Ý•œCE³, μ, Û, ·□B

/n

•œCE³□æ, É“ñ□Ý, μ, È, çftf@fCf<, ¾, ~ , “œCE³,³,è, Û, ·□B

/d

ŽÄ□Û, É, í□Aftf@fCf<, í•œCE³, μ, È, ç, Ä□AfofbfNfAfbfv fffBfXfN□ä, ìftf@fCf<-¼, ÄŽw’è, μ, ½-

¼’O, É^è’v, , éftf@fCf<, ì^è— , ð•Ž! , μ, Û, ·□Bftf@fCf<,ð•œCE³, μ, È, ç□è□‡, Ä, à□A/d , ðŽg, “è□‡, ìfhf%oofCfu 2

,đŽw'è,μ,Ä,,¾,³,ϕ□B

Restore ,ÉŠÖ,·,é□Ú□×□î•ñ

Restore--'□

Restore---á



### Restore--'

•œŒ³,³,ê,½ftf@fCf<,ðŠm" F,·,é

ftf@fCf<,³,ê,½,ç□Adir ,Ü,½,í type fRf}f"fh,ðŽg,Á,Ä□Aftf@fCf<,³,µ,•œŒ³,³,ê,½,±,Æ,ðŠm" F,Ä,«,Ü,·□B

^È'O,ìfo□[fWf#f",ìfofbfNfAfbfv,Æ,ìŒÝŠ·□«

Windows NT ,ì restore fRf}f"fh,í□A^È'O,ì,ç,©,È,éfo□[fWf#f",ì MS-DOS ,ì backup fRf}f"fh,ÄfofbfNfAfbfv,³,ê,½ftf@fCf<,à•œŒ³,³,Ä,«,Ü,·□B

### Restore ,ìI—¹fR□[fh

ŽŸ,É□A□I—¹fR□[fh,Æ,» ,ì^Ó-i,ðŽ!,µ,Ü,·□B

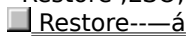
- 0 fRf}f"fh,³□³□í,É•œŒ³,³,ê,½□B
- 1 •œŒ³,·,éftf@fCf<,³Œ©,Á,©,ç,È,©,Á,½□B
- 3 ft□[fU□[.³ Ctrl + C fL□[,ð %œŸ,µ,Ä□AZÀ□s,ð'â Ž~,µ,½□B
- 4 fGf %œ□[.É,æ,èŽÀ□s,³' âŽ~,µ,½

fofbf` ftf@fCf<,ì if fRf}f"fh□ã,Á errorlevel fpf%of□□[f^,ðŽg,æ,Æ□Arestore ,©,ç•Ö,³,ê,é□I—¹fR□[fh,ð□^—□,Ä,«,Ü,·□B

### fofbfNfAfbfv ftf@fCf<-¼,ð^ê—•Ž!,·,é

fofbfNfAfbfv,³,ê,½ftf@fCf<,ì^ê—,ð•Ž!,·,é,É,í□A/d fXfCfbf`,ðŽg,ç,Ü,·□Bftf@fCf<-¼,Æ<æ,É /d fXfCfbf` ,ðŽw'è,·,é,Æ□AfofbfNfAfbfv,³,ê,½ftf@fCf<,ì,æ,¿□AZw'è,µ,½-¼'O,É^è'v,·,éftf@fCf<,ì^ê—,³•Ž!,³,é,Ü,·□B/d fXfCfbf` ,ðŽg,ì,í□Aftf@fCf<,íŽÀ□Ú,É,í•œŒ³,³,ê,Ü,¹,ñ□B

Restore ,ÉŠÖ,·,é□Ú□×□î•ñ



Restore---á



Restore





### Restore---á

ftf@fCf< INVEST.MNT ,ð□Afhf%ofCfu A ,lfofbfNfAfbfv fffBfXfN,© ,çfhf%ofCfu C ,lfffBfCefNfgfŠ IRS ,É•œCE³ , ,é,É,Í□AZÿ,lfrf}f“fh,ð“ü—Í,μ,Û,·□B

#### restore A: C:\IRS\INVEST.MNT

fobfbfNfAfbfv fffBfXfN,ðfhf%ofCfu A ,É’}“ü,·,é,æ,π,É<□,ß,é□fbfZ□[fW,ª•\Ž|,³,è,Û,·□BfobfbfNfAfbfv fffBfXfN,ðfhf%ofCfu A ,É’}“ü,μ,½,ç□AEnter fL□[,ð%Ÿ,μ,Ä’€□i,ð’±□s,μ,Û,·□B

fhf%ofCfu C ,lfffBfCefNfgfŠ \USER\ADAMS ,lftf@fCf<,ð,·,×,ÄfobfbfNfAfbfv,μ,½,Æ%¼’è,μ,Û,·□B,± ,é,ç,lftf@fCf<,ð•œCE³ , ,é,É,Í□Afhf%ofCfu A ,ÉfobfbfNfAfbfv fffBfXfN,ð’}“ü,μ,Ä□AZÿ,lfrf}f“fh,ð“ü—Í,μ,Û,·□B

#### restore A: C:\USER\ADAMS\\*.\*

ftf@fCf<-¼,Æ,μ,Ä \*.\* ,ðŽw’è,·,é,±,Æ,ª□d—v,Ä,·□B\*.\* ,ðŽw’è,μ,È,¯,è,î□Arestore fRf}f“fh,lfffBfCefNfgfŠ USER ,Åftf@fCf< ADAMS ,ð•œCE³,μ,æ,π,Æ,μ,Û,·□B

fhf%ofCfu A ,lfofbfNfAfbfv fffBfXfN,© ,çfn□[fh fffBfXfN’S’ì,ð•œCE³ , ,é,É,Í□AZÿ,lfrf}f“fh,ð“ü—Í,μ,Û,·□B

#### restore A: C:\\*.\* /s

/s fXfCfbf` ,Æf□fCf<fhfj□[fh (\*.\*),Í□Arestore ,É’í,μ,Ä□A,·,×,Ä,lfofbfNfAfbfv ftf@fCf<,ðfhf%ofCfu C ,ìCE³,lfffBfCefNfgfŠ,ÆfTfuffBfCefNfgfŠ,É•œCE³ , ,é,æ,π,ÉŽw’è,μ,Û,·□B

Restore ,ÉŠÖ,·,é□Ú□×□î•ñ



Restore--’□



Restore



### **Rmdir (Rd)**

ffBfĀfNfgfŠ,đíœ,μ,Û,·B

**rmdir** [fhf%ofCfu:] fpfX [/s]

**rd** [fhf%ofCfu:] fpfX [/s]

**fpf%of** [f^

[fhf%ofCfu:] fpfX

íœ,·,éffBfĀfNfgfŠ,ìêŠ,Æ-¼'O,đŽw'è,μ,Û,·B

/s

Žw'è,μ,½ffBfĀfNfgfŠ,Æ,»,ì,·,×,Ä,ìTfuiffBfĀfNfgfŠ,đA,»,ì't,ì,·,×,Ä,ìtf@fCf<,àŠÛ,ß,Äíœ,μ,Û,·BffBfĀfNfgfŠ fcfŠ[.đíœ,·,é,½,ß,ÉŽg,t,Û,·B

ŠÖ~A€-Ú

Mkdir

Dir

Attrib

Rmdir ,ÉŠÖ,·,éÚ×î•ň

Rmdir--

Rmdir---á



**Rmdir--'**

**%oB,μftf@fCf<,Ü,½,lfVfXfef€ ftf@fCf<,ª“ü,Á,Ä,č,éfffBfCEfNfgfŠ,đíœ,·,é,±,Æ,Í,Á,«,Ü,¹,ňB**

**%oB,μftf@fCf<,Ü,½,lfVfXfef€ ftf@fCf<,đŠÜ,β,ÄAfTf@fCf<,ª“ü,Á,Ä,č,éfffBfCEfNfgfŠ,đíœ,·,é,±,Æ,Í,Á,«,Ü,¹,ňBíœ,μ,æ,±,Æ,·,é,ÆAŽŸ,lf[]fbfz[]fW,ª·Ž!,³,ê,Ü,·B**

**fffBfCEfNfgfŠ,í<ó,Á,Í,·,è,Ü,¹,ň**

**dir fRf}}f“fh,đŽg,č%oB,μftf@fCf<,ÆfVfXfef€ ftf@fCf<,đ^ê—·Ž!,³,¹Aattrib fRf}}f“fh,đŽg,Á,Äftf@fCf<,ì**

**%oB,μ’®[]«,ÆfVfXfef€’®[]«,đíœ,μ,Ü,·BÜx,É,Á,č,Ä,ÍA,»è,¼,è,ÌfRf}}f“fh,đŽQ[]Æ,μ,Ä,,¼,³,čB**

**fpx fpx%of[]f^,É%~<L[]t,đŽg,±**

**fpx,ì[]Á[]%,ìfffBfCEfNfgfŠ-¼,ì'O,É%~<L[]t (\) ,đ' }“ü,·,é,ÆA,»ìfffBfCEfNfgfŠ-¼,íAÆ»[]Ý,ìfffBfCEfNfgfŠ,ÉŠÖCEW,È,[]Af<[]fg fffBfCEfNfgfŠ,ìTfuffffBfCEfNfgfŠ,Æ,μ,Ä^—**

**[],³,è,Ü,·Bfpx,ì[]Á[]%,ìfffBfCEfNfgfŠ-¼,ì'O,É**

**%o~<L[]t,đ' }“ü,μ,È,·,è,íA,»ìfffBfCEfNfgfŠ,ìCE»[]Ý,ìfffBfCEfNfgfŠ,ìTfuffffBfCEfNfgfŠ,Æ,μ,Ä^—[],³,è,Ü,·B**

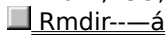
**CE»[]Ý,ìfffBfCEfNfgfŠ,đíœ,·,é**

**rmdir ,đŽg,Á,ÄCE»[]Ý,ìfffBfCEfNfgfŠ,ííœ,Á,«,Ü,¹,ňB[]Á[]%,ÉA·Ê,ìfffBfCEfNfgfŠ**

**(CE»[]Ý,ìfffBfCEfNfgfŠ,ìTfuffffBfCEfNfgfŠ^ÈŠO) ,É·ì[]X,μ,Ä,©,ç[]Afpx,Æ<±,É rmdir ,đŽg,č,Ü,·BCE»[]Ý,ìfffBfCEfNfgfŠ,đíœ,μ,æ,±,Æ,·,é,ÆAŽŸ,ìCE`Ž@,Äf[]fbfz[]fW,ª·Ž!,³,ê,Ü,·B**

**CE»[]Ý,ìfffBfCEfNfgfŠ,đíœ,μ,æ,±,Æ,μ,Ü,μ,½. - <fhf%ofCfu>:<fpx>**

**Rmdir ,ÉŠÖ,·,é[]Üx[]t·ñ**



Rmdir--—á



Rmdir



**Rmdir---**

ffBfCfNfgfŠ \USER\SMITH ,đíœ, ,é,É,íAĀ%o,ÉŽŸ,ì•¶,ì,æ,x,É,μ,ĀA,» ,đffBfCfNfgfŠ,ăó,Ā, ,é,± ,Æ,đŠm”F,μ,Û,·B

**dir \user\smith /a**

"." ; ,æ,Ń ".." <L+ ,¼, , ,a•\Ž| ,³,é,é,í, ,.Ā,·B

ŽŸ,É\A\USER\SMITH ^ÈŠÖ,ì”C^Ó,đffBfCfNfgfŠ, ©,çAŽŸ,ìRf}f”fh,đ“ü—í,μ,Û,·B

**rmdir \user\smith**

ffBfCfNfgfŠ \USER ,ÆA,» ,ì, ,x,Ā,ìftf@fCf< ,ÆfTfuđffBfCfNfgfŠ,đíœ, ,é,É,íAŽŸ,ì,æ,x,É“ü—í,μ,Û,·B

**rmdir /s \user**

Rmdir ,ÉŠÖ, ,éÚ×î•ň



Rmdir--'



Rmdir



**Set**

Windows NT ,iŠÅ««•i□",đ•\Ž!□A□Ý'è□A,Ü,½,í□í□œ,μ,Ü,·□B

ŠÅ««•i□",đŽg,Á,Ä□Afofbf` ftj@fCf<,ì"®□ì,đ□\$CEä,μ,½,è□AWindows NT ,Æ MS-DOS ftfufVfXfefè  
,ì□ó'Ô,Æ<@"\,đ□\$CEä,μ,Ü,·□B'½,,ì□é□#□Aset fRf}f"fh,đ AUTOEXEC.NT  
ftj@fCf<,Žg,Á,Ä□AŠÅ««•i□",đ□Ý'è,μ,Ü,·□B

**set** [•i□"-¼ = [•¶Žš—ñ]]

**fpf%of□□[f^**

,È,μ

fpf%of□□[f^,đ•t,¯,·,É **set** ,đŽg,Æ,AE□ACE»□Ý,ìŠÅ««□Ý'è,ª•\Ž!,³,ê,Ü,·□B

•i□"-¼

□Ý'è,Ü,½,í□C□³,μ,½,¢•i□",đŽw'è,μ,Ü,·□B

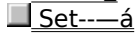
•¶Žš—ñ

Žw'è,μ,½•i□",ÉŠÖ~A•t,¯,½,¢•¶Žš—ñ,đŽw'è,μ,Ü,·□B

Set ,ÉŠÖ,·,é□Ú□×□î•ñ



Set--'□



Set--—á



### Set--'

CE»Ÿ,İŠĂ«Ÿ'è,ð•\Ž!,•,é

set fRf}f"fh,ð'P'Æ,Ä"ü—í,•,é,ÆACE»Ÿ,İŠĂ«Ÿ'è,ð•\Ž!,•,é,Ü,•B^è"É,ÉA,±,ê,ç,İŸ'è,É,İAWindows NT ,ÄffBfXfNä,İfvfOf%œ,ðCEŸö,μ,â,•,ç,æ,κ,ÉŽg,í,ê,éŠĂ«•İ" **comspec** ,•,æ,Ń **path** ,Žw'è,•,ê,Ä,ç,Ü,•B,±,ì,Ü,©,ÉAWindows NT ,Ä,Í **prompt** ,•,æ,Ń **dircmd** ,Æ,ç,κ 2 ,Ä,İŠĂ«•İ",Žg,í,ê,Ü,•B

fpf%of[f^,ðŽg,κ

set fRf}f"fh,ðŽg,Ä,Ä"İ",Æ•ŸŽš—ñ,ðŽw'è,•,é,ÆAZw'è,μ,½•İ",ðŠĂ««É'Ç%Á,•,êA,»,İ•İ",É•ŸŽš—ñ,ðŠÖ~A•t,•,ç,ê,Ü,•BŠĂ««ÉŠù,É•İ",ð'ŸŸ,•,ééê±,İAV,μ,ç•ŸŽš—ñ,ÄCEÄ,ç•ŸŽš—ñ,ð'uŠ,•,ê,Ü,•B  
set fRf}f"fh,Ä (•ŸŽš—ñ,ðŽw'è,•,é) •İ",Æ"™ ±,¾,•,ðŽw'è,•,é,ÆA,»,İ•İ",ÉŠÖ~A•t,•,ç,ê,½•ŸŽš—ñ,ð (•İ",ð'ŸŸ,μ,ê,•,é,æ,κ,É) fNfŠfA,•,ê,Ü,•B

fofbf`ftf@fCf<,Ä set ,ðŽg,κ

fofbf`ftf@fCf<,ðİİ-,•,é,ÆAset fRf}f"fh,ðŽg,Ä,Ä"İ",ðİİ-,μA%0 ,©,ç %9 ,İ"Ô±•t,«•İ",Æ"— İ,ÉŽg,κ,±,Æ,Ä,Ä,Ü,•B,Ü,½A%0 ,©,ç %9 ,İ•İ",ðAset fRf}f"fh,İ"ü—í,Æ,μ,ÄŽg,κ,±,Æ,à,Ä,«,Ü,•B

fofbf`ftf@fCf<,©,ç set •İ",ðCEÄ,Ńo,•

, ,é•İ"l,ðfofbf`ftf@fCf<,©,çCEÄ,Ńo,•,É,İA,»,İ'l,ðfp[fZf"fg<L± (%),Ä^í,Ü,ê,•,ê,İ,ê,è,Ü,•,ñB,½,Æ,İ,İAfofbf`ftf@fCf<,ÄŠĂ«•İ" **baud** ,ðİİ-,•,ê,ééê±,İAfrf}f"fh f %ofCf",É %baud% ,ð' }"ü,•,é,ÆAbaud ,ÉŠÖ~A•t,•,ç,ê,½•ŸŽš—ñ,ð'u,«Š,İ%oÄ"Ÿpf%of[f^ ,Æ,μ,ÄŽg —p,Ä,«,Ü,•B

Set ,ÉŠÖ,•,éÚ×îñ



Set---á



Set



**Set---**

• `set -> C:\INC (fhf%ofCfu C ä,iffBfCEfNfgfŠ INC) ,šÖ~A•t, ,ç,ê,é,æ,æ,ÉAŠÂ«•i” include ,ðY’è, ,é,É,íAZÿ,ìRf}f”fh,ð”ü—í,µ,Ü, .B`

**set include=c:\inc**

`Žÿ,ÉAinclude ,Æ,ç,æ-¼’O,ðfp[fzf”fg<L+t (%) ,Å^í,p,ÆAfofbf`ftf@fCf<,Å•Žš—ñ C:\INC ,ðŽg,æ,± ,Æ,â,Å,«,Ü, .B,½,Æ,i,íAinclude ŠÂ«•i” ,ÉŠÖ~A•t, ,ç,ê,½ffBfCEfNfgfŠ,ì”à—e,ð•Ž|, ,é,½,ß,ÉAfofbf`ftf@fCf<,ÉŽÿ,ìRf}f”fh,ðŽw’è,Å,«,Ü, .B`

**dir %include%**

`,±,ìRf}f”fh,â^—,³,ê,é,ÆA•Žš—ñ C:\INC ,Å %include% ,â’uŠ,³,ê,Ü, .B  
,à,æ 1 ,Å,ìŽg,ç•û,Æ,µ,ÄAZÿ,ì—á,ì,æ,æ,ÉAV,µ,çffBfCEfNfgfŠ,ð path ŠÂ«•i” ,É’Ç%oÁ, ,éfofbf`ftf@fCf<,ÅAset fRf}f”fh,ðŽg—p,Å,«,Ü, .B`

`@echo off  
rem ADDPATH.BAT ,í path ŠÂ«•i” ,É  
rem V,µ,çffBfCEfNfgfŠ,ð’Ç%oÁ,µ,Ü, .  
set path=%1;%path%  
set`

`Set ,ÉŠÖ, ,éÜxî•ñ`



`Set--’`



`Set`



### Setlocal

fofbf` ftj@fCf<'†,ÅŠÂ««•ï",ìf□□[fjf%ofCfY,đŠJŽn,μ,Ü,·□BŠe **setlocal** ,É,í□A**endlocal** fRf}f"fh,đ'í  
%ož,<sup>3</sup>,<sup>1</sup>Ä□AŠÂ««•ï",đĚ<sup>3</sup>,É-β,<sup>3</sup>È, -,ê,î,È,è,Ü,<sup>1</sup>,ň□B

### setlocal

ŠÖ~A□€-Ú



### Endlocal

Setlocal ,ÉŠÖ,·,é□Ú□×□î•ň



### Setlocal--'□



### Setlocal---á





**Setlocal--'**

**Setlocal** ,đŽg,æ,Æ Afofbf` ftj@fCf<,iŽÀs't,i,Y,É—

LC∅,ÉŠÂ«•İ” ,i•İX,â,Â,«,Ü,·BŠÂ«•İ” ,íA**endlocal** fRf}f“fh,đŽÀs,·,é,±,Æ,ÂACE³,i'É-  
β,³,ê,Ü,·**Bendlocal** fRf}f“fh,đŽg,í,,Éfofbf` ftj@fCf<,đI—¹,·,é,ÆAŠÂ«•İ” ,íCE³,i'É-β,³,ê,Ü,¹,ñB

'P^ê,i,fofbf` ftj@fCf<,Â•;” ,i **setlocal** / **endlocal** fRf}f“fh,đÄA“l,ÉŽg—p,Â,«,Ü,·B

Setlocal ,ÉŠÖ,·,éÚ××î•ñ



Setlocal



Setlocal---á



### Setlocal---á

fofbf` ftj@fCf<,ÁŠÁ<<•ï" ,ðf[]fj%ofCfY, ,é,±,Æ,ª,Á,«,Ü,·B

@echo off

rem ,±,lfvf[]fOf%of€,íflfbfgf[]fN,Á superapp ,Æ,ç,xfofbf` ftj@fCf<,ð<N"® ,µ,Ä,

rem CE<%oË,ðftj@fCf<,Éo—Í,µ,½CEãANotepad ,Á

rem ftj@fCf<,ð•Ž!,µ,Ü,·

setlocal

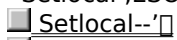
path=g:\programs\superapp;%path%

call superapp>c:\superapp.out

endlocal

start notepad c:\superapp.out

Setlocal ,ÉŠÖ,·,éÚ×î•ñ





### Setver

MS-DOS ftufVfXfef€ ,fvf[]Of%of€ ,Éf[]f[]fg ,· ,é MS-DOS ,ìfo[]fWf#f"" Ó[]t,ð[]Ý'è,µ,Ü,·[]B

**setver** [fhf%ofCfu:fpfX][ftf@fCf<-¼ n.nn]

**setver** [fhf%ofCfu:fpfX][ftf@fCf<-¼ [/delete [/quiet]]]

Œ»[]Ý,ìfo[]fWf#f"" fe[]fuf<,ð·\Ž!,· ,é,É,í[]AŽÝ,ì[]\·¶,ðŽg,ç,Ü,·[]B

**setver** [fhf%ofCfu:fpfX]

### fpf%of[]f^

[fhf%ofCfu:fpfX]

**setver**.EXE ftf@fCf<,ì[]ê[]Š,ðŽw'è,µ,Ü,·[]B

ftf@fCf<-¼

fo[]fWf#f"" fe[]fuf<,É'Ç%oÁ,µ,½,çfvf[]Of%of€ ftf@fCf< (.EXE ,Ü,½,í .COM) ,ì-¼'O,ðŽw'è,µ,Ü,·[]Bf[]fCf<fhfj[]fh (\* ,Ü,½,í ?) ,íŽg,ì,Ü,¹,ñ[]B

n.nn

Žw'è,µ,½fvf[]Of%of€ ftf@fCf<,É'í,µ,Ä[]AMS-DOS fvXfef€ ,fvf[]f[]fg ,· ,é MS-DOS fo[]fWf#f"" (3.3 ,Ü,½,í 4.01 ,È,Ç) ,ðŽw'è,µ,Ü,·[]B

### /delete

Žw'è,µ,½fvf[]Of%of€ ftf@fCf<,ÉŠÖ,· ,éfo[]fWf#f"" fe[]fuf<,ìfGf""fgfŠ,³[]í[]œ,³,è,Ü,·[]B,±,ìfXfCfbf` ,ì[]È—³Œ` ,Æ,µ,Ä /d ,ðŽg,±,±,Æ,³,Ä,«,Ü,·[]B

### /quiet

fo[]fWf#f"" fe[]fuf<,©,çfGf""fgfŠ,ð[]í[]œ,· ,é,Æ,«,ìf[]fbfZ[]fW,í·\Ž!,³,è,Ü,¹,ñ[]B

Setver ,ÉŠÖ,· ,é[]Ú[]×[]î·ñ





## Setver--'

### fo[fWf#f" fe[fuf<,dZg,κ

^È'O,ìfo[fWf#f",ì MS-DOS ,Á"®ì,·,é,æ,κ,ÉÝCEv,³,è,Ä,ç,éfvf[fOf%of€,ì'½,,íAWindows NT  
 ,Ä,à³í,É"®ì,μ,Ü,·B,½,¾,μAfvf[fOf%of€,É,æ,Ä,Ä,í,»,ì-¼'O,ðfo[fWf#f"  
 fe[fuf<,ÉZw'è,·,é,Ü,Ä³í,É"®ì,μ,È,ç,±,Æ,ª,è,Ü,·Bfe[fuf<,ìfvf[fOf%of€,É'í,μ,ÄAMS-DOS  
 ftfuVfXfef€,ÄŽÀs't,Ä, ,Ä,Ä,àA-{-^ÝCEv,³,è,½ MS-DOS fo[fWf#f",ÄŽÀs't,Ä, ,é,±  
 ,Æ,ð'm,ç,¹,Ü,·Bfvf[fOf%of€,É MS-DOS fo[fWf#f" 5.0 ,ð,»,è^È'O,ìfo[fWf#f",Ä, ,é,Æ%ðŽB,³,¹,é,±  
 ,Æ,É,æ,èAfvf[fOf%of€,í³í,É"®ì,·,é,í,·,Ä,·B,½,¾,μAfvf[fOf%of€,É Windows NT  
 ,Æ,ìCEÝŠ·«,ª,È,·,è,íAsetver ,ðŽÀs,μ,Ä,à-à'è,í%ðCE^,³,è,Ü,¹,ñB

### fo[fWf#f" fe[fuf<,ðf,fŠ,É"Ç,Ýž,þ

setver fRf}f"fh,ðŽg,κ'O,ÉACONFIG.NT ftf@fCf<,Ä device fRf}f"fh,ðŽg,Ä,ÄAfo[fWf#f"  
 fe[fuf<,ðf,fŠ,É"Ç,Ýž,ñ,Ä,¾,¾,çB

### fo[fWf#f" fe[fuf<,ðXV,μ,½CEä,ÄÄN"®,·,é

fGf"fgfŠ,ð'Ç%Á,Ü,½,ííœ,μ,Äfo[fWf#f" fe[fuf<,ðXV,μ,½,çAV,μ,çfRf}f"fh fvf"fvfg  
 fZfbVf#f",ðŠŽn,μ,ÄAfo[fWf#f" fe[fuf<,ðÄ,Ñ"Ç,Ýžæ,Ä,Ä,¾,¾,çB

### Šù'¶,ìfGf"fgfŠ,ðXV,·,é

Šù,Éfo[fWf#f" fe[fuf<,É"ü,Ä,Ä,ç,éftf@fCf<-  
 ¼,ðŽw'è,·,é,ÆAV,μ,çfGf"fgfŠ,ÄŠù'¶,ìfGf"fgfŠ,ª'uŠ,³,è,Ü,·B

### setver ,ìl-¹fR[fh

ŽŸ,ÉA-l-¹fR[fh,Æ,»,ì^Ó-j,ðŽ!,μ,Ü,·B

- 0 fRf}f"fh,ª³í,É  
l-¹,μ,½B
- 1 -³CEø,ÉfRf}f"fh  
fXfCfbf` ,ªŽw'è,³,  
è,Ä,ç,éB
- 2 -³CEø,Éftf@fCf<-  
¼,ªŽw'è,³,è,Ä,ç  
,éB
- 3 f,f,š·s'«,ì,½,ßf  
Rf}f"fh,ðŽÀs,Ä  
,«,È,©,Ä,½B
- 4 fo[fWf#f""Ôt,ª  
-  
³CEø,ÈCE`Ž®,ÄŽ  
w'è,³,è,Ä,ç,éB
- 5 Žw'è,μ,½fGf"fgf  
Š,ªfo[fWf#f"  
fe[fuf<,ÉCE©,Ä,  
©,ç,È,©,Ä,½B
- 6 SETVER.EXE  
ftf@fCf<,ªCE©,Ä,  
©,ç,È,©,Ä,½B
- 7 -³CEø,Éfhf

- 8      %fCfu,Žw'è,³,  
è,Ä,ç,éB
- 9      Žw'è,³,è,½fRf}f  
"fh f%fCf" fpf  
%f[]f^,³½,·,  
-,éB
- 10     fRf}f"fh f%fCf"  
fpf  
%f[]f^,³s'«,  
μ,Ä,ç,éB
- 11     SETVER.EXE  
ftf@fCf<,ì"Ç,ÝŽ  
æ,è't,ÉfGf  
%[][,³CEÿ[]o,³,è,  
½B
- 12     SETVER.EXE  
ftf@fCf<,³"j'¹,μ,Ä  
,ç,éB
- 13     Žw'è,μ,½  
SETVER.EXE  
,Ä,ífo[]fWf#"  
fe[]fuf<,³fTf|  
[]fg,³,è,Ä,ç  
,È,çB
- 14     fo[]fWf#"  
fe[]fuf<,ì—  
ì^æ·s'«,ì,½,ßA  
[]V,μ,çfGf"fgfŠ,ð  
'Ç  
%oÁ,Ä,«,È,©,Á,  
½B
- 15     SETVER.EXE  
ftf@fCf<,Ö,ì',«  
ž,Ý't,ÉfGf  
%[][,³CEÿ[]o,³,è,  
½B

fobf` ftf@fCf<,ì if fRf}f"fh[]ã,Ä **errorlevel** fpf%f[]f^,ðŽg,æ,Æ[]Asetver ,©,ç·Ö,³,è,é[]—¹fR[]fh,ð^  
—[],Ä,«,Ü,·B[]—¹fR[]fh,ð^—[],·,éfofbf` ftf@fCf<,ì—á,É,Ä,ç,Ä,í[]Aif fRf}f"fh,ðŽQ[]Æ,μ,Ä,³/4,³,çB

Setver ,ÉŠÖ,·,é[]Ú[]×[]î·ň

- Setver---á
- Setver



### Setver---

MS-DOS fo [fWf#f" 3.30 ,ÅŽÀs, ,é,éfvf [fOf%of€ ftf@fCf< MYPROG.EXE , ,é,Æ  
 %o¼'è,μ,Û,·BMYPROG.EXE ,ðŽÀs, ,é,É,ÍAÅ%o,É **setver** fRf}f"fh,ðŽg,Á,ÅAMYPROG.EXE ,É MS-  
 DOS fTfuVfXfef€ ,ðfo [fWf#f" 3.30 ,Æ,μ,Å%ðŽB, ,1,éfGf"fgfŠ,ðAfo [fWf#f" fe [fuf<,Éìï¬,μ,Ä,-  
 ,¾,¾,çB

setver myprog.exe 3.30

fo [fWf#f" fe [fuf<, ©,ç (MYPROG.EXE ftf@fCf<,É,Ù,©,ì%e<¿,ð—^,|, ,É) MYPROG.EXE  
 fGf"fgfŠ,ðíœ, ,é,É,ÍAŽÿ,ìRf}f"fh,ð"ü—Í,μ,Û,·B

### setver myprog.exe /delete

fhf%ofCfu C ,ìfo [fWf#f" fe [fuf<,ì"à—e,ð^ê—•\Ž|, ,é,É,ÍAŽÿ,ìRf}f"fh,ð"ü—Í,μ,Û,·B

### setver c:

Setver ,ÉŠÖ, ,éÚ×î•ñ



Setver--'



Setver



## Share

Windows NT ,Æ MS-DOS fTfufVfXfef€ ,íA,±,lfRf}f“fh,đŽg,ç,Ü,<sup>1</sup>,ñBMS-DOS  
ftf@fCf<,Æ,ìŒYŠ·< ,đŠm•Ū,·,é,½,ß,É,¾,¯—p^Ó,<sup>3</sup>,ê,Ä,ç,Ü,·B



## Shell

Windows NT, MS-DOS fTfufvfXfefe,ÉŽg,í,½,č'ä,í,è,lfRf}f"fh fCf"f^fvfŠf^,ì-¼'O,ÆêŠ,đŽw'è,μ,Û,·B

**shell**=[[fhf%ofCfu:] fpfX] ftf@fCf<-¼ [fpf%of[f^]

**fpf%of[f^**

[[fhf%ofCfu:] fpfX] ftf@fCf<-¼

Windows NT, ÉŽg,í,½,čfRf}f"fh fCf"f^fvfŠf^,ìêŠ,Æ-¼'O,đŽw'è,μ,Û,·B

fpf%of[f^

Žw'è,μ,½fRf}f"fh fCf"f^fvfŠf^,ĂŽg,!,éfRf}f"fh f%ofCf" fpf%of[f^,Û,½,lfXfCfbf` ,đŽw'è,μ,Û,·B

Shell,ÉŠÖ,·,éÚ×î•ň

Shell--'

Shell---á





## Shell--'□

### Šù'è,ì□Ý'è

Šù'è,ì□Ý'è,À,í□AMS-DOS fTfufVfXfef€,í□A,Ù,©,ì Windows NT fTfufVfXfef€,ÆfV□[f€fCefX,É<@"\\,·,é  
 (fTfufVfXfef€ŠÖ,ìfpfCfsf"fo,ÆfŠf\_fCfCefNfg,ðŠÜ,p)□A"ÁŽê,Éfo□[fWf#f",ì COMMAND.COM  
 ,ªŽg,í,ê,Ü,·□Bshell fRf}f"fh,í•s—v,À,·□B

**shell** fRf}f"fh,ðŽg,¢□A"ÆŽ©,ì 16 frfbfg fRf}f"fh fCf"f^fvfŠf^,ðŽw'è,·,é,ì,í,"Š©,ß,À,«,Ü,<sup>1</sup>,ñ□B

### fRf}f"fh fCf"f^fvfŠf^,Æ<¤,ÉfXfCfbf` ,ðŽg,¤

**shell** fRf}f"fhŽ©'ì,ÉfXfCfbf` ,ðŽg,¤,±,Æ,í,À,«,Ü,<sup>1</sup>,ñ,ª□A fRf}f"fh fCf"f^fvfŠf^,ÉŽg,ì,é□ê□#,í□A,» ,ê,ð

**shell** fRf}f"fh f%ofCf",ÉŽw'è,À,«,Ü,·□B

Shell ,ÉŠÖ,·,é□Ú□×□î•ñ



Shell---á



Shell



**Shell---**

ftf@fCf< NEWSHELL.COM ,əfXf^[]fgfAfbfv fh%ofCfu[]ă,łffBfĈfNfgfŠ BIN ,É, ,è[]Afrf}f“fh  
fCf“f^fvfŠf^ ,Æ,μ,Ä NEWSHELL.COM ,đŽg,č,½,č,Æ%¼'è,μ,Ü,·[]B,» ,ì,½,β,É,Í[]ACONFIG.NT  
ftf@fCf<,ÉŽŸ,łRf}f“fh,đ'Ç%Á,μ,Ü,·[]B

**shell=\bin\newshell.com**

Shell ,ÉŠÖ,·,é[]Ú[]x[]î•ň

Shell--'

Shell



**Shift**

f of bf` ftj@fCf<,Á'u,«Š.,!%oÁ"vfpf%of□□[f^,ì^Ê'u,ð•ï□X,μ,Û,·□B

**shift**

Shift ,ÉŠÖ,.,é□Ú□×□î•ň

Shift--'□

Shift--—á



**Shift--'□**

**shift fRf}}f“fh,ì<@”\**

**shift fRf}}f“fh,Á,í□AŠefpf%of□□[f^,ð'¼'O,ìfpf%of□□[f^,ÉfRfs□[μ,Ä□A%0 ,©,ç %9 ,ì'u,«Š',!%oÄ“\fpf %of□□[f^,ì'l,ð•ï□X,μ,Ü,·□B,Ä,Ü,è□A%1 ,ì'l,í %0 ,ÉfRfs□[<sup>3</sup>,è□A%2 ,ì'l,í %1 ,ÉfRfs□[<sup>3</sup>,è,é,Æ,ç,æ,±,É,È,è,Ü,·□B,±,è,í□A'½□”,ìfpf%of□□[f^,ÉŠÖ,μ,Ä“”,¶'€□ì,ðŽÀ□s,·,éfofbf`ftf@fCf<,ð□□-,·,é,Æ,«,É•Ö— ~,Å,·□B**

**10 CEÂ,ð' ,ì,éRf}}f“fh f%ofCf“ fpf%of□□[f^,Ä□ì<Æ,·,é**

**shift fRf}}f“fh,ðŽg,±,Æ□A10 CEÂ,ð' ,ì,éfpf%of□□[f^,ðŽg,ì,éfofbf`ftf@fCf<,ð□□-,·,é,± ,Æ,à,Ä,«,Ü,·□BfRf}}f“fh f%ofCf“,Ä 10 CEÂ,ð' ,ì,éfpf%of□□[f^,ðŽw'è,·,é,Æ□A10 "Ö-Ú,ì (%9) ,ìCEă,É•\ Ž|<sup>3</sup>,è,é'l,í□A1 "x,É 1 ,Ä,·,Ä %9 ,Éfvftfg,<sup>3</sup>,è,Ü,·□B**

**fpf%of□□[f^,ð<t•ûCEü,Éfvftfg,·,é**

<t•ûCEü,ì **shift fRf}}f“fh,í, ,è,Ü,<sup>1</sup>,ñ□B**shift fRf}}f“fh,ðŽÀ□s,·,é,Æ□Afvftfg'O,É'¶□Ý,μ,Ä,ç,½□Ä□%o,ìfpf %of□□[f^ (%0) ,ð%oñ•œ,<sup>3</sup>,<sup>1</sup>,é,±,Æ,í,Ä,«,Ü,<sup>1</sup>,ñ□B****

Shift ,ÉŠÖ,·,é□Ú□×□î•ñ

Shift--—á

Shift

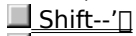


### Shift--á

ŽŸ,lfofbf`ftf@fCf< MYCOPY.BAT ,íA'½" ,lfpf%of[f^,á, ,éêë,É **shift** fRf}f"fh,đŽg,α•ú-@,đŽl,μ,Ä,ç  
 ,Ü,·B^ê—,³,è,½ftf@fCf<,íŽw'è,ífffBfCfNfgfŠ,ÉfRfs[,³,è,Ü,·BŠefpf%of[f^,ífffBfCfNfgfŠ-¼,Ä, ,èA  
 "C^Ó,i" ,¾, -Žw'è,Ä,«,Ü,·B

```
@echo off
rem MYCOPY.BAT ,ífffBfCfNfgfŠ,É
rem ftf@fCf<,đfRfs[,μ,Ü,·.
rem ŽŸ,i'Ž@,đŽg,ç,Ü,·.
rem mycopy dir file1 file2 ...
set todir=%1
:getfile
shift
if "%1"==" " goto end
copy %1 %todir%
goto getfile
:end
set todir=
echo All done
```

Shift ,ÉŠÖ,·,éÚ×î•ň



Shift--'



Shift



### Sort

“ü—í,ð“Ç,ÝŽæ,è□Aff□[f^,ð•À,x’Ö,¡□ACE<%oÊ,ð%œ-Ê□Aftf@fCf<□A,Ü,½,í•Ê,¡fffofCfX,É□’,«□ž,Ý,Ü,·□B

**sort** [/r] [/+n] [<] [fhf%ofCfu 1:][fpx 1] ftf@fCf<-¼ 1 [> [fhf%ofCfu 2:][fpx2 ] ftf@fCf<-¼ 2]

[fRf}f“fh |] **sort** [/r] [/+n] [> [fhf%ofCfu 2:][fpx 2] ftf@fCf<-¼ 2]

### fpf%of□□[f^

[fhf%ofCfu 1:][fpx 1]ftf@fCf<-¼ 1

ff□[f^,ð•À,x’Ö,¡,½,çftf@fCf<,ì□ê□Š,Æ-¼’O,ðŽw’è,μ,Ü,·□B

[fhf%ofCfu 2:][fpx 2]ftf@fCf<-¼ 2

•À,x’Ö,¡,½□o—í,ðŠi“[,μ,½,çftf@fCf<,ì□ê□Š,Æ-¼’O,ðŽw’è,μ,Ü,·□B

fRf}f“fh

□o—íff□[f^,ð•À,x’Ö,¡,éRf}f“fh,ðŽw’è,μ,Ü,·□B

### /r

•À,x’Ö,¡,‘€□ì,ì□#□~,ª<t“],ª,è,Ü,·□B,Â,Ü,è□AZ ,©,ç A ,Ü,Â•À,x’Ö,¡,ç,è,Ä,©,ç□A9 ,©,ç 0  
,Ü,Â•À,x’Ö,¡,ç,è,Ü,·□B

### /+n

n □E...-Ú,ì•¶Žš,É□],Á,Äftf@fCf<,ª•À,x’Ö,¡,ç,è,Ü,·□B,±,¡fXfCfbf`,ðŽg,í,É,¯,è,Î□Asort fRf}f“fh,Á,í 1 □E...-  
Ú,ì•¶Žš,É□],Á,Äff□[f^,ª•À,x’Ö,¡,ç,è,Ü,·□B

ŠÖ~A□€-Ú

ftfBf<f^ fRf}f“fh

fŠf fCfCEfNfg•¶Žš

Sort ,ÉSÖ,·,é□U□×□î•ň

Sort--’□

Sort--—á



**Sort--'**

•À,x'Ö,ı,éff[]f^,ðŽw'è,.,é

fRf}f"fh,Ü,½,Íftf@fCf<-¼fppf%of[]f^,ðŽw'è,μ,È,̄,ê,î[]Asort fRf}f"fh,ÍftfBf<f^,Æ,μ,Ä<@"\,μ[]A"ü—Í,Í  
Windows NT ,İ•W[]€"ü—Í,©,ç ('É[]í,ÍfL[]f{[]f[]AfpfCfv[]A,Ü,½,Íftf@fCf<,©,ç) Žæ,è[]o,<sup>3</sup>,ê,Ü,·[]B

**sort ,ÁfŠf\_fCfÆfNfg•ŋŽš,ðŽg,κ**

fppfCfv (|) ,Ü,½,Í•s"™ []t (<), ðŽg,κ,Æ[]Asort ,ð'Ê,μ,ÄfRf}f"fh,Ü,½,Íftf@fCf<-¼,©,çf[]f^,ð'—,é,±  
,Æ,<sup>a</sup>,Ä,«,Ü,·[]B[]î•ñ,ð^è"x,É 1 %œ-Ê•<sup>a</sup>,, ,Ä•Ž!,μ,½,ç[]ê[]#[]A,Ü,½,Í[]î•ñ,ðftf@fCf<,É'—  
,è,½,ç[]ê[]#[],Í[]Amore fRf}f"fh,Ü,½,Íftf@fCf<-¼,ðŽw'è,Ä,«,Ü,·[]B•s"™ []t (>), ðŽg,κ,Æ[]AŠi"[,<sup>3</sup>,ê,½[]o—  
Í,ðftf@fCf<,É'—,é,±,Æ,<sup>a</sup>,Ä,«,Ü,·[]B

'â•ŋŽš,Æ[]¬•ŋŽš

sort ,Á,Í[]A'â•ŋŽš[]¬•ŋŽš,Í<æ•Ê,<sup>3</sup>,ê,Ü,<sup>1</sup>,ñ[]B

**ftf@fCf< fTfCfY,ÉŠÖ,.,é[]§CEÀŽ-[]€**

**sort** fRf}f"fh,ì[]é[]#[]Aftf@fCf< fTfCfY,É[]§CEÀ,Í, ,è,Ü,<sup>1</sup>,ñ[]B

Sort ,ÉŠÖ,.,é[]Ú[]×[]î•ñ



Sort--—á



Sort

[]Æ[]#[]#[]~

sort fv[]f[]Of%of€,Í[]A[]'•ÊfR[]f[]h,̄,æ,ÑfR[]f[]h fy[]f[]w,ì[]Ý'è,É'î%ž,.,é[]Æ[]#[]#[]~•\,ðŽg—p,μ,Ü,·[]BASCII  
fR[]f[]h,<sup>a</sup> 127 ,æ,è,à'â,«,É•ŋŽš,Í[]ACOUNTRY.SYS ftf@fCf<[]A,Ü,½,Í CONFIG.NT ftf@fCf<,ì COUNTRY  
fRf}f"fh,ÉŽw'è,<sup>3</sup>,ê,Ä,ç,é'á'Öftf@fCf<,ì[]î•ñ,ðŠi,É•Ä,x'Ö,ı,ç,ê,Ü,·[]B



### Sort---á

ŽŸ,lfRf}f“fh,Á,íAftf@fCf< EXPENSES.TXT ,ª“Ç,ÝŽæ,ç,èA<t[]#,É•À,x‘Ö,!,ç,è,ÄA%œ-É,É•Ž!,ª,è,Ü,·B

### sort /r < expenses.txt

‘åCE^ftf@fCf< MAILLIST.TXT ,ÅfefLfXfg "Jones" ,ðCEŸ[]ð,μACEŸ[]ðCE<%œÉ,ð•À,x‘Ö,!,½,ç,Æ  
%¼‘è,μ,Ü,·B,»,,½,ß,É,íAZŸ,ì-á,ì,æ,æ,ÉAfpfCfv (|) ,ðŽg,Á,Ä **find** fRf}f“fh,ìo-í,ð **sort**  
fRf}f“fh,É’-,è,Ü,·B

### find "Jones" maillist.txt | sort

,±,lfRf}f“fh,É,æ,èAZw’è,μ,½•ŸŽš-ñ (Jones) ,ª“ü,Á,Ä,ç,é[]s,ì•À,x‘Ö,!,CEä,ì^ê---,ª[][]-,ª,è,Ü,·B  
fL[]f{[]f“ü-í,ð•À,x‘Ö,!,ACE<%œÉ,ðfAftf@fxfbfg[]#,É%œ-É,É•Ž!,·,é,É,íAZŸ,ì-á,ì,æ,æ,ÉA[]Á[]%œ  
,Éfpf%of[]f^,ð•t,·,·,É **sort** fRf}f“fh,ðŽg-p,Á,«,,Ü,·B

### sort

ŽŸ,ÉAŠe[]s--,Á **Enter** fL[],ð%Ÿ,μ,ÄA•À,x‘Ö,!,½,ç•ŸŽš,ð“ü-í,μ,Ü,·B•ŸŽš,ð“ü-í,μ,½,ç[]A**Ctrl + Z**  
fL[],ð%Ÿ,μ,Ä,©,ç **Enter** fL[],ð%Ÿ,μ,Ü,·B**sort** fRf}f“fh,É,æ,èA“ü-  
í,μ,½•ŸŽš,lfAftf@fxfbfg[]#,É•À,x‘Ö,!,ç,è,Ä•Ž!,ª,è,Ü,·B•À,x‘Ö,!,ç,è,½fL[]f{[]f“ü-  
í,ðftf@fCf<,ÉfŠf\_fCfEfNfg,·,é,±,Æ,à,Ä,«,,Ü,·B

Sort ,ÉŠÖ,·,é[]Ú[]x[]î•ñ



Sort--'



Sort





## Stacks

ff[]f^ fXf^fbfN,đŽg,Á,Äfn[]fhfEjFfAŠ,,è[]ž,Ý,đ[]^—[],Å,«,é,æ,ɣ,É,μ,Û,·[]B

stacks=n,s

fpf%of[]f^

n

fXf^fbfN[],đŽw'è,μ,Û,·[]Bn,É—LCEø,È'l,Í[]A0,Æ 8,©,ç 64,Û,Å,ì[],Å,·[]B

s

ŠefXf^fbfN,lfTfCfY (fofCfG'P^Ê),đŽw'è,μ,Û,·[]Bs,É—LCEø,È'l,Í[]A0,Æ 32,©,ç 512,Û,Å,ì[],Å,·[]B

Stacks,ÉŠÖ,·,é[]Ú[]×[]î•ň

Stacks--'

Stacks---á



### Stacks--'

Šù'è,ìŸ'è

stacks fRf}f“fh,ìŠù'è,ìŸ'è,íŽŸ,ì,Æ,“,è,Ä,·B

### fRf“fsf...[f^ Stacks

IBM PC AIBM 0,0

PC/XT AIBM PC-

Portable

,»,ì,Ù,© 9,128

### fXf^fbfNŠ,,è“-,Ä,ì“ÁŽêfP[fX

fn[fhfEjFfAŠ,,èž,Ÿ,đŽóM,·,é,ÆAWindows NT ,íŽw'è,<sup>3</sup>,è,½“ ,lfXf^fbfN,ì,æ,ž,© ,çXf^fbfN,đ 1  
 ,ÁŠ,,è“-,Ä,Ü,·Bn ,Æ s ,ì',Æ,μ,Ä 0 ,đŽw'è,·,é,ÆAfXf^fbfN,íŠ,,è“-,Ä,ç,è,Ü,<sup>1</sup>,ñB'l,<sup>2</sup> 0  
 ,Ä, ,é,îAŽÀs't,ìŠefvfjOf%of€ ,É,íRf“fsf...[f^ ,lfn[fhfEjFfAŠ,,èž,Ÿfhf%ofCfo,É'í  
 %ož,Ä,« ,é,<sup>3</sup>/<sub>4</sub>, ,lfXf^fbfN fXfy[fX,<sup>2</sup>,È, ,é,î,È,è,Ü,<sup>1</sup>,ñBfRf“fsf...[f^ ,ì'½,,íAn ,Æ s ,ì',đ 0  
 ,É,μ,Ä,à<sup>3</sup>í,É“ @ì,·,é,ì,ÄAfvfjOf%of€—p,lfj,fŠ,đ , ,é'ö“xβ-ñ,Ä,« ,Ü,·B,<sup>1</sup>/<sub>2</sub>,<sup>3</sup>/<sub>4</sub>,μA,±,ì 2 ,Á,ì',đ 0  
 ,ÉŸ'è,μ,<sup>1</sup>/<sub>2</sub>,Æ,« ,ÉfRf“fsf...[f^ ,<sup>2</sup>·s^A'è,É,È,Ä,½èê‡,íAŠù'è'l,É-β,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,çB

Stacks ,ÉŠÖ,·,éÚ×í•ñ



Stacks---â



Stacks



### Stacks---á

fn[fhfEfFfAŠ,,èž,Ý^—,ì,½,ß,ÉA,»,è,¼,è 512 fofCfg,lfXf^fbfN,ð 8 ĆĀŠ,,è“-,Ä,é,É,íACONFIG.NT  
ftf@fCf<,ÉŽŸ,lfRf}f“fh,ð’Ç%Ā,μ,Û,·B

### stacks=8,512

Stacks ,ÉŠÖ,·,éÚ×î•ñ





### Start

• ĚfBf"fhfE,đN"® ,μ,ĀAŽw'è,μ,½fvfOf%€€,Ü,½,lfRf}f"fh,đŽĀs,μ,Ü,·B

**start** ["f^fCfjf<"] [/dfpfX] [/i] [/min] [/max] [/separate] [/low] [/normal] [/high] [/realtime] [/wait] [/b] [ftf@fCf<-¼fRf}f"fh/fvfOf%€€] [fpf%of[f^]

**fpf%of[f^**

,É,μ

fpf%of[f^,đ•t, , ,É **start** ,đŽg,æ,ÆA'æ 2 ,lfRf}f"fh fv f"fvfg fEfBf"fhfE,ŠJ,«,Ü,·B

"f^fCfjf<"

fEfBf"fhfE,lf^fCfjf< fo[ ,É•Ž!, ,é,éf^fCfjf<B

**/dfpfX**

□%ŠúfffBfCfNfgfŠB

**/i**

CMD.EXE fXf^ [fgfAfbfvŠĀ<<,đV,μ, fEfBf"fhfE,É"n,μ,Ü,·B

**/min**

fEfBf"fhfE,đĀĀ-‰» ,μ,½□ó'Ô,Ā<N"® ,μ,Ü,·B

**/max**

fEfBf"fhfE,đĀĀ•Ž!,μ,½□ó'Ô,Ā<N"® ,μ,Ü,·B

**/separate**

• Ěfjf, fŠ—ìæ,ĀA16 frfbfg,ì Windows fv fOf%€€,đN"® ,μ,Ü,·B

**/low**

fAfCfhf<-D□æ"xfNf%ofX,ĀfAfvfŠfP□[fvf#f",đN"® ,μ,Ü,·B

**/normal**

'Éí,ì-D□æ"xfNf%ofX,ĀfAfvfŠfP□[fvf#f",đN"® ,μ,Ü,·B

**/high**

□ă^É,ì-D□æ"xfNf%ofX,ĀfAfvfŠfP□[fvf#f",đN"® ,μ,Ü,·B

**/realtime**

fŠfAf<f^fCf€-D□æ"xfNf%ofX,ĀfAfvfŠfP□[fvf#f",đN"® ,μ,Ü,·B

**/wait**

fAfvfŠfP□[fvf#f",đN"® ,μ□A,» ,é,é,Ü,Ā'Ò<@,μ,Ü,·B

**/b**

□V,μ, fEfBf"fhfE,đ□□-,μ,Ü, ,ñ□BfAfvfŠfP□[fvf#f",Ā **Ctrl + C** fL□,ì□^—□,đ—LÆø,É,μ,È, ,é,î□**Ctrl + C** fL□,ì□^—□,í□s,í,é,Ü, ,ñ□BfAfvfŠfP□[fvf#f",đ'+f, ,é,É,í□**Ctrl + Break** fL□,đŽg,č,Ü,·B

ftf@fCf<-¼fRf}f"fh/fvfOf%€€

<N"® , ,éfRf}f"fh,Ü,½,lfvfOf%€€,đŽw'è,μ,Ü,·B

fpf%of[f^

fRf}f"fh,Ü,½,lfvfOf%€€,É"n,fpf%of[f^,đŽw'è,μ,Ü,·B

Start ,ÉŠÖ, ,é□Ú□×□î•ñ



Start---á





**Subst**

fpfX,Éfhf%ofCfu-¼,đŠ,,è“-,Ä,Ü,·□B

**subst** [fhf%ofCfu 1: [fhf%ofCfu 2:] fpfX]

**subst** fhf%ofCfu 1: /d

**fpf%of□□[f^**

,È,μ

fpf%of□□[f^,đ•t, , ,É **subst** ,đŽg,ϣ,Æ□A—LÆø,È%¼'zfhf%ofCfu,ì-¼'O,ª•\Žì,³,ê,Ü,·□B

fhf%ofCfu 1:

fpfX,đŠ,,è“-,Ä,½,ç%¼'zfhf%ofCfu,đŽw'è,μ,Ü,·□B

fhf%ofCfu 2:

Žw'è,μ,½fpfX,ì'¶□Ý,·,é•—□fhf%ofCfu (Æ»□Ý,ìfhf%ofCfu,Æ,í^Ù,È,é□ê□‡) ,đŽw'è,μ,Ü,·□B

fpfX

%¼'zfhf%ofCfu,ÉŠ,,è“-,Ä,½,çfpfX,đŽw'è,μ,Ü,·□B

**/d**

%¼'zfhf%ofCfu,ª□í□œ,³,ê,Ü,·□B

Subst ,ÉŠÖ,·,é□Ú□×□í•ñ

Subst--'□

Subst--—á



**Subst--'**

**,Ü, ©, ðfRf}f“fh,Æ<¤,É subst ,ðŽg,¤**

ŽŸ, ðfRf}f“fh, íA**subst** fRf}f“fh, Åi→, µ, ½fhf%ofCfu, É, í<@“\, µ, Ü, ¹, ñ, ì, ÅAŽg—p, µ, È, ç, Å,, ¾, ³, çB

**chkdsk        format        restore**

**diskcom      label**

**p**

**diskcop      recove**

**y              r**

fhf%ofCfu 1 ,ì—LÆø'l

fhf%ofCfu 1 fpf%of[f^, í**Alastdrive**

fRf}f“fh, ÅŽw'è, µ, ½"í^"à, É, È, -, è, ì, È, è, Ü, ¹, ñB"í^ISO, ì'l, Å, , è, íAŽŸ, ðfGf%o[ fðbfZ[fW, a•\Ž!, ³, è, Ü, ·B

fpf%of[f^, a^ á, ç, Ü, ·. - <fhf%ofCfu 1>:

Subst ,ÉŠÖ, ·, éÚ×î•ñ

Subst---á

Subst



**Subst--—á**

ŽŸ,lfRf}f“fh,Á,íAfpfX B:\USER\BETTY\FORMS —p,ì%¼'zfhf%ofCfu Z ,³ì□¬,³,ê,Ü,·□B

subst z: b:\user\betty\forms

,±,¤,·,é,Æ□Aftf< fpfX,đ“ü—Í,·,é'ä,í,è,É□AZŸ,ì—á,ì,æ,¤,É%¼'zfhf%ofCfu-¼,ìÆä,ÉfRf□f“,đ•t,¯,Ä“ü—  
Í,·,é,Æ□A,±,ìfffBfÆfNfgfŠ,É^Ú“®,Å,«,Ü,·□B

**z:**

Subst ,ÉŠÖ,·,é□Ú□×□í•ň

Subst--'□

Subst





### Switches

Šg'£fL□[f{□[fh,đ□]—^,ìfL□[f{□[fh,Æ“~—l,É“@□i,³,¹,Ü,·□B  
,±,ìfRf})f“fh,í CONFIG.NT ftf@fCf<,ÅŽg,ç,Ü,·□B

### switches=/k

Switches ,ÉŠÖ,·,é□Ú□×□î•ñ



Switches--'□



Switches---á



## Switches--'

### switches fRf}f“fh,đŽg,ᄡé†

fvfOof%of€,ÅŠg'£fL[f{[fh,©,ç,ì“ü—í,ª³,μ,%ođŽB,³,é,È,¢é†,ÍAŠg'£fL[f{[fh,ª]—  
^,lfL[f{[fh,ì<@”\,đŽg,ᄡ,æ,ᄡ,ÉA,±,lfRf}f“fh,đ CONFIG.NT ftf@fCf<,É'Ç%oÁ,μ,Û,·B

### ANSI.SYS ,Á /k fXfCfbf` ,đŽg,ᄡ

switches=/k fRf}f“fh,đŽg,Á,ÄAANSI.SYS ffofCfX fhf%ofCfo,đfCf“fXfg[f<,·,éé†,ÍAANSI.SYS ,ì  
device fRf}f“fh f%ofCf“ ,É /k fXfCfbf` ,đŽw'è,μ,Û,·B

Switches ,ÉŠÖ,·,éÚ×î•ñ



Switches---á



Switches



### Switches---á

Šg'£fL[f{[f{[fh,đŽg—p,μ,Ä,ç,é,Æ,«,ÉAWindows NT ,É[]—^,ìfL[f{[f{[fh,ì<@"\ ,đŽg,í,<sup>1</sup>,½,çé[]‡,ÍACONFIG.NT ftj@fCf<,ÉŽŸ,ìfRf}f“fh,đ'Ç%oÁ,μ,Ú,·[]B

### switches=/k

Switches ,ÉŠÖ,.,é[]Ú[]x[]î•ñ



Switches--'



Switches



## Time

fVfXfef€Žž,đ•Ž!,;é,©□A,Ü,½,íRf“fsf...□[f^,ì“à•”ŽžŒv,đŸ’è,μ,Ü,·□B

**time** [Žž:[•ª[:•b[.100•ª ,ì 1 •b]]] [A|P]]

**fpf%of□□[f^**

,È,μ

fpf%of□□[f^,đ•t,~,É **time** fRf}f“fh,đŽg,κ,Æ□Afrf“fsf...□[f^,ì“à•”ŽžŒv,ìŽž□□,ª•\ Ž!,³,ê□A□V,μ,†Žž□□,ì“ü—í,đ<□,β,é□fbfZ□[fW,ª•\Ž!,³,ê,Ü,·□BŽž□□,đ•ĭ□X,μ,È,†□ê□†,í **Enter** fL□[,đ %oŸ,μ,Ü,·□B,Ü,½,í□A□ã<L,ì□\•¶,đŽg,Á,Ä□V,μ,†Žž□□,đ“ü—í,μ,Ü,·□B

Žž

Žž,đŽw’è,μ,Ü,·□B—LŒø,È’l,í 0 ,©,ç 23 ,Ü,Á,Á,·□B

•ª

•ª,đŽw’è,μ,Ü,·□B—LŒø,È’l,í 0 ,©,ç 59 ,Ü,Á,Á,·□B

•b

•b,đŽw’è,μ,Ü,·□B—LŒø,È’l,í 0 ,©,ç 59 ,Ü,Á,Á,·□B

100 •ª,ì 1 •b

100 •ª,ì 1 •b,đŽw’è,μ,Ü,·□B—LŒø,È’l,í 0 ,©,ç 99 ,Ü,Á,Á,·□B

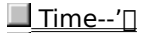
A|P

12 ŽžŠŎ□\$,ì A.M. ,Ü,½,í P.M. ,đŽw’è,μ,Ü,·□B12 ŽžŠŎ□\$,Á—LŒø,ÈŽžŠŎ,đ“ü—í,μ,Ä,à□AA ,Ü,½,í P ,đ“ü— í,μ,È,~,ê,î□A**time** ,Á,í A (A.M. ,đ•\,μ,Ü,·) ,ªŽg,í,ê,Ü,·□B

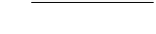
ŠŎ~A□€-Ú



Date ,ÉŠŎ,·,é□Ú□×□î•ň



Time--'□



Time---á



Time--'□

-³CEø,ÈŽž□□,ìCE`Ž® ,ðŽw'è,·,é

-³CEø,ÈCE`Ž® ,ÀŽž□□,ðŽw'è,·,é,Æ□AZŽÿ,ìf□fbfZ□fW,ª•\Ž! ,³,è□AWindows NT  
,í□³,µ,çŽž□□,ªŽw'è,³,é,é,Û,À'Ò<@,µ,Û,·□B

Žž□□,ìŽw'è,ª^á,ç,Û,·.

Žž□□,ð"ü—í,µ,À,,³/₄,³,ç:\_

Žž□□,ìCE`Ž®,ð•í□X,·,é

fRf"fgf□□[f< fpflf<,ì ["ú•t,ÆŽž□□] flfvfVf#f",ÀŸ'è,ð•í□X,·,é,Æ□Atime

fRf}f"fh,ìCE`Ž®,ð•í□X,À,«,Û,·□BMS-DOS ftfufvfXfef€,ìŽž□□,ìCE`Ž®,³/₄,·,ð•í□X,·,é□é□#,í□ACONFIG.NT  
ftf@fCf<,À **country** ,ìŸ'è,ð•í□X,µ,Û,·□B'í'ð,µ,½□',É%ž,¶,À□AZž□□,í 12 ŽžŠŒ□\$,Û,½,í 24 ŽžŠŒ□\$,À•\  
Ž!,³,é,Û,·□BŽž□□,ð 12 ŽžŠŒ□\$,ÀŸ'è,·,é□é□#,í□ACEßCEã,ìŽžŠŒ,É'í,µ,À•K, P ,ðŽw'è,µ,À,,³/₄,³,ç□B

Time ,ÉŠŒ,·,é□Ú□×□í•ň

Time---á

Time



**Time---á**

fRf“fsf...[]f^,ìŽžÆv,ð 1:36 P.M. ,É[]Ý'è,,:é,É,Í[]AŽŸ,ìfRf}f“fh,ì,Ç,ì,ç,©,ðŽg,ç,Ü,·[]B

**time 13:36**

**time 1:36P**

Time ,ÉŠÖ,,:é[]Ú[]x[]î•ñ

Time--'

Time



**Title**

fRf}f“fh fv f“fvfg fEfBf“fhfE,lf^fCf g f<,đŸ’è,μ,Û,·B

**title** [•ŋŽš—ň]

**fpf%of** [f^

•ŋŽš—ň

fRf}f“fh fv f“fvfg fEfBf“fhfE,lf^fCf g f<,đŽw’è,μ,Û,·B

Title ,ÉŠÖ,·,éÚ×î•ň

Title--’

Title---á



**Title--'**

**title** ,íAfofbf` ftj@fCf<—p,ìfEfBf“fhfE,ìf^fCfGF<,ðY'è,.,é,Æ,«,É•Ö—~,Å,·Bfofbf` ftj@fCf<,ìæ“ª,É,±,ìfRf}f“fh,ð'Ç%oÁ,μ,Ä,,¾,³,çB

^ê“xY'è,μ,½CEã,í**Atitle** fRf}f“fh,Å,ì,ÝfEfBf“fhfE,ìf^fCfGF<,ðŠfZfbfg,Å,«,Ü,·B

Title ,ÉŠÖ,·,éÚ×î•ñ

Title

Title---á





**Title---á**

**fjbf` ftf@fCf<,lfEjBf“fhfE,lf^fCf>f<,đY'è,.,é,É,Í:**

```

rem ,±,lfjbf` ftf@fCf<,í]<Æ^ö,iff[]f^,đX[V,μ,Ü,·
cls
@echo off
title ftf@fCf<,ìX[V
copy \\server\share\*.xls c:\users\common\*.xls
echo ftf@fCf<,íX[V,³,é,Ü,μ,½.
title fRf}f“fh fv[]f“fvfg

```

Title ,ÉŠÖ,.,é[]Ú[]×[]î•ñ

Title--'

Title



**Tree**

fhf%ofCfuã,lfpfX,Ü,½,lfBfXfN,lfBfCfNfgfŠ'č,đŽ<Šo"l,É•\Ž!,μ,Ü,·B

**tree** [fhf%ofCfu:] [fpfX] [/f] [/a]

**fpf%of** [f^

fhf%ofCfu:

ffBfCfNfgfŠ'č,đ•\Ž!,μ,½,čffBfXfN,ì, ,éfhf%ofCfu,đŽw'è,μ,Ü,·B

fpfX

ffBfCfNfgfŠ'č,đ•\Ž!,μ,½,čffBfCfNfgfŠ,đŽw'è,μ,Ü,·B

**/f**

ffBfCfNfgfŠ,ìftf@fCf<,ì-¼'O,đ•\Ž!,μ,Ü,·B

**/a**

fOf%oftfBfbfN•¶Žš,ì'ä,í,è,ÉfefLfxfg•¶Žš,đŽg,Á,ÄfTfuffBfCfNfgfŠ,đC<,Ôü,đ•\Ž!,μ,Ü,·B

ŠÖ~A□€-Ú



Dir

Tree ,ÉŠÖ,·,é□Ú□×□î•ň



Tree--'



Tree---á



**Tree--'**

**tree** ,É,æ,è•\Ž,³,ê,éfffBfCEfNfgfŠ[\‘ç,í[AfRf]}f“fh f%ofCf“,ĂŽw’è,·,éfpf%of[]f^,É  
%ož,¶,Ă^Ù,È,è,Û,·[]Bfhf%ofCfu,Û,½,lfpfX,ðŽw’è,µ,È,¯,ê,î[]ACE»[]Ý,lfhf  
%ofCfu,ìCE»[]Ý,lfhfBfCEfNfgfŠ,©,çŽn,Û,éfcfŠ[][\‘ç,ª•\Ž,³,ê,Û,·[]B

Tree ,ÉŠÖ,·,é[]Ú[]×[]î•ñ



Tree--—á



Tree



**Tree---**

»Ý,lfhf%oCfu,lfBfXfN,ì,·,×,Ä,lfTfuffBfCfNfgfŠ-¼,ð•Ž!,<sup>3,1</sup>,é,É,ÍAŽŸ,lfRf}f“fh,ð“ü—Í,μ,Ü,·B

**tree \**

fhf%oCfu C ,ì,·,×,Ä,lfBfCfNfgfŠ,lfTf@fCf<,ð^ê“x,É 1 %æ-Ê•<sup>a</sup>,,Ä•Ž!,<sup>3,1</sup>,é,É,ÍAŽŸ,lfRf}f“fh,ð“ü—Í,μ,Ü,·B

**tree c:\ /f | more**

ä<L,ì—á,Ä•Ž!,<sup>3</sup>,ê,½,à,ì,Æ“^,ŋ^ê—,ð^óü,·,é,É,ÍAŽŸ,lfRf}f“fh,ð“ü—Í,μ,Ü,·B

**tree c:\ /f prn**

Tree ,ÉŠÖ,·,éÚ×î•ñ





**Type**

fefLfXfg ftf@fCf<,l"à—e,đ•\Žl,μ,Ü,·□B

fefLfXfg ftf@fCf<,đ□C□³,¹,.,É•\Žl,³,¹,é□é□‡,í□A**type** fRf}f"fh,đŽg,č,Ü,·□B

**type** [fhf%ofCfu:][fpfX] ftf@fCf<-¼[...]

**fpf%of□□lf^**

[fhf%ofCfu:][fpfX] ftf@fCf<-¼

•\Žl,·,éftf@fCf<,l□é□Š,Æ-¼'O,đŽw'è,μ,Ü,·□B•;□",lftf@fCf<-¼,ífXfy□[fX,Å<æ□Ø,è,Ü,·□B

NTFS fhf%ofCfu,đŽg—p,μ,Ä, ",è□Aftf@fCf<-¼,ÉfXfy□[fX,³ŠÜ,Ü,é,Ä,č,é□é□‡,É,í□Aftf@fCf<-¼,đ"ñ□d^ø—  
p•,, ("),Å^í,Ü,È,¯,é,î,È,è,Ü,¹,ñ□B

ŠÖ~A□€-Ú

ftfBf{f^ fRf}f"fh

fŠf\_fCfCefNfg•¶Žš

Dir

Type ,ÉŠÖ,·,é□Ú□×□î•ñ

Type--'□

Type---á



Type--'□

fofCfifŠ ftf@fCf<,ð•\Ži,.,é

fv□fOf%of€,\Å□i□→,³,è,½fofCfifŠ ftf@fCf<,ð•\Ži,³,¹,é,\Æ□AftfH□[f€ ftfB□[fh•¶Žš,âfGfXfP□[fv  
fv□[fPf“fX<L□†,È,Ç□ACE©Šμ,è,È,ç•¶Žš,ª%œ-Ê,É•\Ži,³,è,é,±,\Æ,ª, ,è,Û,·□B,±,ì•¶Žš,í□AfofCfifŠ  
ftf@fCf<,ÅŽg,í,è,é□\$CEäfR□[fh,Å,·□B^è”Ê,É□A**type** fRf}f“fh,ðŽg,Á,ÄfofCfifŠ ftf@fCf<,ð•\Ži,³,¹,é,±  
,Æ,Í,Å,«,\Û,¹,ň□B

Type ,ÉŠÖ,·,é□Ú□×□î•ñ



Type---á



Type



**Type---á**

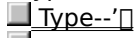
ftf@fCf< HOLIDAY.MAR ,ì"à—e,ð•\Žì,μ,½,¢éé¢,í□AŽŸ,ìfRf}f"fh,ð"ü—í,μ,Ü,·□B

**type holiday.mar**

•\Žì,μ,½,¢ftf@fCf<,ªå,«,·,¬,éééé¢,í□AŽŸ,ì—á,ì,æ,α,É□A**type** ,Æ<α,É **more**  
fRf}f"fh,ðŽg,Á,Ä□Aftf@fCf<,ì"à—e,ð^ê"x,É 1 %œ-Ê•ª,,Á•\Žì,Å,«,Ü,·□B

**type holiday.mar | more**

Type ,ÉŠÖ,·,é□Ú□×□î•ñ



Type--'

Type



## **Ver**

Windows NT ,jfo[]fWf#f""Ô[]t,ª•\Ž!,³,ê,Ü,·[]B

## **Syntax**

**ver**





### Verify

Windows NT ,íA,±,lfRf}f“fh,đŽg,ç,Ü,¹,ñBMS-DOS ,Æ,ìĀÝŠ·«,đŠm•Û,·,é,½,ß,É,¾,¯—p^Ó,³,ê,Ä,ç,Ü,·B



**Vol**

ffBfXfN,if{fŠf...[f€ f%ofxf<,Æf{fŠf...[f€ fVfŠfAf<”Ôt,ªÝ’è,³,è,Ä,ç,éêê#A,»è,ð•Ž!,µ,Û,·B  
f{fŠf...[f€ fVfŠfAf<”Ôt,íAfo[fWf#f“ 4.0 ^È~,) MS-DOS ,ÅftfH[f}fbfg,³,è,½ffBfXfN,Å•Ž!,³,è,Û,·B  
**vol** [fhf%ofCfu:]

**fpf%of[f^**

fhf%ofCfu:

f{fŠf...[f€ f%ofxf<,ÆfVfŠfAf<”Ôt,ð•Ž!,³,¹,½,çffBfXfN,ì“ü,Á,Ä,ç,éfhf%ofCfu,ðŽw’è,µ,Û,·B

ŠÖ~A□€-Ú

Format

Label



**Winnt**

Windows NT 4.0 ,lfCf"fxfg[f<,Ü,½,lfAfbfvfOfCE[fh,ðs,ç,Ü,·B

**winnt** [/s:f\ [fX fpfX] [/i:INF ftj@fCf<] [/t:fhf%ofCfu•ŋŽš] [/x] [/b] [/ox] [/u[:fXfNfŠšfvfg] [/r:fffBfCefNfgfŠ]

**fpf%of [f^**

/s:f\ [fX fpfX

Windows NT ftj@fCf<,aŠi"[,³,ê,Ä,ç,éêŠ,ðŽw'è,µ,Ü,·B

/i:INF ftj@fCf<

fZfbfgfAfbfvŋ•ñftj@fCf<,lfjtj@fCf<-¼ (fpfX,È,µ) ,ðŽw'è,µ,Ü,·BŠù'è,ìŸ'è,Å,íADOSNET.INF ,Ä,·B

/t:fhf%ofCfu•ŋŽš

^èŽžftj@fCf<,ðŽw'è,³,ê,½fhf%ofCfu,ÉŠi"[,·,é,æ,æ,É,µ,Ü,·B

**/x**

fZfbfgfAfbfv fu [fg ftjfbfs [,ði-µ,Ü,¹,ñBfZfbfgfAfbfv fu [fg ftjfbfs [,aŋi-ŋi,Ÿ,ìê# (,½,Æ,í,íAŠÇ-ŹÖ,©,ç-^,!,ç,ê,½ê#) ,ÉŽg-p,µ,Ü,·B

**/b**

fu [fg ftj@fCf<,ðftjfbfs [ fffBfXfN,Å,í,È, Afn [fh

fffBfXfN,ÉRfs [,µ,Ü,·Bft [fU [,aftjfbfs [ fffBfXfN,ð"²,«µ,·,é•K-v,ª,È,,È,è,Ü,·B

**/ox**

CD-ROM ,ì,½,ß,lfu [fg ftjfbfs [,ði-µ,Ü,·B

**/u**

^È'O,lf [fWf#",ì Windows NT ,ð-

³ [f, [fh,ÅAfbfvfOfCE[fh,µ,Ü,·B ^È'O,lf [fWf#",©,ç,·,x,Ä,lf [fU [Ÿ'è,a^ø,«Ep,ª,è,Ü,·BfZfbfgfAfbfv' t,Éft [fU [,a"ü-í,·,é•K-v,í, ,è,Ü,¹,ñB

**/u:fXfNfŠšfvfg**

/u ,Æ-þŽ-,µ,Ä,ç,Ü,·,ªA^È'O,lf [fWf#",ìŸ'è,ðŽg-p,·,é,ì,Å,í,È, Af [fU [Ÿ'è-p,lfXfNfŠšfvfg

ftj@fCf<,ðŽg-p,µ,Ü,·B

**/r:fffBfCefNfgfŠ**

Windows NT ftj@fCf<,ðfCf"fxfg [f<,·,éfffBfCefNfgfŠ fcfŠ [,ÉÇ

%oÁ,fffBfCefNfgfŠ,ði-µ,Ü,·B,³,ç,ÉfffBfCefNfgfŠ,ðÇ%oÁ,·,é,É,íA•i",ì /r fxfcfbf` ,ðŽg-p,µ,Ü,·B



**Winnt32**

Windows NT ,lfCf"fxfg[f<,Ü,½,lfAfbvfOfCE[fh,ðs,ç,Ü,·B

**winnt32** [/s:f\ [fx fpfX] [/i:INF ftf@fCf<] [/t:fhf%ofCfu•ŕŽš] [/x] [/b] [/ox] [/u[:fXfNfŠfvg] [/r:fffBfCefNfgfŠ] [/e:fRf}f"fh]

**fpf%of [f^**

/s:f\ [fx fpfX

Windows NT ftf@fCf<,aŠi"[,³,ê,Ä,ç,éêŠ,ðŽw'è,µ,Ü,·B

/i:INF ftf@fCf<

fZfbfgfAfbfvŕ•ñftf@fCf<,lftf@fCf<-¼ (fpfX,È,µ) ,ðŽw'è,µ,Ü,·BŠù'è,lŕY'è,Ä,ÍADOSNET.INF ,Ä,·B

/t:fhf%ofCfu•ŕŽš

^èŽžftf@fCf<,ðŽw'è,³,ê,½fhf%ofCfu,ÉŠi"[,·,é,æ,ŕ,É,µ,Ü,·B

/x

fZfbfgfAfbfv fu [fg ftf]bfs [l,ðiŕ-,µ,Ü,¹,ñBfZfbfgfAfbfv fu [fg ftf]bfs [l,ªiŕ-ŕĪ,Y,ìêŕ# (,½,Æ,Ī,ĪAŠÇ-ŕŽÖ,©,ç-^,Ī,ç,ê,½êŕ#) ,ÉŽg-p,µ,Ü,·B

/b

fu [fg ftf@fCf<,ðftf]bfs [l fffBfXfN,Ä,Í,È,·Afn [fh

fffBfXfN,ÉfRfs [l,µ,Ü,·Bft [fU [l,ªftf]bfs [l fffBfXfN,ð"²,«ŕ,µ,·,é•K-v,ª,È,,È,è,Ü,·B

/ox

CD-ROM ,ì,½,ß,lfu [fg ftf]bfs [l,ðiŕ-,µ,Ü,·B

/u

^È'O,lfu [fWfŕ",ì Windows NT ,ð-

ªlf, [fh,ÄAfbvfOfCE[fh,µ,Ü,·B^È'O,lfu [fWfŕ",©,ç,·,x,Ä,lf [fU [ŕY'è,ª^ø,«Ep,ª,è,Ü,·BfZfbfgfAfbfv'†,Éft [fU [l,ª"ü-Ī,·,é•K-v,Ī, ,è,Ü,¹,ñB

/u:fXfNfŠfvg

/u ,Æ-þŽ-,µ,Ä,ç,Ü,·,ªA^È'O,lfu [fWfŕ",ìŕY'è,ðŽg-p,·,é,ì,Ä,Í,È,·Aft [fU [ŕY'è-p,lfXfNfŠfvg

ftf@fCf<,ðŽg-p,µ,Ü,·B

/r:fffBfCefNfgfŠ

Windows NT ftf@fCf<,ðfCf"fxfg [f<,·,éfffBfCefNfgfŠ fcfŠ [l,ÉÇ

%oÄ,lfBfCefNfgfŠ,ðiŕ-,µ,Ü,·B,³,ç,ÉfffBfCefNfgfŠ,ðÇ%oÄ,·,é,É,ÍA•iŕ",ì /r fxfcfbf` ,ðŽg-p,µ,Ü,·B

/e:fRf}f"fh

fCf"fxfg [f<,ìŠ©-¹CEä,ÉAŽw'è,µ,½fRf}f"fh,ðŽÀs,µ,Ü,·B



### Xcopy

fTfufffBfCefNfgfŠ,đŠÜ,ß,ÄAftf@fCf<,ÆfffBfCefNfgfŠ,đfRfs[][,μ,Ü,·□B

**xcopy** '—,è'α [Žó, 'α] [/w] [/p] [/c] [/v] [/q] [/f] [/l] [/d[:“ú•t]] [/u] [/i] [/s [/e]] [/t] [/k] [/r] [/h] [/a]/m] [/n] [/exclude: ftf@fCf<-¼] [/z]

**fpf%of[]f^**

'—,è'α

fRfs[][,μ,½,çftf@fCf<,ìê[]Š,Æ-¼'O,đŽw'è,μ,Ü,·□B'—,è'α,É,í□Afhf %ofCfu,Ü,½,ífpfX,đ<L□q,μ,È, ' ,ê,î,È,è,Ü,¹,ñ□B

Žó, 'α

fRfs[][,μ,½,çftf@fCf<,ìfRfs[][]æ,đŽw'è,μ,Ü,·□BŽó, 'α,É,í□Afhf%ofCfu-¼,ÆfRf[]f“□AfffBfCefNfgfŠ-¼□Aftf@fCf<-¼□A,Ü,½,í,» ,ì'g,Ý[]±,í,¹,đ<L□q,Ä,«,Ü,·□B

**/w**

ŽŸ,ìf[]fbfZ[]fW,đ•Ž!,μ□A%ž“š,³,é,é,Ü,Á'Ò,Á,½CEã□Aftf@fCf<,ìfRfs[][,đŽn,ß,Ü,·□B

,Ç,è,©fL[][,đ%Ÿ,μ,Ä,,¾,¾,ç. fRfs[][,đŽn,ß,Ü,·

**/p**

ŠefRfs[][]æftf@fCf<,đ[]□—,·,é,Ç,α,©,đŠm" F,·,éf[]fbfZ[]fW,đ•Ž!,μ,Ü,·□B

**/c**

fGf%of[][,đ-³Ž<,μ,Ü,·□B

**/v**

□',«□ž,ñ,¾ŠefRfs[][]æftf@fCf<,³fRfs[][]CE³ftf@fCf<,Æ““è,Ä, ,é,©Šm" F,μ,Ü,·□B,±,ì<@“\,í Windows NT flfjyfC[]f[]fBf“fo fVXfef€,ÉŠÜ,Ü,è,Ä,ç,é,½,ß□A,±,ìfXfCfbf' ,í-³Ž<,³,é,Ü,·□B,± ,ìfXfCfbf' ,í□A'È'O,ìfo[]fWf#f" ,ì MS-DOS ,Æ,ìCEÝŠ-« ,đŠm•Ü,·,é,½,ß,É,¾, "—p^Ó,³,è,Ä,ç,Ü,·□B

**/q**

**xcopy** ,ì•Ž!,·,éf[]fbfZ[]fW,đ•Ž!,μ,È,ç,æ,α,É,μ,Ü,·□B

**/f**

fRfs[][]t,ÉfRfs[][]CE³,ÆfRfs[][]æ,ìftf@fCf<-¼,đ•Ž!,μ,Ü,·□B

**/l**

ŽÀ□Ü,ìftf@fCf<,ìfRfs[][,đ□s,í, ,É□Afrfs[][,³,é,éf[]fbfZ[]fW,đ•Ž! (^è—) ,μ,Ü,·□B

**/d[:“ú•t]**

Žw'è,μ,½“ú•t^ÈCEã,É•ì□X,³,é,½fRfs[][]CE³ftf@fCf<,¾, " ,đfRfs[][,μ,Ü,·□B“ú•t,ì'l,đŽw'è,μ,È, " ,é,î□A**xcopy** ,íŠù'¶,ìfRfs[][]æftf@fCf<,æ,è,à□V,μ,çfRfs[][]CE³ftf@fCf<,·,×,Ä,đfRfs[][,μ,Ü,·□B,± ,ìfjvfjvf#f" ,É,æ,è□A•ì□X,³ , ,Ä,½ftf@fCf<,¾, " ,đ□X□V,Ä,«,Ü,·□B“ú•t,đŽw'è,·,é□è□±,É,í□Afpf %of[]f^ ,Æ,μ,Ä%žŽß,³,è,Ä,μ,Ü,α,±,Æ,đ"đ, " ,é,½,ß□A<æ□Ø,è<L□t,Æ,μ,Ä " / " ,Ä,í,È,□A"- ,đŽg,α,æ,α ,É,μ,Ü,·□B

**/u**

Žó, 'α□ä,É'¶□Ÿ,·,éftf@fCf<,¾, " ,đ'—,è'α,©,çfRfs[][] (□X□V) ,μ,Ü,·□B

**/i**

'—,è'α,æfffBfCefNfgfŠ,đŽ!,μ,Ä,ç,é,©□A,Ü,½,íf[]fCf<fhfj[]fh,đŽw'è,μ,Ä,ç,é□è□±,É□AŽó, 'α ,á'¶□Ÿ,μ,È, " ,é,î□A**xcopy** ,íŽó, 'α ,æfffBfCefNfgfŠ,đŽw'è,·,é,à,ì,Æ"»'f,μ□A□V,μ,çfffBfCefNfgfŠ,đ[]□—,μ,Ä,©,ç□AŽw'è,μ,½,·,×,Ä,ìftf@fCf<,đ□

V,μ,ϕffBfCfNfgfŠ,ÉfRfs[μ,Ü,·BŠù'è,ìY'è,Á,íAxcopy ,ÍŽó,´α  
,²ftf@fCf<,Á, ,é,©ffBfCfNfgfŠ,Á, ,é,©,ìŽw'è,ð<β,éffbfZ[fw,ð•Ž!,μ,Ü,·B

/s

<ó,Á,È,ϕffBfCfNfgfŠ,ÆfTfuffBfCfNfgfŠ,ðfRfs[μ,Ü,·B,±,lfXfCfbf` ,ðÈ—ª,·,é,ÆAxcopy  
,ÍP^è,ìffBfCfNfgfŠ,É'í,μ,Á<@"λ,μ,Ü,·B

/e

<ó,ìè[ñ,Á,àA,·,x,Ä,lfTfuffBfCfNfgfŠ,ðfRfs[μ,Ü,·B/s , ,æ,Ñ /t fXfCfbf` ,Æ<α,ÉŽg,ϕ,Ü,·B

/t

ftf@fCf<,lfRfs[¹, ,ÉAftfuffBfCfNfgfŠ,ìY'ç (fcŠ[  
,¾, ,ðfRfs[μ,Ü,·B<ó,ìffBfCfNfgfŠ,ðfRfs[·, ,é,É,íA/e fXfCfbf` ,Æ,Æ,à,ÉŽg—p,μ,Ä,¾,¾,ϕB

/k

fRfs[CE³ftf@fCf<,²[',«[ž,Ý<ÖŽ~'®[« ,ðŽ[ ,Áèè[ñ,íA,» ,ì'®[« ,àfRfs[μ,Ü,·BŠù'è,ìY'è,Á,íAxcopy  
,ì[',«[ž,Ý<ÖŽ~'®[« ,ð%øð[œ,μ,Ü,·B

/r

[',«[ž,Ý<ÖŽ~ftf@fCf<,à[ã[',« ,μ,Ü,·B

/h

%B,μftf@fCf<'®[« ,ÆfVfXfef€ ftf@fCf<'®[« ,ðŽ[ ,Áftf@fCf<,àfRfs[μ,Ü,·BŠù'è,ìY'è,Á,íA  
%B,μftf@fCf<,Ü,½,lfVfXfef€ ftf@fCf<,lfRfs[³,è,Ü,¹,ñB

/a

fobfNfAfbfv ftf@fCf<'®[« ,²Y'è,³,è,Ä,ϕ,éftf@fCf<,¾, ,ðfRfs[μ,Ü,·B,±  
,lfXfCfbf` ,Á,íA fRfs[CE³ftf@fCf<,lfobfNfAfbfv ftf@fCf<'®[« ,ðC³,μ,Ü,¹,ñBfobfNfAfbfv  
ftf@fCf<'®[« ,ðY'è,·,é•ù-@,É,Á,ϕ,Ä,íAattrib fRf}f"fh,ðŽQ[Æ,μ,Ä,¾,¾,ϕB

/m

fobfNfAfbfv ftf@fCf<'®[« ,²Y'è,³,è,Ä,ϕ,éfRfs[CE³ftf@fCf<,ðfRfs[μ,Ü,·B/a fXfCfbf` ,Æ^á,Á,ÄA/m  
,É,æ,èfRfs[CE³,Æ,μ,ÄŽw'è,μ,½ftf@fCf<,lfobfNfAfbfv ftf@fCf<'®[« ,²lft,É,È,è,Ü,·BfobfNfAfbfv  
ftf@fCf<'®[« ,ðY'è,·,é•ù-@,É,Á,ϕ,Ä,íAattrib fRf}f"fh,ðŽQ[Æ,μ,Ä,¾,¾,ϕB

/n

NTFS fVf#[]fg ftf@fCf<-¼, ,æ,ÑffBfCfNfgfŠ-¼,ðŽg,Á,ÄfRfs[μ,Ü,·B,±,lfXfCfbf` ,ª•K—  
v,È,ì,íAftf@fCf<,Ü,½,ìffBfCfNfgfŠ,ð NTFS f{fŠf...[]f€,©,ç FAT f{fŠf...[]f€  
,ÉfRfs[·, ,éèè[ñA,Ü,½,lfRfs[[]æf{fŠf...[]f€[è,Ä FAT ftf@fCf< fVfXfef€,ì-¼'O•t,´<K'¥ (8.3) ,ª•K—  
v,Èèè[ñ,Á,·BfRfs[[]æftf@fCf< fVfXfef€,Æ,μ,ÄAFAT[Á,Ü,½,Í NTFS ,ðŽg—p,Á,« ,Ü,·B

/exclude:ftf@fCf<-¼

Žw'è,³,è,½ftf@fCf<,É^è—,³,è,Ä,ϕ,éftf@fCf<,ðAfRfs[[]'€[]i,©,ç[œŠO,μ,Ü,·B,±  
,ì[œŠOftf@fCf<,É[Á[œŠOfpf^[]f" ,ì^è—,ðŽw'è,μ,Ü,· (1 [s,É,Á,« 1 ,Ä,ÁAf[]fCf-fhf[]fh•qŽš,lfTf|  
[]fg,³,è,Ü,¹,ñ)B[œŠOftf@fCf<"à,ì[œŠOfpf^[]f" ,²A-Ú"l,lfTf@fCf<,lfpfX,ì,ϕ  
, ,é,©,ì"•ª ,Æ^èv,·,éèè[ñACE³,lfTf@fCf<,lfRfs[³,è,Ü,¹,ñB

/z

[Ä<N"®%A"vf,[]fh,Á[]f[]b[]g[]f[]N,ð%ô,μ,ÄfRfs[μ,Ü,·B

ŠÖ~A[€-Ú


Copy

Move

Dir

Xcopy ,ÉŠÖ,·,é[Ú×[î•ñ

Xcopy--[]

 Xcopy---á



### Xcopy--'□

#### fRfs□[□æ,İŠù'è'İ

fRfs□[□æ,đĚ—á,·,é,Æ□Aftf@fCf<,ÍCE»□Ý,İffBfCEfNfgfŠ,ÉfRfs□[·,³,è,Ü,·□B

#### fRfs□[□æ,²ftf@fCf<,Á,·,é,©ffBfCEfNfgfŠ,Á,·,é,©,đŽw'è,·,é

fRfs□[□æ,²Šù'¶,İffBfCEfNfgfŠ,Á,İ,È,□A%~<L□† (\) ,Á□İ,í,Á,Ä,ç,È,·,é,İ□AZŸ,İCE`Ž® ,Áf□fbfZ□[fW,²·\ Žİ,³,è,Ü,·□B

<Žó,·'«>,İŽó,·'«,İftf@fCf<-¼,Á,·,©,·,»·,è,Æ,àffBfCEfNfgfŠ-¼,Á,·,©.

<F = ftf@fCf<-¼, D = fffBfCEfNfgfŠ-¼>?

ftf@fCf<,Éftf@fCf<,đfRfs□[ (□ă□',«) ,μ,½,ç□ê□#,Í F fL□[,đ

%oŸ,μ,Ü,·□Bftf@fCf<,đffBfCEfNfgfŠ,ÉfRfs□[·,μ,½,ç□ê□#,Í□AD fL□[,đ%oŸ,μ,Ü,·□B

/İ fXfCfbf` ,đŽg,«,Æ□A,±,İf□fbfZ□[fW,đ·Žİ,μ,È,ç,æ,«,É,Á,«,Ü,·□B/İ fXfCfbf` ,đŽg,«

,Æ□A fRfs□[CE³,²·İ□,İftf@fCf<,Ü,½,İffBfCEfNfgfŠ,Á,·,é□ê□#,É□A fRfs□[□æ,İffBfCEfNfgfŠ,Á,·,é,Æ"»'f,³,è,Ü,·□B

#### xcopy ,Á,İfRfs□[□æftf@fCf<,İfofbfNfAfbfv'@□«,²Ý'è,³,è,Ü,·

xcopy ,Á,İ□A fRfs□[CE³ftf@fCf<,ÁfofbfNfAfbfv'@□«,²Ý'è,³,è,Ä,ç,½,©,Ç,«,©,ÉŠÖCEW,È,-

□A fRfs□[□æftf@fCf<,ÉfofbfNfAfbfv'@□«,²Ý'è,³,è,Ü,·□Bftf@fCf<'@□«,İ□Ú□x,É,Á,ç,Ä,İ□Aattrib fRf}f"fh,đŽQ□Æ,μ,Ä,,¾,¾,ç□B

#### xcopy ,Æ diskcopy

fTuffBfCEfNfgfŠ,Éftf@fCf<,²·ü,Á,Ä,ç,éffBfXfN,²,·,è□A,»·,è,đ·É,İftfH□[f}fbfg,İffBfXfN,ÉfRfs□[·,μ,½,ç□ê□#

,Í□Adiskcopy ,İ'ä,İ,è,É xcopy fRf}f"fh,đŽg,ç,Ü,·□Bdiskcopy fRf}f"fh,Á,İffBfXfN,²fgf %ofbN,²,Æ,ÉfRfs□[·,³,è,é,İ,Á□A fRfs□[CE³,ÆfRfs□[□æ,İffBfXfN,²·~ ,İftfH□[f}fbfg,Á,È,·,é,İ,È,è,Ü,¹,ñ□Bxco py ,Á,İ,»·,İ·K—v,İ,·,è,Ü,¹,ñ□B^è"É,É□A fffBfXfN fCf□□[fW,đŠ@'S,ÉfRfs□[·,μ,½,ç□ê□#^ÉŠÖ,İ□Axcopy ,đŽg,ç,Ü,·□B

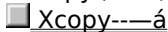
#### xcopy ,İ□—¹fR□[fh

ŽŸ,É□A□İ—¹fR□[fh,Æ,»·,İ^Ó—İ,đŽİ,μ,Ü,·□B

- 0 ftf@fCf<,²³□í,ÉfRfs□[·,³,è,½□B
- 1 fRfs□[·,·,éftf@fCf<,²CE©,Á,©,ç,È,©,Á,½□B
- 2 **Ctrl + C** fL□[,đ%oŸ,μ,Ä xcopy ,đ□İ—  
¹,μ,½□B
- 4 □%Šú%»Žž,ÉfGf%□[·,²· -  
□¶,μ,½□Bf□f,fŠ,Ü,½,İffBfXfN—e—  
É,²·s'«·,μ,Ä,ç,é,©□A fRf}f"fh f%ofCf" ,É-  
³CEø,Éfhf%ofCfu-¼,Ü,½,İ-³CEø,É□\  
·¶,²Žw'è,³,è,Ä,ç,é□B
- 5 fffBfXfN,İ□',«□ž,ŸfGf%□[·,²·□¶,μ,½□B

fofbf` ftf@fCf<,İ if fRf}f"fh□ä,Á errorlevel fpf%of□□[f^ ,đŽg,«,Æ□Axcopy ,©,ç·Ó,³,è,é□İ—¹fR□[fh,đ□^—  
□,Á,«,Ü,·□Bxcopy---á,đŽQ□Æ,μ,Ä,,¾,¾,ç□B

Xcopy ,ÉŠÖ,·,é□Ú□x□İ·ñ



Xcopy



Xcopy





**Xcopy---**

fhf%ofCfu A ,lffBfXfN, © ,çfhf%ofCfu B ,lffBfXfN,ÉA, ,x,Ä,lftf@fCf<,ÆfTfufffBfCfNfgfŠ  
(ó,lftfufffBfCfNfgfŠ,ðŠÜ,Þ) ,ðfRfs[ , ,é,É,ÍAŽŸ,ì,æ,æ,É“ü—í,μ,Ü,·B

**xcopy a: b: /s /e**

ã<L,É%Á,í,ÄfVfXfef€ ftf@fCf<,Ü,½,Í%B,μftf@fCf<,àfRfs[ , ,é,É,ÍA/h fXfCfbf` ,ð'Ç%Á,μ,Ü,·B

**xcopy a: b: /s /e /h**

ffBfCfNfgfŠ REPORTS ,lftf@fCf<,ðAfffBfCfNfgfŠ RAWDATA ,Å 1993 "N 12 ÇŽ 29  
“ú^È~ ,É•íX,á ,Á,½ftf@fCf<,ÉXV, , ,é,É,ÍAŽŸ,ì,æ,æ,É“ü—í,μ,Ü,·B

**xcopy \rawdata \reports /d:12-29-93**

ã<L,ì—á,ÅA\REPORTS [ , ,é,É,íY, , ,x,Ä,lftf@fCf<,ð“ú•t,ÉŠÖÇEW,È,XV, , ,é,É,ÍAŽŸ,ì,æ,æ,É“ü—  
í,μ,Ü,·B

**xcopy \rawdata \reports /u**

ftf@fCf<,ðfRfs[ , , ,ÉAã<L,ìfRf}f“fh,ÄfRfs[ , ,é,É,éftf@fCf<,ì^ê— , ,¾, , ,ðí— , ,é,É,ÍAŽŸ,ì,æ,æ,É“ü—  
í,μ,Ü,·B

**xcopy \rawdata \reports /d:12-29-93 /l > xcopy.out**

ftf@fCf< XCOPY.OUT ,É,íAfRfs[ , ,íU,Æ,È,éftf@fCf<, , ,x,Ä^ê— , ,é,Ü,·B

ffBfCfNfgfŠ \CUSTOMER ,Æ, ,x,Ä,lftfufffBfCfNfgfŠ,ðAó,lffBfCfNfgfŠ,ðŠÜ,ß,ÄAflfbfgf[fN fhf  
%ofCfu H: [ , ,lffBfCfNfgfŠ \PUBLICADDRESS ,ÉfRfs[ , ,μA , «ž,Ý<ÖŽ~'®[ , ,ðŽc,μ,½,ç  
,Æ,μ,Ü,·B,Ü,½AV,μ,çftf@fCf<, , H: [ , ,É,í— , ,é,É,Æ,« ,Éfvf“fvfg,ðo, ,æ,æ,É, ,é,É,ÍAŽŸ,ì,æ,æ,É“ü—  
í,μ,Ü,·B

**xcopy \customer h:\public\address /s /e /k /p**

ã<L,Æ^—í,í—[ , ,ðŽÅs,μA, © ,ÄfffBfCfNfgfŠ \ADDRESS , ,é,É,íY,μ,È,çê[ , ,É,àfvf“fvfg,ðo, , , ,É

**xcopy** ,É,æ,èffBfCfNfgfŠ, ,í— , ,é,É,æ,æ,É, ,é,É,ÍA/i fXfCfbf` ,ð'Ç%Á,μ,Ü,·B

**xcopy \customer h:\public\address /s /e /k /p /i**

**xcopy** ,ðŽÅs, , ,éofbf` ftf@fCf<,ðí— , ,μ,ÄAfGf%[ , , ,é,í,μ,½ê[ , ,íofbf` if fRf}f“fh,ðŽg,Á,Äí—  
½fR[fh,ð^—[ , ,Á,« ,Ü,·B,½,Æ,í,ÍAŽŸ,íofbf` ftf@fCf<,Á,ÍA**xcopy** ,ìfRfs[ [É ,ÆfRfs[ [æ,ìfjpf  
%f[ [f^ ,Æ,μ,ÄA'u,«Š , ,í%Ä“\pf%f[ [f^ , , ,é,í,Ä,ç,Ü,·B

@echo off

rem COPYIT.BAT ,í— , ,é'xfhf%ofCfu (%1) ,ì, ,x,Ä,lftfufffBfCfNfgfŠ,ì  
rem 'Sftf@fCf<,ðŽó, ,xfhf%ofCfu (%2) ,Ö" ]— , ,μ,Ü,·

xcopy %1 %2 /s /e

if errorlevel 4 goto lowmemory  
if errorlevel 2 goto abort  
if errorlevel 0 goto exit

:lowmemory

echo ftf@fCf<,ðfRfs[ , ,é,½,ß,ìfjpf,š , ,é,« ,è,Ü, , ,ñ.  
...cho ,Ü,½,ìfhf%ofCfu , ,é,ç,ìfRf}f“fh,ìŽ@ , ,é^á,ç,Ü,·  
goto exit

:abort

echo Ctrl + C fL[ , ,é%Ÿ , ,é,½,ì,ÄfRfs[ , ,ðí— , ,μ,Ü,μ,½.

goto exit

:exit

,±,lfobf`ftf@fCf<,đŽg,Á,ÄAfffBfCfNfgfŠ C:\PRGMCODE ,Æ,»,lftfuuffBfCfNfgfŠ,ì,·,×,Ä,lftf@fCf<,đfhf  
%ofCfu B ,ÉfRfs[,·,é,É,ÍAŽŸ,lRf}f“fh,đ“ü—Í,μ,Ü,·B

**copyit c:\prgmcodes b:**

fRf}f“fh fCf“f^fvfŠf^,É,æ,èA%1 ,É C:\PRGMCODE ,a’ä“ü,³,êA%2 ,É B: ,a’ä“ü,³,ê,ÄAxcopy ,Æ<α,É  
/e , ,æ,Ñ /s fXfCfbf` ,aŽg,í,é,Ü,·BfGf%o[,a”q[,·,é,ÆAfofbf`ftf@fCf<,É,æ,è|—  
¹fR[fh,ª“Ç,ÝŽæ,ç,èAŠY”-.,.é if errorlevel fXfe[lfgf“fg,ÅŽ!,³,ê,½f%ofxf<,Éi,Ý,Ü,·B,»,μ,Ä Windows  
NT ,É,æ,èAŠY”-.,.éfbfZ[fW,ª•Ž!,³,êAfofbf`ftf@fCf<,ª|—¹,μ,Ü,·B

Xcopy ,ÉŠÖ,·,éÚ×î•ñ

Xcopy--'

Xcopy



### MS-DOS ,Æ,ì^á,¢

Windows NT ,Á,íAMS-DOS fRf}f“fh,ì,Ù,Ú,·, x ,Ä,ì<@”\,²Žc,³,è□A,³,ç,É<%o»³,ê,½<@”\,à, ,è,Ü,·□BŽÿ,ì•\ ,Á,í□A□V,μ,¢ Windows NT fRf}f“fh□AMS-DOS fRf}f“fh,É‘Í,·,é•í□X□A—~—p,Á,«,È,¢ MS-DOS fRf}f“fh,É,Á,¢,Ä□à-¾,μ,Ü,·□B

### Windows NT fRf}f“fh

,±,ì•\,Á,íAMS-DOS ,É,í,È,¢ Windows NT fVfXfef€ fRf}f“fh,É,Á,¢,Ä□à-¾,μ,Ü,·□B

<b>fRf}f“fh</b>	<@”\
<b>At</b>	fRf}f“fh,Æfvf□fOf%of€ ,³□AŽw’è,μ,½“úŽž,ÉfRf“fsf... □[f^□ã,ÄŽÄ□s,³,é,é,æ,π ,ÉfXfPfwf...□[f<,μ,Ü,·□B
<b>Cacsls</b>	ftf@fCf<,ìfAfNfZfX□\$ÆäfŠfXfg (ACL) ,ð•\Žì,Ù,½,í•í□X,μ,Ü,·□B
<b>Convert</b>	ftf@fCf< fVfXfef€ ,ð FAT ,©,ç NTFS ,É•İŠ·,μ,Ü,·□B
<b>Diskperf</b>	fVfXfef€ fffBfXfN fpftfH□[f}f“fX fjfEf“f^,ìŽg— p,ðŠ]Žn□A’âŽ~□A,“ ,æ,Ñ,» ,ìŽg— p□ó<μ,ì•\Žì,ð,μ,Ü,·□B
<b>Dosonly</b>	MS-DOS fx□[fX,ìfAfvfŠfP□[fvf#f“^ÈŠO,í□ACO MMAND.COM fvf□[“fvfg,©,ç<N“@,Á,«,È,¢,æ,π ,É,μ,Ü,·□B
<b>Echoconfig</b>	MS-DOS ftfufVfXfef€,ì CONFIG.NT ftf@fCf<,ð“Ç,ŸŽæ,é,Æ,« ,É□Af□fbfZ □[fW,ð•\Žì,·,é,æ,π,É,μ,Ü,·□B
<b>Endlocal</b>	ŠÄ<<•í□”,ìf□□[fj%ofCfY,ð□ — ¹,μ,Ü,·□B
<b>Findstr</b>	□³<K•\ Æ» ,ðŽg,Á,Äftf@fCf<’t,ìfefLfxfg,ðÆ Ÿ□ð,μ,Ü,·□B
<b>Ntcmdprompt</b>	TSR ,ìŽÄ□sÆã□A,Ü,½,í MS-DOS fAfvfŠfP□[fvf#f“ ,ì’t,©,çfRf}f“fh fvf□[“fvfg,ð<N“@,μ,½,Æ,« ,É□ACO MMAND.COM ,Á,í,È,□AWindows NT ,ìfRf}f“fh fCf“f^fvfŠf^□ACMD.EXE ,ðŽÄ□s,μ,Ü,·□B
<b>Popd</b>	<b>pushd</b> fRf}f“fh,Á□ÁÆã,É□Ÿ’è,μ,½fffBfCef NfgfŠ,É^Ú“@,μ,Ü,·□B
<b>Pushd</b>	Æ»□Ÿ,ìfffBfCefNfgfŠ,ð <b>popd</b> fRf}f“fh,ÁŽg,ì,é,æ,π ,É•Ü’¶,μ□AŽw’è,μ,½fffBfCefNfgfŠ,

**Setlocal**      É^Ú“® ,μ,Ü,·□B  
 ŠÂ««•ï□”,)f□□[fjf  
 %ofCfY,ðŠJŽn,μ,Ü,·□B  
**Start**        Žw’è,μ,½fvf□fOf%of€  
 ,Ü,½,ífRf}f“fh,ª 2  
 ŽŸfEfBf“fhfE,“ ,æ,Ñ“ÆŽ© ,)f□f,fŠ—  
 î^æ,ÅŽÅ□s,³,è,Ü,·□B  
**Title**        fRf}f“fh fvf□“fvfg  
 fEfBf“fhfE,íf^fCfjg<,ðŸ’è,μ,Ü,·□B  
**&&**            ,±,ì<L□t,ìCEä,É’±,-  
 fRf}f“fh,í□A<L□t,ì’O,ífRf}f“fh,ª□—  
 CE+,μ,½□é□‡,É,¾,~ ŽÅ□s,³,è,Ü,·□B  
**||**            ,±,ì<L□t,ìCEä,É’±,-  
 fRf}f“fh,í□A<L□t,ì’O,ífRf}f“fh,ªŽ,“s  
 ,μ,½□é□‡,É,¾,~ ŽÅ□s,³,è,Ü,·□B  
**&**            fRf}f“fh f  
 %ofCf“□ä,Å•i□”,)fRf}f“fh,ð<æ□Ø,è,  
 Ü,·□B  
**( )**        fRf}f“fh,ðfOf<□[fv%o» ,μ,Ü,·□B  
 ^        fGfXfP□[fv•ŋŽš□BfRf}f“fh<L□t,ðfef  
 LfXfg,Æ,μ,Ä“ü—í,Å,« ,Ü,·□B  
 ; ,Ü,½,í ,      fpf%of□□[f^ ,ð<æ□Ø,è,Ü,·□B

### MS-DOS fRf}f“fh,É’í,·,é•ï□X

,±,ì•\,Å,í□AMS-DOS fRf}f“fh,É’í,·,é•ï□X“à—e,Æ%oü‘P“à—e,É,Å,ç,Ä□à-¾,μ,Ü,·□B

**fRf}f“fh**      •ï□X,³,è,½<@”\  
**chcp**        fR□[fh fy□[fW,ðftf< fXfNfŠ□[f“  
 f,□[fh,Å,ì,Y•ï□X,μ,Ü,·□B  
**cmd**        CMD.EXE ,ª COMMAND.COM  
 ,ð’u,«Š,!,Ü,μ,½□B  
**del**        □V,μ,çfXfCfbf` ,í□A,³,ç,É’½□”,ì<@”\  
 ,ð’ñ<Ÿ,μ,Ü,·□B  
**dir**        □V,μ,çfXfCfbf` ,í□A,³,ç,É’½□”,ì<@”\  
 ,ð’ñ<Ÿ,μ,Ü,·□B  
**diskcomp**    fXfCfbf` /1 ,Æ /8 ,)fTf|  
 □[fg,³,è,Ü,¹,ñ□B  
**diskcopy**    fXfCfbf` /1 ,)fTf|□[fg,³,è,Ü,¹,ñ□B  
**doskey**      fofbftf@“ü—í,ðŽg—  
 p,·,é,·,x,Å,ì•ŋŽšfx□[fX,ífvf□fOf  
 %of€,É—~—p,Å,« ,Ü,·□B,±  
 ,ì,Ü,©,É,à□Adoskey ,í,ç,-  
 ,Å,©,ì“\_ ,Å<%o» ,³,è□A%oü—  
 Ç,³,è,Ä,ç,Ü,·□B  
**format**      20.8 MB ftf□fvfefBfjfk fffBfXfN fhf

%fCfu,³fTf|[]fg,³,è,Ü,·BfXfCfbf`  
 /b[]A/s[]A,¨,æ,Ñ /u ,íftf|  
 []fg,³,è,Ü,¹,ñ[]B

**keyb** KEYBOARD.SYS ,ðŽg,í,È,-  
 ,È,è,Ü,µ,½[]B

**label** <L[]t ^ ,¨,æ,Ñ & ,ðf{fŠf...[]f€ f  
 %ofxf<,ÉŽg—p,Å,«,Ü,·[]B

**mode** ‘â•□,É•ï[]X,³,è,Ä,ç,Ü,·[]B

**more** []V,µ,çfXfCfbf` ,í[]A,³,ç,É‘½[]”,ì<@”\  
 ,ð’ñ<Ÿ,µ,Ü,·[]B

**path** %PATH% ŠÅ««•ï[]”,í[]Afrf}f“fh  
 fvf[]f“fvfg,É,¨,ç  
 ,Ä[]V,µ,çfjpfX[]Ÿ’è,ÉCE»[]Ÿ,ìjpfX,ð’Ç  
 %oÁ,µ,Ü,·[]B

**print** fXfCfbf` /  
 b[]A/u[]A/m[]A/s[]A/q[]A/t[]A/c[]A,¨,  
 æ,Ñ /p ,íftf|[]fg,³,è,Ü,¹,ñ[]B

**prompt** []V,µ,ç•¶Žš,ì’g,Ÿ[]ž,í,¹,É,æ,è[]Afvf[]  
 f“fvfg,ÉfAf“fjpfTf“fh (\$a)[]A,©,Á,±  
 (\$c ,Æ \$f)[]A,¨,æ,ÑfXfy[]fX (\$s)  
 ,ð’Ç%oÁ,Ä,«,Ü,·[]B

**recover** ftf@fCf<,¾,¨,ð%oñ•œ,³,¹,é,±  
 ,Æ,³,Ä,«,Ü,·[]B

**rmdir** []V,µ,ç /s  
 fXfCfbf` ,Ä,í[]Aftf@fCf<,¨,æ,ÑfTfufff  
 BfCEfNfgfŠ,ì”ü,Ä,Ä,ç  
 ,éffBfCEfNfgfŠ,ð[]í[]œ,µ,Ü,·[]B

**sort** TEMP ŠÅ««•ï[]”,í•s—  
 v,Ä,·[]Bftf@fCf< fTfCfY,í-  
 ³[]\$CEÁ,Ä,·[]B

**xcopy** []V,µ,çfXfCfbf` ,í[]A,³,ç,É‘½[]”,ì<@”\  
 ,ð’ñ<Ÿ,µ,Ü,·[]B

—~—p,Å,«,È,ç MS-DOS fRf}f“fh

ŽŸ,ì MS-DOS fRf}f“fh,í[]Afrf}f“fh fvf[]f“fvfg,©,ç—~—p,Å,«,Ü,¹,ñ[]B

**fRf}f“fh** []V,µ,çŽè[]ž[]A,Ü,½,íŽg,í,è,È,-  
 ,È,Ä,½—[]—R

**assign** Windows NT ,Ä,íftf|  
 []fg,³,è,Ü,¹,ñ[]B

**choice** **choice** fRf}f“fh,í[]ACE»[]Ÿ,ì,Æ,±  
 ,èftf|[]fg,³,è,Ü,¹,ñ[]B

**ctty** CE»[]Ÿ,ì,Æ,±,èftf|[]fg,³,è,Ü,¹,ñ[]B

**dblspace** **dblspace** fvf[]fOf%of€,í[]Aftf|  
 []fg,³,è,Ü,¹,ñ[]B

**defrag** Windows NT ,É,æ,è□AfffBfXfN,iŽg  
—p□ó<μ,ÍŽ©“@“l,É□Å“K  
%oo»,<sup>3</sup>,ê,Û,·□B

**deltree** **rmdir /s**  
fRf}f“fh,É,æ,è□Aftf@fCf<,Æftfufff  
BfCefNfgfŠ,<sup>3</sup>ŠÛ,Û,ê,éfffBfCefNfgfŠ,Í  
□í□œ,<sup>3</sup>,ê,Û,·□B

**dosshell** Windows NT ,Å,í•s—v,Å,·□B

**drvspace** **drvspace** fvff□fOf%of€  
,í□ACE»□Y,ì,Æ,±,ëfTfj  
□[fg,<sup>3</sup>,ê,Û,<sup>1</sup>,ñ□B

**emm386** Windows NT ,Å,í•s—v,Å,·□B

**fasthelp** ,±,ì MS-DOS 6.0  
fRf}f“fh,í□AWindows NT ,ì **help**  
fRf}f“fh,Æ“˘,¶,Å,·□B,Û,½□AWindo  
ws NT ,í [f□fCf“] fvff□fOf%of€  
fOf<□[fv,ì [Windows NT fwf<fv]  
fAfCfRf“,Å□Aflf“f%ofCf“ fRf}f“fh  
fŠftf@fCef“fX,à’ñ<ÿ,μ,Û,·□B

**fdisk** fffBfXfN  
fAfhf~fjXfgfC□[f^,ª□AWindows  
NT —p,Éfn□[fh  
fffBfXfN,ìŠÅ<<,ð□Y’è,μ,Û,·□B

**include** MS-DOS fTfuVfXfef€  
,ìf}f’f’ □Y’è,íftf|□[fg,<sup>3</sup>,ê,Û,<sup>1</sup>,ñ□B

**interlnk** **interlnk** fvff□fOf%of€,íftfj  
□[fg,<sup>3</sup>,ê,Û,<sup>1</sup>,ñ□B

**intersrv** **intersrv** fvff□fOf%of€,íftfj  
□[fg,<sup>3</sup>,ê,Û,<sup>1</sup>,ñ□B

**join** fp□[fefBfVfjf“ ,íftfCfY,ª’â,«,-  
,É,è□Aftf@fCf< fvXfef€,ª%oü—  
Ç,<sup>3</sup>,ê,½,½,ß□Afhf  
%ofCfu,ðC<□‡,·,é•K—v,ª,É,-  
,É,è,Û,μ,½□B

**memmaker** Windows NT ,Å,í□AMS-DOS  
fTfuVfXfef€,ìf□f,fŠŽg—  
p□ó<μ,ªŽ©“@“l,É□Å“K  
%oo»,<sup>3</sup>,ê,Û,·□B

**menucolor** MS-DOS fTfuVfXfef€  
,ìf}f’f’ □Y’è,íftf|□[fg,<sup>3</sup>,ê,Û,<sup>1</sup>,ñ□B

**menudefault** MS-DOS fTfuVfXfef€  
,ìf}f’f’ □Y’è,íftf|□[fg,<sup>3</sup>,ê,Û,<sup>1</sup>,ñ□B

**menuitem** MS-DOS fTfuVfXfef€  
,ìf}f’f’ □Y’è,íftf|□[fg,<sup>3</sup>,ê,Û,<sup>1</sup>,ñ□B

**mirror** Windows NT ,Å,íftfj  
□[fg,<sup>3</sup>,ê,Û,<sup>1</sup>,ñ□B

<b>msav</b>	<b>msav</b> fvf□fOf%of€.,íTfj  □[fg,³,è,Ü,¹,ñ□B
<b>msbackup</b>	Windows NT ,í□Afe□[fv fhf %ofCfu,²“<□Ú,³,è,Ä,ç,éRf“fsf... □[f^CEü, ,É,ífofbfNfAfbfv ft□[fefBfŠfefB ([ŠÇ—□fc□[f<  fOf<□[fv) ,ð□A,Ü,½,ífe□[fv fhf %ofCfu,²“<□Ú,³,è,Ä,ç,É,çRf“fsf... □[f^CEü, ,É,í <b>backup</b> , ,æ,Ñ <b>xcopy</b> fRf}f“fh,ð’ñ<Ÿ,µ,Ü,·□B
<b>mscdex</b>	CD-ROM fhf%ofCfu,²Žg,!,é,æ,α,É MS-DOS fTfuVfXfef€ ,ðŸ’è,·,é•K —v,í, ,è,Ü,¹,ñ□BWindows NT ,Ä,í□AMS-DOS fTfuVfXfef€,©,ç CD-ROM fhf %ofCfu,ÉfAfNfZfX,Ä,«,Ü,·□B
<b>msd</b>	ŠÇ—□fc□[f< fOf<□[fv,ì Windows NT □f’ffvf□fOf%of€,ðŽg—p,µ,Ü,·□B
<b>numlock</b>	<b>numlock</b> fRf}f“fh,í□ACE»Ÿ,ì,Æ,± ,èTfj □[fg,³,è,Ü,¹,ñ□B
<b>power</b>	<b>power</b> ft□[fefBfŠfefB,íTfj  □[fg,³,è,Ü,¹,ñ□B
<b>scandisk</b>	<b>scandisk</b> ft□[fefBfŠfefB,íTfj  □[fg,³,è,Ü,¹,ñ□B
<b>smartdrv</b>	Windows NT ,Ä,í□AMS-DOS fTfuVfXfef€—p,ìLfffbfVf...<@“\ ,²Ž©“@“! ,É’ñ<Ÿ,³,è,Ü,·□B
<b>submenu</b>	MS-DOS fTfuVfXfef€ ,ì}f<f’ Ÿ’è,íTfj □[fg,³,è,Ü,¹,ñ□B
<b>sys</b>	Windows NT ,í□A•W□€ 1.2 MB ,Ü,½,í 1.44 MB ft□[fbfs□[ fffBfXfN,É,í“ü,è,«,è,Ü,¹,ñ □B
<b>undelete</b>	Windows NT ,Ä,íTfj  □[fg,³,è,Ü,¹,ñ□B
<b>unformat</b>	Windows NT ,Ä,íTfj  □[fg,³,è,Ü,¹,ñ□B
<b>vsafe</b>	<b>vsafe</b> fvf□fOf%of€,íTfj  □[fg,³,è,Ü,¹,ñ□B



**LAN Manager ,Æ,ì^á,ç**

ŽŸ,ì•\,í□ALAN Manager fo□[fWf#f“ 2.1a ^È□~ ,É•ï□X,Ü,½,í’Ç%oÁ,³,è,½fRf}f“fh,ðŽ!,µ,Ä,ç,Ü,·□TCP/IP  
fRf}f“fh,ì^è—,ì□Ú□x,É,Ä,ç,Ä,í□ATCP/IP ft□[fefBfŠfefB,ðŽQ□Æ,µ,Ä,,¾,¾,ç□B

**LAN Manager ,©,ç’Ç%oÁ,Ü,½,í•ï□X,³,è,½fRf}f“fh**

**fRf}f“fh** <@”\

**at** f[]fj< fXfPfwf...  
 []fšf“fO,ì,Ù,©,É[]AfRf“fsf...  
 []f^,lfCfxf“fg,đfšf,[]fg,ÉfXfPfwf...  
 []f<,Á,«,Ü,·[]B

**lpxroute** []V,μ,çfRf}f“fh,Á,í[]Afg[]fNf“  
 fšf“fO flfbfgf[]fN,ì NWLink  
 fvf[]fgfRf<,lf<[]fefBf“fO,²fTf|  
 []fg,³,ê,Ü,·[]B

**net accounts** fT[]fo[][,ì-đš,,,đŸ’è,·,é,±  
 ,Æ,í,Á,«,Ü,¹,ñ[]BWindows NT  
 ,lfZfLf...fšfefB<@”\  
 ,É,æ,èf[]fbfNfAfEfg,²[]\$Eä,³,ê,  
 ,Ü,·[]B

**net computer** ,±  
 ,ì[]V,μ,çfRf}f“fh,É,æ,è[]Afhf[]  
 Cf“ f[]f^fx[]fX,©,çfRf“fsf...  
 []f^,đ’Ç  
 %oÁ,Ü,½,í[]í[]œ,Á,«,Ü,·[]B,±  
 ,lfRf}f“fh,í Windows NT  
 Server ,đŽÀ[]s,·,éRf“fsf...  
 []f^,Á,¾,~—p,Á,«,Ü,·[]B

**net config** fsfA<@”\,í[]AWindows NT ,É-  
 {—^”đ,í,Á,Ä,ç,Ü,·[]B•Ê“r,É

**net config peer**  
 ,È,Ç,lfRf}f“fh,í•s—  
 v,É,È,è,Ü,μ,½[]B

**net config server** ,Ü,Æ,ñ,Ç,lffbfgf[]fN  
 fT[]fxfX,ÍŽ©“@[]\  
 []→,³,ê,Ü,·[]BfxfCfbf`  
**/autodisconnect[]A/srvco  
 mment[]A,“ ,æ,Ñ /hidden**  
 ,đŸ’è,Á,«,Ü,·[]BfxfCfbf`  
**/srvhidden** ,í[]ACE»[]Ÿ,Á,í  
**/hidden** ,É,È,Á,Ä,ç,Ü,·[]B

**net config workstation** ,Ü,Æ,ñ,Ç,lffbfgf[]fN  
 fT[]fxfX,ÍŽ©“@[]\  
 []→,³,ê,Ü,·[]BfxfCfbf`  
**/charcount[]A/chartime[]A,**  
 “ ,æ,Ñ **/charwait**  
 ,đŸ’è,Á,«,Ü,·[]B

**net continue** ^óü,đ[]\$Eä,·,é,É,í[]Afvfšf“f^  
 ,ì [fvf[]fpfefB] f\_fCfA[]fO  
 f{fbfNfX,đŽg,ç,Ü,·[]BCEp’±  
 ,μ,Á^èžž’âž~ ,Á,«,éT[]fxfX,ì^  
 è— ,É,Á,ç,Á,í[]A,±,ì•\,ì **net  
 pause** ,đŽQ[]Æ,μ,Á,,¾,³,ç[]B



**net group** ,ÍfOf□□[fof< fOf<□[fv,ðŠÇ— □,μ,Ü,·□Bfhf□fCf“,ìf□f“fo□[.Å, , éfRf“fsf...□[f^□ê—p,Å,·□B

**net localgroup** ,±,ì□V,μ,¢fRf}f“fh,Íf□□[fjf< fOf<□[fv,ðŠÇ—□,μ,Ü,·□B

**net pause** ^êŽž’âŽ~ ,Å,«,éflfbfgf□□[fN fT□[frfX,Í□Aftp publishing service□Alpdsvc□Anet logon□Anetwork dde□Anetwork dde dsdm□Ant lm security support provider□Aremote access server□Aschedule□Aserver□A simple tcp/ip services□A,Ü,½,Í workstation ,Å,·□BfvfŠf“f^,ðŠÇ— □,·,é,É,Í□AfvfŠf“f^,ì [fvf□fpfefB] f\_fCfAf□fO f{fbfNfX,ðŽg,¢,Ü,·□B file server for macintosh ,Æ remoteboot ,Í□AWindows NT Server ,Å,ì,Ý—~—p,Å,«,Ü,·□B

**net print** fvfŠf“f^,ðŠÇ— □,·,é,É,Í□AfvfŠf“f^,ì [fvf□fpfefB] f\_fCfAf□fO f{fbfNfX,ðŽg,¢,Ü,· (fvfŠf“f^,ðf}fEfX,ì %oEf{f^f“,ÅfNfŠfbfN,μ,Ä□A[f vf□fpfefB] ,ðfNfŠfbfN,μ,Ü,·)□B

**net send** ftf@fCf<,ì’—□M,ÍfTf| □[fg,³,é,Ü,¹,ñ□B/**broadcast** fXfCfbf` ,ÍfTf|□[fg,³,é,Ü,¹,ñ□B

**net share** fŠf,□[fgŠÇ—□,íŽ©“® %o»³,é,Ä,¢,Ü,·□BfvfŠf“f^,ð<α —L,·,é,É,Í□AfvfŠf“f^,ì [fvf□fpfefB] f\_fCfAf□fO f{fbfNfX,ðŽg,¢ ,Ü,·□B’É□MfffofCfX,ìfLf... □[ ,Í□A,±,ìfŠfŠ□[fX,Å,ÍfTf| □[fg,³,é,Ü,¹,ñ□B

**net start** <N“® ,Å,«,éflfbfgf□□[fN fT□[frfX,Í□Aalerter□Aclient service for netware□Aclipbook server□Acomputer browser□Adhcp

client□Adirectory  
 replicator□Aeventlog□Aftp  
 publishing  
 service□Alpdsvc□Amessenge  
 r□Anet logon□Anetwork  
 dde□Anetwork dde  
 dsdm□Anetwork monitor  
 agent□Ant lm security  
 support  
 provider□Aole□Aremote  
 access connection  
 manager□Aremote access  
 insnap service□Aremote  
 access server□Aremote  
 procedure call (rpc)  
 locator□Aremote procedure  
 call (rpc)  
 service□Aschedule□Aserver□  
 Asimple tcp/ip  
 services□Asnmp□Aspooler□A  
 tcp/ip netbios  
 helper□Aups□A, ,æ,Ñ  
 workstation ,Å,·□B  
 ŽŸ,ìfT□[fxfX,Í Windows NT  
 Server ,Å,ì,Ÿ—  
 p,Å,«,Ü,·□Bfile server for  
 macintosh□Agateway service  
 for netware□Amicrosoft dhcp  
 server□Aprint server for  
 macintosh□Aremoteboot□Awi  
 ndows internet name  
 service□B

'□  
 fT□[fxfX,ðŽ©“®“l,ÉŠJŽn,·,é,  
 æ,x,ÉŸ'è,Å,«,é,±  
 ,Æ,É'□^Ó,μ,Ä,,¾,¾,¾,ç□B  
 Ž©“®“l,É□\□-,¾,è,Ü,·□B  
 ,±  
 ,ì□V,μ,çfT□[fxfX,Í□Aft□[fU□[,É'  
 É'm,μ,È,¯,è,Î,È,ç,È,ç□d'â,ÈfVf  
 Xfef€□AfZfLf...  
 fŠfefB□A, ,æ,ÑfAfvfŠfP□[fVf#f  
 “ fCxf“fg,ìf□fO,ð,Æ,è,Ü,·□B

**net start alerter**

**net start eventlog**

**net start messenger**

**net start net logon**

**net start directory** Replicator

**replicator** fT[f]rfX,ðY'è,·,é,É,íAfT[f]o  
[f]f}f[f]Wff,ðŽg,ç,Û,·B

**net start server** fT[f]o[f] fT[f]rfX,ðY'è,·,é,É,í  
AfT[f]o[f]f}f[f]Wff,ðŽg,ç  
,Û,·B

**net start snmp** V,μ,çf]fvfVf}f“,É,æ,èf]Mf“f  
O,ª%oÄ“\,É,È,è,Û,·B

**net start workstation** f[f]NfXfe[f]Vf}f“,íAfZfbfgf  
AfbfvŽž,ÆŠeŽifAfvfŠfP[f]Vf}f  
“,ÄY'è,ª,è,Û,·B

**net statistics** fsfA<@“\,í Windows NT ,É-{-  
^“ö,í,Ä,Ä,ç,é•“•ª,Ä, ,èA•ÊE  
Ä,]fRf}f“fh,í•s—  
v,É,È,è,Û,μ,½B“[E v[í•ñf]f  
O,ðÄ<Ž,·,é,±,Æ,í,Ä,«,Û,¹,ñB

**net stop** eventlog  
^ÈŠO,ì,·,x,Ä,]f]fbfgf[f]N  
fT[f]rfX,ð'âŽ~,Ä,«,Û,·BŠJŽn,  
“,æ,Ñ'âŽ~,Ä,«,éT[f]rfX,ì^è  
—,ìÚ×,É,Ä,ç,Ä,íAnet  
**start** ,ðŽQ[Æ,μ,Ä,¾,ª,çB

**net use** /persistent fXfCfbf` ,ì,í,í yes  
,Æ no  
,¾,~,Ä,·B'Ê[MfffofCfX,]fLf...  
[f,íA,±,]fŠfŠ[f]X,Ä,]fTf]  
[fg,ª,è,Û,¹,ñBNetWare  
f{fŠf...[f€,ðŽg—p,Ä,«,Û,·B

**net user** fXfCfbf`  
/logonserver[A/maxstora  
ge[A/operator[A,“,æ,Ñ  
/privilege ,]fTf]  
[fg,ª,è,Û,¹,ñB

**net view** V,μ,çfXfCfbf` /domain  
,É,æ,è[Afhf]fCf“[A,“,æ,ÑŽw'  
è,μ,½fhf]fCf“,]fRf“fsf...  
[f^,ð·\Ž!,Ä,«,Û,·BNetWare  
f]fbfgf[f]N[ä,]fT[f]o[f].ð·\  
Ž!,Ä,«,Û,·B

**LAN Manager ,@,ç”pŽ~,ª,è,é,©[A,Û,½,íŽg,í,é,È,,È,Ä,½fRf}f“fh**

Žÿ,ì LAN Manager fRf}f“fh,íAfRf}f“fh fvf[f]vfg,©,ç—~—p,Ä,«,È,,È,è,Û,μ,½BŽÿ,ì,ì,íA'¼,ì•û-  
@[A,Û,½,]fRf}f“fh,ª”pŽ~,ª,è,½—[—R,ðŽ!,μ,Ä,ç,Û,·B

**fRf}f“fh** ‘€[ì,Û,½,í[à-¾

**net** f]fbfgf[f]N,ðŠÇ—  
[f,·,é,É,íAWindows NT ,ìŠÇ—  
[fc[f]ç,ðŽg,ç,Û,·B

**net admin** flfbfgf[]fN,đŠÇ—  
 [],·,é,É,í[]AWindows NT ,ìŠÇ—  
 []fc[]f<,đŽg,č,Û,·[]B

**net access** NTFS fffBfXfN  
 fp[]fBfVf#f“[]ă,ìftf@fCf<,ÉŠ  
 Ö,·,éAfNfZfXCE ,đŸ’è,·,é,É,í  
 []Aftf@fCf<,ì [fvf[]pfefB]  
 f\_fCfAf[]O f{fbfNfX,đŽg,č  
 ,Û,·[]B

**net audit** flfbfgf[]fNŽ’CE¹,đ’Ç[]Ö,·,é,É,í  
 []AfCfxf“fg frf...[]fA,đŽg,č  
 ,Û,·[]B

**net comm** ’Ê[]MfffofCfX,ìfLf...  
 [],íCE»[]Ÿ,ì,Æ,±,ëfTf|  
 []fg,³,è,Û,¹,ñ[]B

**net config peer** Windows NT ,Å,í·s—v,Å,·[]B

**net console** -],Û,μ,,È,čAfNfZfX,đ-  
 hŽ~,·,é,É,í[]AWindows NT  
 ,ìfZfLf...fŠfefB<@"\,đŽg,č  
 ,Û,·[]B

**net copy** ftf@fCf<,đfRfs[][,·,é,É,í[]AWind  
 ows NT fGfNfXfvf[]f%  
 ,Û,½,ìfvfXfef€,ì **copy**  
 fRf}f“fh,đŽg,č,Û,·[]B

**net device** <«—LfvfŠf“f^,ÉŠÖ,·,é[]î·ñ,đ·\  
 Žì,·,é,É,í[]AfvfŠf“f^,ì  
 [fvf[]pfefB] f\_fCfAf[]O  
 f{fbfNfX,đŽg,č,Û,·[]B

**net error** flfbfgf[]fNŽ’CE¹,ìŽg—  
 p[]ó<μ,đ’Ç[]Ö,·,é,É,í[]AfCfxf“fg  
 frf...[]fA,đŽg,č,Û,·[]B

**net forward** flfbfgf[]fN f[]fbfZ[]fW,đ  
 Windows NT ,Å“]’—,·,é,±  
 ,Æ,í,Å,«,Û,¹,ñ[]B

**net log** f[]fbfZ[]fW,ìf[]fMf“fO,ìfTf|  
 []fg,³,è,Û,¹,ñ[]B

**net logoff** f[]fOfift,í[]AWindows NT  
 (Ž©’ì) ,É’g,Ÿ[]ž,Û,è,Ä,č,Û,·[]B

**net logon** f[]fOfif“,í[]AWindows NT  
 (Ž©’ì) ,É’g,Ÿ[]ž,Û,è,Ä,č,Û,·[]B

**net move** ftf@fCf<,đ^Ú“@,·,é,É,í[]AWind  
 ows NT fGfNfXfvf[]f  
 %[]A,Û,½,ìfvfXfef€,ì **copy**  
 ,” ,æ,Ñ **delete** fRf}f“fh,đŽg,č  
 ,Û,·[]B

**net password** fpfXf[]f[]fh,đ·ì[]X,·,é,É,í[]A**Ctrl**

+ **Alt + Del** fL[ , ð  
 %oÿ,µ,Ü,·□B

**net run** Windows NT ,Åfvf□fOf%of€  
 ,ðfŠf,□[fg,ÉŽÅ□s,·,é,±  
 ,Æ,í,Å,«,Ü,¹,ñ□B

**net separator** <æ□Ø,èfy□[fW,ð□\$CEä,·,é,É,í□  
 AfvfŠf“f^,ì [fvf□fpfefB]  
 f\_fCfAf□fO f{fbfNfX,ðŽg,ç  
 ,Ü,·□B

**net start netpopup** Windows NT  
 ,Å,í□Aflfbfgf□□[fN  
 f□fbfZ□[fW,ªŽ©“®“l,É□^—  
 □,³,è,Ü,·□B

**net start netrun** ,±,ìRf}f“fh,í□AWindows NT  
 ,Å,íftf|□[fg,³,è,Ü,¹,ñ□B

**net start nvalert** Nvalert  
 fT□[frfX,í□ACE»□ÿ,ì,Æ,±,ëftf|  
 □[fg,³,è,Ü,¹,ñ□B

**net start peer** fsfA<@“\,í□AWindows NT  
 (Ž©‘ì) ,É‘g,Ý□ž,Ü,è,Ä,ç,Ü,·□B

**net start timesource** ,±,ì<@“\  
 ,íft□[fo□[ fT□[frfX,É‘g,Ý□ž,Ü,è  
 ,Ä,ç,Ü,·□B

**net status** **net config server ,Æ net share**  
 ,ðŽg,Å,Ä□î•ñ,ðCEÿ□ö,Å,«,Ü,·□  
 B

**net version** CE»□ÝŽg—  
 p’t,ìfo□[fWf}f“ ,ð”»•Ê,·,é,É,í□A  
 fRf“fgf□□[f< fpflf<,ì [fvfXfef€]  
 ,ì [‘S”Ê] f^fu,ðŽg,ç,Ü,·□B

**net who** fT□[fo□[ ,Éf□fOfif“ ,µ,Ä,ç  
 ,éft□[fU□[ ,ð•\  
 Žì,·,é,É,í□Aft□[fo□[ f}f|□[fWff,  
 ðŽg,ç,Ü,·□B



**fofbf` fRf}f“fh**

fwf<fv,ð•\Žì,µ,½,çfRf}f“fh,ð‘l‘ð,µ,Ä,,¾,³,ç□B

- |                 |                 |
|-----------------|-----------------|
| <u>call</u>     | <u>if</u>       |
| <u>echo</u>     | <u>pause</u>    |
| <u>endlocal</u> | <u>rem</u>      |
| <u>for</u>      | <u>setlocal</u> |
| <u>goto</u>     | <u>shift</u>    |

fofbf` ftf@fCf<,É,æ,è□Af<□[f“f“,Ü,½,í”½•œ“l,Èf^fXfN,ð‘P□f%o»,Å,«,Ü,·□B**fofbf`**  
**ftf@fCf<,Æ,í□A□f□^ ,ÈfeflfXfg ftf@fCf<,Å□A1 ,Å^È□ä,ìRf}f“fh,ª“ü,Å,Ä,“ ,è□Aftf@fCf<-¼Šg‘£Žq .BAT**

,Ü,½,Í .CMD ,ª•t,ç,Ä,ç,Ü,·□BfRf}}f“fh fvff“fvfg,© ,çftf@fCf<-¼,ð“ü—  
Í,·,é,Æ□Aftf@fCf<,É□’,©,ê,½fRf}}f“fh,ª□‡”Ô,ÉŽÀ□s,³,ê,Ü,·□B

fobf` ftf@fCf<,É,Í□A”C^Ó,ìfRf}}f“fh,ð<L□q,Å,«,Ü,·□B,Ü,½□Afor□Agoto□A,“,æ,Ñ if fRf}}f“fh,ðŽg,ª  
,Æ□Afofbf` ftf@fCf<,ìfRf}}f“fh,ð□ðCE□•t,«,ÅŽÀ□s,Å,«,Ü,·□B,½,Æ,!,Î□Aif  
fRf}}f“fh,Å,Í□A□ðCE□,ìCE<%oÉ,ÉŠî,Ä,ç,ÄfRf}}f“fh,ªŽÀ□s,³,ê,Ü,·□B,Ü,©,ìfRf}}f“fh,ðŽg,ª,Æ□A“ü□o—  
Í,ð□\$CEä,µ,Ä□A,Ü,©,ìfofbf` ftf@fCf<,ð□\$CEä,Å,«,Ü,·□B



## MS-DOS ,ì CONFIG.SYS fRf}f“fh

f wf<fv, ð•\Ž|, μ, ½, çfRf}f“fh, ð'l'ð, μ, Ä, , ¾, ¾, ç □B

- |  |   |
|--|---|
| <input type="checkbox"/> <u>buffers</u>    | <input type="checkbox"/> <u>fcbs</u>        |
| <input type="checkbox"/> <u>country</u>    | <input type="checkbox"/> <u>files</u>       |
| <input type="checkbox"/> <u>device</u>     | <input type="checkbox"/> <u>install</u>     |
| <input type="checkbox"/> <u>devicehigh</u> | <input type="checkbox"/> <u>lastdrive</u>   |
| <input type="checkbox"/> <u>dos</u>        | <input type="checkbox"/> <u>ntcmdprompt</u> |
| <input type="checkbox"/> <u>dosonly</u>    | <input type="checkbox"/> <u>shell</u>       |
| <input type="checkbox"/> <u>driveparm</u>  | <input type="checkbox"/> <u>stacks</u>      |
| <input type="checkbox"/> <u>echoconfig</u> | <input type="checkbox"/> <u>switches</u>    |

MS-DOS ftfufvfXfef€, ìŸ'è, ð, ·, é, É, í **Adevice** ,Ü, ½, í **lastdrive** ,È, Ç, ì CONFIG.SYS fRf}f“fh, ðŽg, ç  
,Ü, · □B, ±, è, ç, ìfRf}f“fh, ð □AfffBfÇfNfgfŠ \systemroot\SYSTEM32 , ì CONFIG.NT  
ftf@fCf<, É“ü, è, é, © □A, Ü, ½, ìfAfvfŠfP □[fVf#f“ , ì PIF , ÅŽw'è, ¾, è, ½ CONFIG ftf@fCf<, É“ü, è, Ü, · □B, ±  
, è, ç, ìfRf}f“fh, íAMS-DOS fTfufvfXfef€, É, ¾, ¾, %œ<¿, ð—^, , Ü, · □B**buffers** , â **break** , È, Ç □CONFIG.SYS  
fRf}f“fh, ì ½, , ì-¾Ž< ¾, è, Ü, · □B, ±, è, í □A, ±, è, ç, ìfRf}f“fh, ¾, È, , Ä, à MS-DOS fTfufvfXfef€, ¾ □í, É<@“\  
, ·, é, © , ç, Ä, · □B



### MS-DOS fTfufVfXfef€ ,lfRf}f“fh

f wf<fv,đ•\Ž|,μ,½,čfRf}f“fh,đ'!đ,μ,Ä,,¾,¾,č□B

- |  |   |
|--|---|
| <input type="checkbox"/> <u>append</u>         | <input type="checkbox"/> <u>fastopen</u>      |
| <input type="checkbox"/> <u>backup</u>         | <input type="checkbox"/> <u>graphics</u>      |
| <input type="checkbox"/> <u>debug</u>          | <input type="checkbox"/> <u>loadfix</u>       |
| <input type="checkbox"/> <u>debug fRf}f“fh</u> | <input type="checkbox"/> <u>loadhigh (lh)</u> |
| <input type="checkbox"/> <u>edit</u>           | <input type="checkbox"/> <u>mem</u>           |
| <input type="checkbox"/> <u>edlin</u>          | <input type="checkbox"/> <u>nlsfunc</u>       |
| <input type="checkbox"/> <u>edlin fRf}f“fh</u> | <input type="checkbox"/> <u>qbasic</u>        |
| <input type="checkbox"/> <u>exe2bin</u>        | <input type="checkbox"/> <u>setver</u>        |
| <input type="checkbox"/> <u>expand</u>         | <input type="checkbox"/> <u>share</u>         |

Windows NT ,É,í□AMS-DOS , ,æ,Ñ,Ü,©,lfTfufVfXfef€—p,É 16 frfbfg fRf}f“fh (“ñflfCfefBfu) ,ªŠÜ,Ü,è,Ä,č ,Ü,·□B **edlin** ,Ü,½,í **graphics** ,È,Ç□A,±,è,ç,ì<Cefo□[fWf#f“ ,lfRf}f“fh,Æ□A **debug** ,Ü,½,í **exe2bin** ,È,Ç□AMS-DOS “Á—L,lfRf}f“fh,ª, ,è,Ü,·□B,±,è,ç,ì 16 frfbfg fRf}f“fh,í□AMS-DOS ,Æ OS/2 fo□[fWf#f“ 1.x ,Æ,ìCEÝŠ·□«,đŠm•Ü,·,é,½,ß,É—p^Ó,¾,è,Ä,č,Ü,·□B

,» ,è^ÈŠO,ì MS-DOS fTfufVfXfef€ fRf}f“fh,í□ACE»□Ý,Å,í Windows NT ,Ü,½,í MS-DOS fTfufVfXfef€ (Ž©'ì) ,É'g,Ý□ž,Ü,è,Ä,č,é<@\,đŽÀ□s,μ,Ü,·□B,±,è,ç,lfRf}f“fh,í□ASù'¶,lfTf@fCf<,Æ,ìCEÝŠ·□«,đŠm•Ü,·,é,½,ß,É— p^Ó,¾,è,Ä,č,Ü,·,ª□A,» ,ì<@\,í Windows NT ,ÅŽ©“ @%» ,¾,è,Ä,č,é,ì,ÅCEø%È,í, ,è,Ü,¹,ñ□B





## OS/2 ,ì CONFIG.SYS fRf}}f“fh

fwf<fv,ð•\Ž|,μ,½,çfRf}}f“fh,ð'l'ð,μ,Ä,,¾,¾,ç□B

[Codepage](#)

[Libpath](#)

[Devinfo](#)

[Protshell](#)

OS/2 fTfufVfXfef€ ,ðÝ'è,·,é,É,í□**devicename** ,Ü,½,í **libpath** ,È,Ç□ACONFIG.SYS fRf}}f“fh,ðŽg,ç  
,Ü,·□B,±,ê,ç,ìfRf}}f“fh,í□AOS/2 fTfufVfXfef€ ,É,¾,~%œ<¿,ð—^,!,Ü,·□B



fRf}f“fh<L□t,ÆftfBf<f^ fRf}f“fh

fwf<fv,ð•\Ž|,μ,½,¢□€-Ú,ð'ð,μ,Ä,,¾,¾,¾,¾□B

□ fŠf\_fCfCfNfg (> < >> )

□ ftfBf<f^ fRf}f“fh (| **more. sort. find** )

□ ðC□•t,«□^—□<L□t (& && || ( ) ^ )



### fŠf\_fCfCfNfg

fŠf\_fCfCfNfg • ħŽš, íAfrf}f“fh, É, æ, è□í•ñ, aŽæ, è□o, ³, è, é□è□Š□A, Ü, ½, í□í•ñ, a’ —, ç, è, é□è□Š, ð•í□X, µ, Ü, □B

### fRf}f“fh“ü□o—í, ðfŠf\_fCfCfNfg, , é

“Á, ÉŽw’è, µ, È, ˘, è, í□AWindows NT , í“ü—í, ðfL□[f{□[fh, ©, çŽó, ˘Žæ, Á, Ä□A□o—í, ð%œ—É, É’ —, è, Ü, □B“ü—  
í, Ü, ½, í□o—í, ðftf@fCf<, Ü, ½, ífvfŠf“f^, ÉfŠf\_fCfCfNfg, , é, Æ•Ö—~ , É□è□‡, a , , è, Ü, □B, ½, Æ, í, í□AfffBfCfCfNfgfŠ  
^è—, ð%œ—É, ©, çftf@fCf<, ÉfŠf\_fCfCfNfg, Á, «, , Ü, □B

### fRf}f“fh, í“ü—í, Ü, ½, í□o—í, ðfŠf\_fCfCfNfg, , é, É, í□AZÿ, ífŠf\_fCfCfNfg • ħŽš, ì 1 , Á, ðŽg, ç, Ü, □B



•s“™ □t (>), í□Afrf}f“fh, í□o—í, ðftf@fCf<□A, Ü, ½, ífvfŠf“f^, É, Ç, ífffofCfX, É’ —, è, Ü, □B



•s“™ □t (<), í□Afrf}f“fh, É•K—v, É“ü—í, ðfL□[f{□[fh, Á, í, È, ftf@fCf<, ©, çŽæ, è□o, µ, Ü, □B



“ñ□d, í•s“™ □t (>>), í□ASù, Éftf@fCf<, É“ü, Á, Á, ç, é□í•ñ, ð□í□œ, ¹, , , É□Afrf}f“fh, ©, ç, í□o—  
í, ðftf@fCf<, í□í, í, è, É’ Ç%Á, µ, Ü, □B

### fRf}f“fh□o—í, ðfŠf\_fCfCfNfg, , é

, Ü, Æ, ñ, Ç, , x, Ä, íRf}f“fh, í□A□o—í, ð%œ—É, É’ —, è, Ü, □B□o—í, ðfhf%ofCfu, Ü, ½, ífvfŠf“f^, É’ —, éfRf}f“fh, Á, ,  
Á, Ä, à□AfbfZ□[fW, Æfvf□f“fvfg, í%œ—É, É, à•Ž!, ³, è, Ü, □B

□o—í, ð%œ—É, ©, çftf@fCf<, Ü, ½, ífvfŠf“f^, ÉfŠf\_fCfCfNfg, , é, É, í□A•s“™ □t (>), ðŽg, ç  
, Ü, □B•s“™ □t, í, Ü, Æ, ñ, ç, í Windows NT fRf}f“fh, ÉŽg, í, Ü, □B, ½, Æ, í, í□AZÿ, íRf}f“fh, Á, í□Adir  
fRf}f“fh, Á□í□—, ³, è, ½fffBfCfCfNfgfŠ^è—, a DIRLIST.TXT ftf@fCf<, ÉfŠf\_fCfCfNfg, ³, è, Ü, □B

dir > dirlist.txt

DIRLIST.TXT ftf@fCf<, a’í□Y, µ, È, ˘, è, í□AWindows NT , É, æ, è□í□—, ³, è, Ü, □B DIRLIST.TXT  
, a’í□Y, , é□è□‡, í□Aftf@fCf<, í dir fRf}f“fh, ©, ç, í□o—í, Á’uŠ, ³, è, Ü, □B

Šù, Éftf@fCf<, É“ü, Á, Á, ç, é□í•ñ, ðŽ, , í, , , É□Afrf}f“fh, ©, ç, í□o—í, ðftf@fCf<, í□í, í, è, É’ Ç  
%Á, , é, É, í□A“ñ□d, í•s“™ □t (>>), ðŽg, ç, Ü, □B, ½, Æ, í, í□AZÿ, íRf}f“fh, Á, í□Adir  
fRf}f“fh, Á□í□—, ³, è, ½fffBfCfCfNfgfŠ^è—, a ADIRLIST.TXT ftf@fCf<, É•t, ˘%Á, í, ç, è, Ü, □B

dir >> dirlist.txt



fGf%□[ f□fbfZ□[fW, È, Ç□A^è•”, íRf}f“fh□o—í, í•s“™ □t (>), ðŽg, Á, Ä, àfŠf\_fCfCfNfg, Á, «, È, ç, ±  
, Æ, a , , è, Ü, □B

### “ü—í, ðfRf}f“fh, ÉfŠf\_fCfCfNfg, , é

fRf}f“fh, í□o—í, ð%œ—É, Á, í, È, ftf@fCf<, Ü, ½, ífvfŠf“f^, É’ —, è, é, í, Æ“ —í, É□Afrf}f“fh, Ö, ì“ü—  
í, ðfL□[f{□[fh, Á, í, È, ftf@fCf<, ©, çŽæ, è□o, , , ±, Æ, a, Á, «, , Ü, □B“ü—í, ðftf@fCf<, ©, çŽæ, è□o, , , É, í□A•s“™ □t (<)  
, ðŽg, ç, Ü, □B, ½, Æ, í, í□AZÿ, íRf}f“fh, Á, í□Asort fRf}f“fh, Ö, ì“ü—í, a LIST.TXT  
ftf@fCf<, ©, çŽæ, è□o, ³, è, Ü, □B

sort < list.txt

Windows NT , É, æ, è□ALIST.TXT ftf@fCf<, ÌŠe□s, a fA<ftf@fxfbf□‡, É•Á, x, ç, è□ACE<%É, a%œ—É, É•\  
Ž!, ³, è, Ü, □B



### ftfBf<f^ fRf}f^fh

ftfBf<f^ fRf}f^fh,ðŽg,æ,Æ□A fRf}f^fh,ì□o—í,ì•À, x'Ö,ì□A•Žì□A,» ,ì^è•” ,ì'ì'ð, ðŠÈ'P,É,È,è,Û,·□B

### ftfBf<f^ fRf}f^fh,ð'É,µ,Äî•ñ,ð“n,·

ftfBf<f^

fRf}f^fh,É,æ,è□A,» ,è,ð'É,µ,Ä“n,³,è,é□î•ñ, ð•ðŠ,,³,è□A•À, x'Ö,ì,ç,è□A,» ,ì^è•” , ðŽæ,è□o,³,è,Û,·□B Windows NT ,É,ì□AZÿ,ì 3 ,Ä,ìftfBf<f^ fRf}f^fh, ð, è,Û,·□B



more fRf}f^fh,Ä,ì□Aftf@fCf<,ì“à—e,Û,½,ìfRf}f^fh,ì□o—í, ð□A^è“x,É 1 %œ—É•ð, ,Ä•Žì,³,è,Û,·□B



find fRf}f^fh,Ä,ì□Aftf@fCf< , ,æ,ÑfRf}f^fh□o—í, ©,ç□AZw'è,µ,½•¶Žš, ðCEÿ□ð,³,è,Û,·□B



sort fRf}f^fh,Ä,ì□Aftf@fCf<,ÆfRf}f^fh□o—í, ðfAftf@fxfbfq□#,É•À, x'Ö,ì,ç,è,Û,·□B

ftf@fCf<, ©,çftfBf<f^ fRf}f^fh,É“ü—í,ð'—,é,É,ì□A•s“™ □† (<), ðŽg,ç,Û,·□BftfBf<f^

fRf}f^fh,É•É,ìfRf}f^fh, ©,ç“ü—í,ðŽæ,è□o,³,½,ç□è□#,ì□AfpfCfv (ì), ðŽg,ç,Û,·□B

### more fRf}f^fh,ðŽg,Ä,Ä%œ—É•Žì,ð□§CEä,·,é

more fRf}f^fh,ì□Aftf@fCf<,ì“à—e,Û,½,ìfRf}f^fh,ì□o—í,ð□A^è“x,É 1 %œ—É•ð, ,Ä•\

Žì,µ,Û,·□B,½,Æ,ì,ì□AZÿ,ì **more** fRf}f^fh,ì□ALIST.TXT ftf@fCf<,ì“à—e,ð^è“x,É 1 %œ—É•ð, ,Ä•Žì,µ,Û,·□B

more < list.txt

1 %œ—É•ð,ì□î•ñ, ð•Žì,³,è,é,Æ□A"More" ,Æ,ç, x'PCEè, ð•Žì,³,è,Û,·□BŽÿ,ì%œ—É,ð\

Žì,·,é,É,ì□A“C^Ó,ìfL□[,ð%ÿ,µ,Û,·□B,» ,è^É□ä□î•ñ,ð•Žì,³,½, ,ÉfRf}f^fh,ð'âŽ~,·,é,É,ì□A**Ctrl + C** fL□[,ð

%ÿ,µ,Û,·□B

more fRf}f^fh,ì□A•;ì□“%œ—É•ð,ì□o—í, ð□¶□—,³,è,é,éRf}f^fh,Ä□ì<Æ,ð,·,é,Æ,« ,É•Ö—

~,Ä,·□B,½,Æ,ì,ì□Afn□[fh fffBfXfg,ìfffBfCEfnfgfš fcfš□[,ð•Žì,·,é,Æ,«□AfffBfCEfnfgfš□”, ð¹½,·,¬,Ä^è“x,É

%œ—É,É•Žì,µ,« ,è,É,ç□è□#,ì□AZÿ,ì—á,ì,æ, x,É□A**tree** fRf}f^fh,Æ<x,ÉfpfCfv (ì),Æ **more** fRf}f^fh,ðŽg, x

,±,Æ, ð,Ä,« ,Û,·□B

tree c:\ | more

tree fRf}f^fh, ©,ç□o—í,ì□A□% ,ì%œ—É, ð•Žì,³,è,é,Æ□A"More" ,Æ,ç, x'PCEè, ð•\

Žì,³,è,Û,·□B“C^Ó,ìfL□[ ( **Pause** fL□[,ð□œ.) ,ð%ÿ,·,Û,Ä□AWindows NT ,ì^èŽž'âŽ~,µ,Û,·□B

### find fRf}f^fh,ðŽg,Ä,ÄfefLxfq,ðCEÿ□ð,·,é

find fRf}f^fh,ì□AZw'è,µ,½fefLxfq,ð 1 ,Ä^È□ä,ìftf@fCf<,ì†, ©,çCEÿ□ð,µ,Û,·□B,» ,ìfefLxfq, ð“ü,Ä,Ä,ç

,é□s,ð,·, x,Ä•Žì,µ,Û,·□B**find** fRf}f^fh,ì□AftfBf<f^ fRf}f^fh,Û,½,ì•W□€ Windows NT fRf}f^fh,Æ,µ,ÄŽg—

p,Ä,« ,Û,·□B**find** ,ð•W□€,ì Windows NT fRf}f^fh,Æ,µ,ÄŽg, x•ù-@,É,Ä,ç,Ä,ì□A**find** ,ðŽQ□Æ,µ,Ä,³/4,³,ç□B

**find** ,ðftfBf<f^ fRf}f^fh,Æ,µ,ÄŽg, x,É,ì□A•s“™ □† (<),ÆCEÿ□ð,µ,½,çftf@fCf<-¼,ðŽw'è,µ,Û,·

(CEÿ□ðŽž,É,ì'ä•¶Žš□—•¶Žš, ð<æ•É,³,è,Û,·)□B,½,Æ,ì,ì□AZÿ,ìfRf}f^fh,Ä,ì□Aftf@fCf< TRADE.TXT ,Ä□A•¶Žš

—ñ "Pacific Rim" ,ðCEÿ□ð,µ,Û,·□B

find "Pacific Rim" < trade.txt

**find** fRf}f^fh,ì□o—í,ð%œ—É,É•Žì,³,½,é,ì,Ä,Í,È,ì□Aftf@fCf<,É•Û'¶,·,é,É,ì□A•s“™ □† (>),Æ□o—

í,ðŠì"[,·,éftf@fCf<,ì¼'¼'O,ðŽw'è,µ,Û,·□B,½,Æ,ì,ì□AZÿ,ìfRf}f^fh,Ä,ì□A**TRADE.TXT** ftf@fCf<,Ä "Pacific Rim"

,Æ,ç, x•¶Žš—ñ, ðCEÿ□ð,³,è□ANWTRADE.TXT ftf@fCf<,É•Û'¶,³,è,Û,·□B

find "Pacific Rim" < trade.txt > nwtrade.txt

### fefLxfq ftf@fCf<,ð•À, x'Ö,ì,é

sort fRf}f^fh,ì□AfefLxfq ftf@fCf<,Û,½,ìfRf}f^fh,ì□o—

í,ðfAftf@fxfbfq□#,É•À, x'Ö,ì,Û,·□B,½,Æ,ì,ì□AZÿ,ìfRf}f^fh,ì□Aftf@fCf< LIST.TXT ,ì“à—

e,ð•À, x'Ö,ì□A<x%œ,ð%œ—É,É•Žì,µ,Û,·□B

sort < list.txt

,±,ì—á,Ä,ì□A**sort** fRf}f^fh,É,æ,è LIST.TXT ftf@fCf<,ìŠe□s, ð•À, x'Ö,ì,ç,è□Aftf@fCf< (LIST.TXT)

Í·ĪX,³,ê,É,» ,ìĀ<%Ē,ª·\Ž! ,³,ê,Ü,·Bsort fRf}f“fh,ìo—Í,ð·\  
Ž! ,·,é,©,í,è,Éftf@fCf<,ÉĀ',«Āž,p,É,ĪA·s“™Ā+ (>) ,Æftf@fCf<-  
¼,ðfRf}f“fh,É<Lq,μ,Ü,·B,½,Æ,Ī,ĪAŽŸ,ĪfRf}f“fh,ðŽg,ᄂ,ÆĪALIST.TXT  
ftf@fCf<,ĪšeĪs,ðfAf<ftf@fxfbfgĪž,É·À,x'Ö,Ī,ĪAĀĀ<%Ē,ð ALPHLIST.TXT ftf@fCf<,ÉŠi“[,Ā,«,Ü,·B

**sort < list.txt > alphlist.txt**

fRf}f“fh,ìo—Í,ð·À,x'Ö,Ī,é,É,ĪAfRf}f“fh,ìĀã,ÉfpfCfv (Ī) ,Æ sort fRf}f“fh,ð±,Ī,Ā“ü—  
Ī,μ,Ü,·B,½,Æ,Ī,ĪAŽŸ,ĪfRf}f“fh,ĪAfind fRf}f“fh,ìo—Í,ð·À,x'Ö,Ī,Ü,·B

**find "Jones" mailst.txt | sort**

,±,ĪfRf}f“fh,ð“ü—Ī,·,é,ÆĪA·ĪŽš—ñ "Jones" ,ª“ü,Ā,Ā,ċ,éĪs,ªfAf<ftf@fxfbfgĪž,É^ê—·\Ž! ,³,ê,Ü,·B

**fRf}f“fh,ðfŠf\_fCfĀfNfg·ĪŽš,Æ'g,ŸĪž,í,¹,é**

ftfBf<f^ fRf}f“fhĪA,Ü,©,ĪfRf}f“fhĪA,“,æ,Ñftf@fCf<-  
¼,ð'g,ŸĪž,í,¹,é,ÆĪA'ÆŽ©,ĪfRf}f“fh,ðĪĪ—,Ā,«,Ü,·B,½,Æ,Ī,ĪAŽŸ,ĪfRf}f“fh,ðŽg,ᄂ,ÆĪA·ĪŽš—ñ "LOG"  
,ª“ü,Ā,Ā,ċ,éftf@fCf<,Ī-¼'O,ðftf@fCf< (loglist.txt) ,ÉŠi“[,Ā,«,Ü,·B

**dir /b | find "LOG" > loglist.txt**

Windows NT ,É,æ,èĪAdir fRf}f“fh,ìo—Í,Ī find ftfBf<f^ fRf}f“fh,ð'É,μ,Ā'—,ċ,éĪA·ĪŽš—ñ "LOG"  
,ª“ü,Ā,Ā,ċ,éftf@fCf<-¼,ª LOGLIST.TXT ftf@fCf<,ÉŠi“[ ,³,ê,Ü,·BĀĀ<%Ē,ĪĪftf@fCf<-¼,Ī^ê—·\Ž!  
(,½,Æ,Ī,ĪĪAA.LOGĪALOGDAT.SVDĪA,“,æ,Ñ MYLOG.BAT) ,Æ,μ,ĀŠi“[ ,³,ê,Ü,·B

“Ī,ĪfRf}f“fh,Ā·ĪĪ” ,ĪftfBf<f^,ðŽg,ᄂ,É,ĪĪftfBf<f^ ,ðfpfCfv (Ī)  
,Ā<æĪØ,è,Ü,·B,½,Æ,Ī,ĪAŽŸ,ĪfRf}f“fh,Ā,ĪĪAfhf%ofCfu C ,Ī,·,x,Ā,ĪfffBfĀfNfgfŠ,ªĀĪĪĪĪ,ª,éĪA·ĪŽš—ñ  
"LOG" ,ª“ü,Ā,Ā,ċ,éftf@fCf<-¼,ª,·,x,ĀĀĀĀ,Ā,Ī,ċ,é,ĀĪA^ê“x,É 1 %æ-Ê·ª, ,Ā·\Ž! ,³,ê,Ü,·B

**dir c:\ /s /b | find "LOG" | more**

fpfCfv (Ī) ,ðŽg,ᄂ,Ī,ĪĪAdir fRf}f“fh,ìo—Í,Ī find fRf}f“fh,ð'É,μ,Ā'—,ċ,é,Ü,·Bfind fRf}f“fh,É,æ,èĪA·ĪŽš  
—ñ "LOG" ,ª“ü,Ā,Ā,ċ,éftf@fCf<-¼,¾,Ī,ª'Ī'ð,³,ê,Ü,·Bmore fRf}f“fh,É,æ,èĪAfind ,Ā'Ī'ð,³,ê,½ftf@fCf<-  
¼,ª^ê“x,É 1 %æ-Ê·ª, ,Ā·\Ž! ,³,ê,Ü,·B



☐**ðCE**☐•t,«☐^—☐<L☐t

☐ðCE☐•t,«☐^—☐<L☐t,ðŽg,ɣ,Æ☐AfRf}f“fh,ìŽÀ☐s,ð☐\$CEä,Å,«,Ü,·☐B

**fRf}f“fh,ð☐ðCE**☐•t,«,Å☐^—☐,·,é

☐ðCE☐•t,«☐^—☐<L☐t,ðŽg,ɣ

,Æ☐A“~ ,ñfvf☐“fvfg,©,ç•;☐” ,ìfRf}f“fh,ðŽÀ☐s,μ,Ä☐AfRf}f“fh,ìŽÀ☐sCE<%oÉ,ÉŠî,Ä,ç

,ÄfRf}f“fh,ðŽÀ☐s,Å,«,Ü,·☐B



fAf“fpfTf“fh (**&**) ,ì☐A‘P^ê,ìfRf}f“fh f%ofCf“☐ä,Å•;☐” ,ìfRf}f“fh,ð<æ☐Ø,è,Ü,·☐B



,©,Ä,±,ì☐A•;☐” ,ìfRf}f“fh,ðfOf<☐[fv%o» ,μ,Ü,·☐B



fZf~fRf☐f“ ( ; ) ,Ü,½,ìfj}f“f} ( , ) ,ì☐AfRf}f“fh fpf%of☐☐lf^,ð<æ☐Ø,è,Ü,·☐B



fLfffCEfbfg (^) ,ðŽg,ɣ,Æ☐AfRf}f“fh<L☐t,ðfefLfXfg,Æ,μ,ÄŽg—p,Å,«,Ü,· ( , » ,ì<L☐t,ì“ÁŽê,É^Ó-i,í-  
³Ž<,³,ê,Ü,·)☐B



“ñ☐d,ìfAf“fpfTf“fh (**&&**) ,ðŽg,ɣ,Æ☐A,±,ì<L☐t,ìCEä,É‘±,-  
fRf}f“fh,ì☐A<L☐t,ì‘O,ìfRf}f“fh,☐☐—CE÷,μ,½☐ê☐‡,É,¾,~ŽÀ☐s,³,ê,Ü,·☐B



“ñ☐d,ìfpfCfv (||) ,ðŽg,ɣ,Æ☐A,±,ì<L☐t,ìCEä,É‘±,-  
fRf}f“fh,ì☐A<L☐t,ì‘O,ìfRf}f“fh,²Ž,“s,μ,½☐ê☐‡,É,¾,~ŽÀ☐s,³,ê,Ü,·☐B



### Edlin

Edlin ,đ<N“® ,μ,Ü,·□BEdlin ,lfefLfXfg fGfffBf^ ,Å□ASCII ftf@fCf<,đ 1  
□s^P^Ê,Å□□□, ,æ,Ñ•İ□X,Å,« ,éfefLfXfg fGfffBf^ ,Å,·□B

Edlin ,Í□A□f□f,š□ā,lfefLfXfg ftf@fCf<,İše□s,É“Ô□t,đ•t, ,Ü,·□BEdlin ,đŽg—  
p, ,é,Æ□Aftf@fCf<,Å□s,đ’}“ü□Afrfs□□□A^Ú“®□A, ,æ,Ñ□i□œ,Å,« ,Ü,·□Bftf< fXfNfš□□f“ fGfffBf^ ,đŽg—  
p, ,é□é□š,Í□Aedit fRf}f“fh,đŽg—p,μ,Å, ,¾,¾,¾□B

**edlin** [fhf%ofCfu:] [fpfX] ftf@fCf<-¼ [ /b]

### fpf%of□□[f^

[fhf%ofCfu:] [fpfX] ftf@fCf<-¼

fffBfXfN□ā,İ ASCII ftf@fCf<,İ^Ê^u,Æ-¼^O,đŽw^è,μ,Ü,·□Bftf@fCf<,ā^İ□Y, ,é□é□š,Í□AEdlin  
,É,æ,Á,ÄŠ, ,©,é,Ü,·□Bftf@fCf<,ā^İ□Y,μ,È, ,é,Í□A□f□f,š□ā,Åftf@fCf<,ā□□□,¾,¾,¾,Ü,·□BEdlin **E** (End)  
fRf}f“fh,đŽg—p, ,é,Æ□AŽw^è,μ,½^Ê^u,Æftf@fCf<-¼,đŽg—p,μ,ÄfffBfXfN□ā,Åftf@fCf<,ā□□□,¾,¾,¾,Ü,·□B

### /b

Edlin ,Éftf@fCf<□□—¹•İŽš (**Ctrl + Z** fL□□) ,đ-³Ž<,¾,¾,¾,é□é□š,ÉŽw^è,μ,Ü,·□B

Edlin ,ÉŠÖ, ,é□Ú□×□î•ň



Edlin--%ođ□à



Edlin fRf}f“fh



**Edlin--%oð□à**

**1 □s,ì□Á'á•¶Žš□"**

Edlin ,Á,í□A1 □s" -,½,è"¼šp,Á□Á'á 253 •¶Žš,Ü,Åžg—p,Á,«.,Ü,·□B

**Edlin fRf}f"fh**

ŽŸ,ì^è—,í□AEdlin fRf}f"fh,Æ,»,ì□à-¾,ðŽì,μ,Ä,ç,Ü,·□B

- fRf}f"fh**      □à-¾
- s"Ô□t      Žw'è,μ,½□s,ð•\  
Žì,μ,Ü,·□B
- ?**      Edlin fRf}f"fh,ì^è  
—,ð•\Žì,μ,Ü,·□B
- A**      f□f,fš•s'«.,ì,½,ß,Éftf  
@fCf<'S'ì,ð"ç,ÝŽæ,  
è,È,ç□é□†,É□Aftf@f  
Cf<,ì^è•",ðf□f,fš,É"  
ç,ÝŽæ,è,Ü,·□B
- C**      Žw'è,μ,½"í'í,ì□s,ð□  
AŽw'è,μ,½□s"Ô□t,  
ÉfRfs□[,μ,Ü,·□B
- D**      Žw'è,μ,½"í'í,ì□s,ð□  
í□œ,μ,Ü,·□B
- E**      •Ò□WĚã,ìftf@fCf<,  
ðf□f,fš,©,çffBfXfN  
,É□',«□ž,Ý  
(ftf@fCf<,ð•Ů'¶,μ)□  
AEdlin ,ð□|—  
¹,μ,Ü,·□B
- I**      □s,ð' } "ü,μ,Ü,·□B
- L**      Žw'è,μ,½"í'í,ì□s,ð•  
\Žì,μ,Ü,·□B
- M**      Žw'è,μ,½"í'í,ì□s,ð^  
Ů"® ,μ,Ü,·□B
- P**      ftf@fCf<,ð^è"x,É 1  
fy□[fW,,.Á•\  
Žì,μ,Ü,·□B
- Q**      •Ò□W□ī,Ý,ìftf@fCf<  
,ðf□f,fš,©,çffBfXf  
N,É□',«□ž,Ü,,.É□AE  
dlin ,ð□|—¹,μ,Ü,·□B
- R**      •¶Žš—  
ň,ðĚŸ□ō,μ□A'uš•,μ  
,Ü,·□B
- S**      •¶Žš—  
ň,ðĚŸ□ō,μ,Ü,·□B



**T** fffBfXfN ä, ìftf@fCf  
 <, ì"à—  
 e, ð Af f, fŠ ä, ìftf@  
 fCf, ì"à—  
 e, Æf} [fW, µ, Ü, · B

**w** f f, fŠ ä, ìftf@fCf, ì  
 æ "ä" · ä, ð fffBfXfN,  
 É ' , « ž, Ý, Ü, · B

**Edlin fRf}f"fh, ìfAfXf^fŠfXfN, ì^Ó-i**

Edlin fRf}f"fh, Ä, ì Af AfXf^fŠfXfN (\*) , É, í 2 , Ä, ì—p"r, ä, , è, Ü, · B · \Ž | s, É f AfXf^fŠfXfN, ì, Ý, ä · \Ž |, , è, Ä, ç , é ê ±, ì AE dlin fRf}f"fh, ð "ü—í, µ, ½ CE ä, É · \Ž |, , è, é Edlin fv f f"fvfg, Ä, · B · \Ž | s, É A s"Ö t, É ± , , Ä f AfXf^fŠfXfN, ä · \Ž |, , è, Ä, ç, é ê ±, ì ACE » Y, ì s (f j [f f < ^ É ' u, É, , é s) , ð Ž |, µ, Ä, ç, Ü, · B

**fefLXfg fy [fW, ì^Ó-i**

fefLXfg fy [fW, Æ, ì A1 %æ—É · ä, ì î · ñ, ì, ±, Æ, Ä, · B 25 s, ì %æ—É f, [fh, Ä, , è, ì AE dlin , Ä, í 1 fy [fW"— , ½, è 24 s, ì fefLXfg, ä · \Ž |, , è, Ü, · B 1 fy [fW"—, ½, è, ì s", ì A Ž g—p' t, ì %æ—É f, [fh, É %ž, ¶, Ä ^ Ü, È, è, Ü, · B


**'} "üf, [fh, ì Š Ž n, Æ |—<sup>1</sup>**


f f, fŠ, ìftf@fCf, É s, ð ' "ü, , é, É, ì AE dlin **I** (insert) fRf}f"fh, ð Ž g—p, µ, Ü, · B s, ð ' "ü, µ **Enter** fL [ , ð %Ÿ, µ, Ä, ©, ç **Ctrl + C** fL [ , ð %Ÿ, , Æ A ' } "üf, [fh, ä |—<sup>1</sup>, µ, Ü, · B s, ì ' "ü, É, Ä, ç, Ä, ì AE dlin **I** (Insert) fRf}f"fh, ì € , ð Ž Q Æ, µ, Ä, , ¾, , ç B

**fL [ , ì · Ö W**

Windows NT , É, ì Af f, fŠ ä, ìftf@fCf, ð · Ö W, , é, Æ, «, É Ž g—p, Ä, «, é · i", ì · Ö W fL [ , ä, , è, Ü, · B

Edlin , É Š Ö, , é Ü × î · ñ

 Edlin fRf}f"fh

 Edlin



### Edlin F [s"Ôt]

Žw'è,³,è,½fefLfXfgs,ð•\Ž!,μ,Ü,·B

fRf}f"fh,Æ,μ,Äs"Ôt,ð"ü—Í,·,é,ÆA2 s•\Ž!,³,è,Ü,·B1 s-Ú,É,íAŽw'è,μ,½s"Ôt,Æ,»,è,É'í  
%ž,·,éfefLfXfg,³•\Ž!,³,è,Ü,·B2 s-Ú,É,íA1 s-Ú,Æ"~,¶s"ÔtA,~,æ,Ñfj[f<,³•\Ž!,³,è,Ü,·B1 s-  
Ú,ìfefLfXfg,íA2 s-Ú,ìfef"fvfCE[f,Æ,μ,Ä<@\,μ,Ü,·B2 s-Ú,Ä **Enter** fL[,ð  
%Ÿ,·,ÆAfefLfXfg,ð•íX,¹,·,ÉfRf}f"fh,ðŽæ,èÁ,μ,½,èA'uŠ,·,éfefLfXfg,ð"ü—  
Í,μ,½,èAfefLfXfgs,ð•ÖW,Ä,«,Ü,·B

[s"Ôt]

### fpf%of[]f^

s"Ôt

Edlin ,É•\Ž!,³,¹,éqs,ì"Ôt,ðŽw'è,μ,Ü,·BCE»Ý,ìs,ì"Ôt,ÆfefLfXfg,ð•\Ž!,·,é,É,íA**Enter** fL[,ð  
%Ÿ,μ,Ü,·B

Edlin F [s"Ôt] ,ÉŠÖ,·,éÚ×î•ň

Edlin F [s"Ôt]--%žà

Edlin F [s"Ôt]--á



**Edlin F [s"Ot]--%dà**

•iXCEã,ì"à—e,df,f,Œ,É"ü—í,·,éê†

s,ð•ÖW,μ,½,çAEnter fL[,ð%ÿ,μ,Ä•iXCEã,ì"à—e,df,f,Œ,É"ü—í,μ,Ü,·B

'^Ó

fj[f<,s,ì"r't,É•\Z!,è,Ä,ç,é,Æ,«,É Enter fL[,ð%ÿ,·,ÆA,»,ìs,lfj[f<^É'u,©,çs--  
,Ü,Ä,ì"••,íoe,è,Ü,·B

•ÖWï,Ý,ìftf@fCf<,df,f,Œ,©,çffBfXfN,É•Ú'¶,·,é•û-@,É,Ä,ç,Ä,íAEdlin E (End) , ,æ,Ñ Edlin W (Write)  
fRf}f"fh,ì€ ,ðŽQ/A,μ,Ä,,¼,³,çB

Edlin F [s"Ot] ,ÉŠÖ,·,éÚ×î•ñ

Edlin F [s"Ot]--á

Edlin F [s"Ot]



**Edlin F [s"Ot]---á**

ŽŸ, ĭftf@fCf<, ħfj, fšŸä, É, , èA•ÖW€"ö, ħ® , Á, Ä, ç, é, Æ%¼'è, μ, Ü, ·BEdlin fvfj"fvfg, É'í, μ, Ä Edlin L (list) fRf}f"fh, ð"ü—í, ·, é, ÆA, ±, ĭftf@fCf<, ĭ"à—e, ħ•\ŽŸ, ħ, é, Ü, ·B

1: Dear Mr. Muster:

2:

3: Congratulations on your promotion

4: to the position of Senior Chemical

5: Engineer. I continue to be most

6: impressed with your work.

6 s-Ú, ð•ÖW, ·, é, É, í 6 , ð"ü—í, μ, Ü, ·B, ±, é, É, æ, èAZŸ, ĭ 2 s, ħ•\ŽŸ, ħ, é, Ü, ·B

6:\*impressed with your work.

6:\*\_

1 s-Ú, É, ĭAŽw'è, μ, ½s"Ot, Æ, » , é, É'í%ž, ·, éfefLfXfg, ħ•\ŽŸ, ħ, é, Ä, ç, Ü, ·B2 s-Ú, É, ĭA1 s-Ú, Æ" , ħs"OtA, ·, æ, Ĩfj[fj<, ħ•\ŽŸ, ħ, é, Ä, ç, Ü, ·B

, ±, ±, Ā, ĭAĀăL, ĭ—á, Ā "work" , Æ, ç, x'PCEè, ĭ'O, É "fine" , Æ, ç, x'PCEè, ð' }"ü, ·, é, Æ%¼'è, μ, Ü, ·BEdlin , É'í, μ, ÄA1 s-Ú, ĭ^è" , ð 2 s-Ú, ĭj[fj<^É'u, ©, çĀ•\ŽŸ, ·, é, æ, x, ÉŽw'è, ·, é, É, ĭAĀ% , É F2 fL[ , ð %Ÿ, μ, Ä, ©, ç w , ð"ü—í, μ, Ü, ·BŽŸ, ĭ, æ, x, ÉA6 s-Ú, ĭĀ% , ĭ "w" , ĭ'¼'O, Ü, Ä, ĭ•\ŽŸ, ħ, é, Ü, ·B

6:\*impressed \_

ŽŸ, ÉA, à, x ^è"x F2 fL[ , ð%Ÿ, μ, Ä, ©, ç w , ð"ü—í, μ, Ü, ·BŽŸ, ĭ, æ, x, ÉA6 s-Ú, ĭ 2 , Ā-Ú, ĭ "w" , ĭ'¼'O, Ü, Ä, ĭ•\ŽŸ, ħ, é, Ü, ·B

6:\*impressed with your \_

, ±, ±, ĀAIns fL[ , ð%Ÿ, μA fine , Æ"ü—í, μASpace fL[ , ð%Ÿ, μ, ÄAF3 fL[ , ð%Ÿ, μ, Ü, ·BŽŸ, ĭ, æ, x , É•ÖW[ , Ÿ, ĭs, ħ•\ŽŸ, ħ, é, Ü, ·B

6:\*impressed with your fine work.\_

•ĭXCEă, ĭ"à—e, ðŠm'è, ·, é, É, ĭAEnter fL[ , ð%Ÿ, μ, Ü, ·B

fvfj"fvfg, ħ•\ŽŸ, ħ, é, ½, çAEdlin L (list) fRf}f"fh, ðžg—p, ·, é, ÆA•ÖW, μ, ½ftf@fCf<, ĭ"à—e, ħ•\ŽŸ, ħ, é, Ü, ·B

1: Dear Mr. Muster:

2:

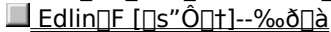
3: Congratulations on your promotion

4: to the position of Senior Chemical

5: Engineer. I continue to be most

6:\*impressed with your fine work.

Edlin F [s"Ot] , ÉŠÖ, ·, éÚ×ĭ•ň





**Edlin F A (Append)**

f f, fš s' «, ì, ½, ß, É ftf @fCf < 'S' ì, ð "Ç, Ý Ž æ, è, È, ç é ê ð ð †, É A ftf @fCf <, ì ^ è • " , ð f f, fš, É "Ç, Ý Ž æ, è, Û, · B

Edlin , ð < N " @ , , , é, Æ A fff BfXfN

ftf @fCf <, ©, ç f f, fš, É A ' à ç È À, Û, Å, ì s " , a "Ç, Ý Ž æ, ç, è, Û, · B ftf @fCf <, ì T fCfY, a Ž g — p % o o A " \

f f, fš, ì ' à, «, ³, ð ' ' , ì, é é é ð †, ì A ftf @fCf <, ð ' i š K " ì, É • Ö W, µ, È, ¯, è, Ì, È, è, Û, ¹, ñ B, µ, ½, a, Á, Å A ftf @fCf <, ì æ " a • " • a

, ð • Ö W, µ A W (write) fRf } f " fh, Å A, » , ì • " • a, ð fff BfXfN, É ' , « ð ž, ñ, Å, ©, ç A Ž Ý, ì -

ç • Ö W • " • a, ð fff BfXfN, ©, ç f f, fš, É "Ç, Ý Ž æ, è, Û, · B

[n] a

**f p f % o f f f f ^**

n

fff BfXfN, ©, ç f f, fš, É "Ç, Ý Ž æ, é s " , ð ž w ' è, µ, Û, · B

Edlin F A , É Š Ö , , é U U x f i • ñ

Edlin F A -- % o ð à

Edlin F A --- á



**Edlin F A (Append)--%oðà**

**Šù'è,ìY'è**

□s□",ìl,ðŽw'è,μ,È, -,ê,î□AŽg—p%oĀ" \f□f,fŠ,ì 75 fp□[fZf"fg,ðŽg—p,; ,é,Ü,Ā□AfffBfXfN  
ftf@fCf<, ©,çŠe□s,ª"Ç,ÝŽæ,ç,ê,Ü,·□BŽg—p%oĀ" \,Éf□f,fŠ,ì 75 fp□[fZf"fg,É'S—  
,·,é□s□",ªŠù,É"Ç,ÝŽæ,ç,ê,Ā,ç,é□ê□#□A"Ç,ÝŽæ,è,í□s,í,ê,Ü,<sup>1</sup>,ñ□B

**ftf@fCf<□I—<sup>1</sup>f□fbfZ□[fW**

**A** fRf}f"fh,ªftf@fCf<,ì□Ā□I□s,ðf□f,fŠ,É"Ç,ÝŽæ,é,Æ□AŽŸ,ìf□fbfZ□[fW,ª•\Ž<sup>1</sup>,<sup>3</sup>,ê,Ü,·□B  
ftf@fCf<,ð□I,í,è,Ü,Ā"Ç,ÝŽæ,è,Ü,μ,½

Edlin F A ,ÉŠÖ,·,é□Ú□×□î•ñ

Edlin F A---á

Edlin F A



**Edlin F A (Append)---**

ffBfXfN ftj@fCf<,l,x,z ÅCEä,ì 100 s,af f,fS,É“Ç,ÝŽæ,è,È,ç,Æ%¼'è,μ,Ü,·Bftj@fCf<,ì Å%  
,ì•”•a,ð•ÖW,μA,»„ì•”•a,ðCE³,ìffBfXfN,É‘,«ž,ñ,ÅAZÿ,ìfRf}f“fh,ð“ü—í,μAZc,è,ì 100  
s,ðf f,fS,É“Ç,ÝŽæ,è,Ü,·B

**100a**

Edlin F A ,ÉŠÖ,·,éÚ×î•ñ

Edlin F A--%ðà

Edlin F A



**Edlin F C (Copy)**

~A'±, , é□s, ð□A f□f, fŠ, É"ü, Á, Ä, ç, éftf@fCf<, iŽw'è, μ, ½^Ê'u, Éfuf□fbfN, Æ, μ, ÄfRfs□[ , μ, Ü, ·□B

C fRf}f"fh, í□A~A'±, , é□s, ðfuf□fbfN, Æ, μ, ÄfRfs□[ , μ, Ü, ·□B, ±, ìfuf□fbfN, ð•K—v, È%oñ□", ¾, fRfs□[ , Å, «, Ü, ·□B  
[□æ"ª□s], [□I—¹□s], -Ú" I□s[ , %oñ□" ]c

**fpf%of□□[f^**

□æ"ª□s

fRfs□[ , ·, é□æ"ª□s, ðŽw'è, μ, Ü, ·□B

□I—¹□s

fRfs□[ , ·, é□Å□I□s, ðŽw'è, μ, Ü, ·□B

-Ú" I□s

Žw'è, μ, ½□sfuf□fbfN, ð' } "ü, ·, é^Ê'u, ðŽw'è, μ, Ü, ·□B Žw'è, μ, ½□s, ì'¼'O, ÉfRfs□[ , ³, é, Ü, ·□B  
%oñ□"

□sfuf□fbfN, ðfRfs□[ , ·, é%oñ□", ðŽw'è, μ, Ü, ·□B

Edlin F C , ÉŠÖ, ·, é□Ú□×□î•ñ

Edlin F C--%ođ□à

Edlin F C--—á





### Edlin F C (Copy) -- %øðà

#### Šù'è, ìŸ'è

æ“<sup>a</sup>s, Û, ½, Í—<sup>1</sup>s, ðÈ—<sup>a</sup>, , é, ÆACE»Ÿ, ìs, Ì, Ÿ, ðRfs[<sup>3</sup>, è, Û, ·B, ±, Ì 2 , Â, Ìpf%<sup>o</sup>f[<sup>f</sup>^, Ì^è•ù, Û, ½, Í—  
¼•ù, ðÈ—<sup>a</sup>, , é, èê‡, àAfrf}f“fh[s, Èjff“f}, ð“ü—Í, µ, È, ¯, ê, Î, È, è, Û, <sup>1</sup>, ñB

%øñ“f<sup>p</sup>f%<sup>o</sup>f[<sup>f</sup>^, ðÈ—<sup>a</sup>, , é, ÆAZw'è, µ, ½s, <sup>a</sup>è“x, ¾, ¯frfs[<sup>3</sup>, è, Û, ·B

#### s”Ôt, ðXV, , éê‡

s, ÌRfs[<sup>f</sup>—<sup>o</sup>, Ì—<sup>1</sup>, µAEdlin fvf“fvfg, Â Edlin L (list) frf}f“fh, ðŽg—  
p, , é, ÆAs”Ôt, ðXV, µ, ½ó'Ô, Â•Ž!, <sup>3</sup>, <sup>1</sup>, é, ±, Æ, <sup>a</sup>, Â, «, Û, ·B

#### s”Ôt, <sup>a</sup>d•i, , éê‡

frfs[<sup>·</sup>, ésfufbfN, Ì^è•” , ÈA—Ú“l<sup>s</sup>pf%<sup>o</sup>f[<sup>f</sup>^, ÂŽw'è, , é[s, ðŠÛ, ß, é, ±, Æ, Í, Â, «, Û, <sup>1</sup>, ñB, ±, Ì, æ, x  
, ÈŽw'è, , é, Æs”Ôt, <sup>a</sup>d•i, , é, ½, ßAfrfs[<sup>f</sup>—<sup>o</sup>, ðŠ®—<sup>1</sup>, Â, «, , AŽŸ, ÌfbfZ[fW, <sup>a</sup>•Ž!, <sup>3</sup>, è, Û, ·B

“ü—ÍGf%<sup>o</sup>[

, ½, Æ, Ì, ÎAZŸ, Ìrf}f“fh, ð“ü—Í, , é, ÆGf%<sup>o</sup>[ ffbfZ[fW, <sup>a</sup>•Ž!, <sup>3</sup>, è, Û, ·B

### 3,20,15c

Edlin F C , ÈŠÖ, , éÚ×Ÿ•ñ



Edlin F C -- á



Edlin F C



**Edlin F C (Copy)---á**

ŽŸ, ĭfRf}f“fh, đ“ü—í, ·, é, Æ A1 □s-Ú, ©, ç 5 □s-Ú, Ü, Å, <sup>a</sup> 6 □s-Ú, ©, ç Žn, Ü, é □s, É ^ ê “x, <sup>3/4</sup>, <sup>˘</sup>fRfs □[, <sup>3</sup>, ê, Ü, · □B

**1,5,6c**

6 □s-Ú, ©, ç 10 □s-Ú, Ü, Å, ĭ“à—e, í □A1 □s-Ú, ©, ç 5 □s-Ú, Ü, Å, Æ “<sup>˘</sup>, ¶, É, È, è, Ü, · □B

Æ » □Ÿ, ĭ □s, ð 5 □s-Ú, É fRfs □[, ·, é, É, í □A ŽŸ, ĭfRf}f“fh, đ“ü—í, μ, Ü, · □B

**„5c**

Edlin F C , É Š Ö, ·, é □ Ú □ × □ ĭ • ñ

Edlin F C--%øđà

Edlin F C



**Edlin F D (Delete)**

Žw'è,³,ê,½"íí,ìs,đfuffbfN,Æ,μ,Äíœ,μ,Û,·B

[œ"ªs] [l—¹s] **d**

**fpf%of[f^**

œ"ªs

íœ,·,éœ"ªs,đŽw'è,μ,Û,·B

l—¹s

íœ,·,éÄíœs,đŽw'è,μ,Û,·B

Edlin F D ,ÉŠÖ,·,éÚ×í•ñ

Edlin F D--%đà

Edlin F D---á



**Edlin F D (Delete)--%øðà**

**fpf%of[f^,ìšù'è'l**

fpf%of[f^,ì—¼•ù,Û,½,í—¹s,ì,Ý,ðÈ—ª,·,é,ÆACE»Ý,ìs,ªíœ,³,ê,Û,·B,½,¾,µAæ“ªsfpf  
%of[f^,ì,Ý,ðÈ—ª,·,é,ÆACE»Ý,ìs,©,ç—¹s,ÅŽw'è,µ,½”Òt,ª•t,ç,½s,Û,Å,ìfefLfxfg  
fufbfN,ªíœ,³,ê,Û,·BCEãŽÒ,ìê#ACE»Ý,ìs,æ,è,à'O,ìs,ð—  
¹s,ìs”Òt,Æ,µ,ÅŽw'è,Å,«,Û,¹,ñB^è”Ê,ÉAæ“ªs,ÅŽw'è,·,é”Òt,æ,è,à—,³,ç'l,ð—  
¹s,ÉŽw'è,Å,«,Û,¹,ñBæ“ªsfpf%of[f^,ì,Ý,ðÈ—ª,·,éê#,íAZÝ,ì\•¶,ì,Æ,“,èA—  
¹s,ì'O,ÉfvfCE[fXfzf:f\_,Æ,µ,ÅJf“f},ð’}“ü,µ,Û,·B

**s”Òt,ðXV,·,éê#**

s,ðíœ,µ,½,çAEdlin fvf“fvfg,É'í,µ,Ä Edlin L (list) fRf}f“fh,ðŽg—  
p,·,é,ÆAs”Òt,ðXV,µ,½ó'Ò,ÅŽc,è,ìs,ª•Ž,³,ê,Û,·B

Edlin F D ,ÉŠÖ,·,éÚ×î•ñ

Edlin F D---á

Edlin F D



**Edlin F D (Delete)---**

7 s-Ú, ðíœ, ,é,É, íAZÿ, ì, æ, x, É“ü—í, µ, Ü, ·B

**7d**

22 s-Ú, ©, ç 32 s-Ú, Ü, Å, ìfLfg fufbfN, ðíœ, ,é,É, íAZÿ, ìfRf}f“fh, ð“ü—í, µ, Ü, ·B

**22,32d**

,Ü, ½ACE»Ý, ìs”Ô†, 7 Å, ,é, Æ%¼’è, µ, Ü, ·BCE»Ý, ìs, ©, ç 11 s-Ú, Ü, Å, ìfLfg fufbfN, ðíœ, ,é,É, íAZÿ, ìfRf}f“fh, ð“ü—í, µ, Ü, ·B

**,11d**

Edlin F D ,ÉŠÖ, ,éÚ×î•ñ

Edlin F D--%ðà

Edlin F D



**Edlin F E (End)**

»Ý, ðf, fŠ, ©, çffBfXfN, É', «ž, ñ, ÅEdlin, ð—<sup>1</sup>, µ, Ü, ·B

E fRf}f"fh, íAfffBfXfNã, ìÉ<sup>3</sup>, ì"ü—Ítf@fCf<, ÉŠg' fŽq .BAK, ð•t, ¯, Ä-  
¼'O, ð•íX, µA•ÖW, µ, ½tf@fCf<, ðf, fŠ, ©, çffBfXfNã, ìÉ<sup>3</sup>, ì"ü—Ítf@fCf<, É', «ž, ñ, ÅEdlin, ð—  
<sup>1</sup>, µ, Ü, ·B, ½, ¾, µAf, fŠ, Ítf@fCf<, AfffBfXfN, ©, ç"Ç, Ýž, Ü, é, ½, à, Ì, Å, Í, È, Edlin  
, Åì<Æ't, Éì—, µ, ½, à, Ì, Å, , é, íAfffBfXfNã, ÉfofbfNfAfbfv (.BAK) tf@fCf<, íì—, <sup>3</sup>, é, Ü, <sup>1</sup>, ñB

**e**

Edlin F E , ÉŠÖ, , , éÚ×î•ñ

Edlin F E--%øðà



**Edlin F E (End) --%øðà**

**Šù'è, ìfhf%øfCfu, ÆffBfCEfNfgfŠ**

Edlin , íA•ÒW<sup>3</sup>, è, ½ftf@fCf<, ðACE»Ý, ì Edlin , Åì<Æ, ðŠŽn, μ, ½, Æ, «, ÉŽw'è, μ, ½fhf  
%øfCfu A fffBfXfN ä, ìffBfCEfNfgfŠ A, ", æ, Ñftf@fCf<-  
¼, Éf, fŠ, ©, ç', «ž, Ý, Ü, ·Bì<Æ, ðŠŽn, μ, ½, Æ, «, Éfhf%øfCfu-¼, ðÈ—<sup>a</sup>, ·, é, ÆACE»Ý, ìfhf  
%øfCfu, É', «ž, Ý, Ü, ·B, Ü, ½ A fffBfCEfNfgfŠ-¼, ðÈ—<sup>a</sup>, ·, é, ÆACE»Ý, ìffBfCEfNfgfŠ, É', «ž, Ý, Ü, ·B

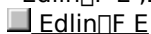
**ffBfXfN fXfy [fX, ìf`fFbfN**

E fRf}f`fh, ðŽg—p, ·, é' O, É Af, fŠ, ì•ÒWì, Ýftf@fCf<'S'ì, <sup>a</sup>«, «ž, B, é<ó, «fXfy [fX, <sup>a</sup>ffBfXfN ä, É, , é, ±  
, Æ, ðŠm" F, ·, é•K—v, <sup>a</sup>, , è, Ü, ·B<ó, «fXfy [fX, <sup>a</sup>'«è, È, ç, Æ Af, fCf<, ì^ê•", Ü, ½, Í, ·, x, Ä, <sup>a</sup>Ž, , í, è, Ü, ·B

**"Ç, ÝŽæ, èè—p, ì .BAK ftf@fCf<**

•ÒWì, Ý, ìftf@fCf<, ðf, fŠ, ©, çffBfXfN, É', «ž, pèè, ÉA, ±, ìftf@fCf<, ì .BAK ftf@fCf<, <sup>a</sup>Ç, ÝŽæ, èè—  
pftf@fCf<, Å, , éèè, íA.BAK ftf@fCf<, ð'uŠ, Å, «, È, ç, ±, Æ, ðŽì, ·ŽÝ, ì, æ, x, ÈfbfZ [fW, <sup>a</sup>•Žì, <sup>3</sup>, è, Ü, ·B  
fAfNfZfX, Í<'Ü, <sup>3</sup>, è, Ü, μ, ½ - [fhf%øfCfu:][fpfX] ftf@fCf<-¼.BAK  
ffBfXfN ä, ìCE<sup>3</sup>, ìftf@fCf<, ÆfobfNfAfbfv ftf@fCf<, íA•ìX<sup>3</sup>, è, , , »), ì, Ü, ÜŽc, è, Ü, ·B

Edlin F E , ÉŠÖ, ·, éÚ×î•ň



Edlin F E



### Edlin F I (Insert)

f f, fš ä, i • ò w i, ý f t f @ f c f <, Å A Ž w ' è, ð, ê, ½ s " Ô t, i ' O, É s, ð ' } " ü, µ, Ü, · B

V, µ, ç f t f @ f c f <, ð ñ ò ñ, ·, é ê ð ð †, Í A V, µ, ç s, ð ' } " ü, ·, é ' O, É I f R f } f " f h, ð " ü — Í, µ, Ü, · B **Enter** f L [ , ð % ö Ÿ, ·, ½, Ñ, É Ž Ÿ, ì s " Ô t, ð, ð \ Ž !, ð, è A **Ctrl + C** f L [ , ð % ö Ÿ, ·, Ü, Å, í A ' } " ü f, ð [ f h, ì, Ü, Ü, É, È, è, è, Ü, · B

[s] i

**f p f % o f [ f ^**

s

s, ð ' } " ü, ·, é ^ Ê ' u, ì ' ¼ ' O, ì s " Ô t, ð Ž w ' è, µ, Ü, · B s, ì Š ù ' è ' l, í A Ç E » ð Ÿ, ì s, ì s " Ô t, Å, · B

Edlin F I, É Š Ö, ·, é Ú × ð ð • ñ

Edlin F I -- % ö ð à

Edlin F I --- á





**Edlin F I (Insert) -- %ođ**

**s"Ôt,đXV,·,éê**

'}“üf, [fh,đ—1,·,é,ÆA’}“ü,μ,½s,¼æä,É, ,és,æ»Ý,ìs,É,È,è,Ü,·BEdlin fvff“fvfg,Å Edlin L (list) ,đ“ü—Í,·,é,ÆA’s”Ôt,đXV,μ,½ó’Ô,ÅfefLfxfg,ª·\Ž!,³,ê,Ü,·B

**sæ·qŽš,đ’}“ü,·,éê**

fefLfxfg,Ésæ·qŽš,đ’}“ü,·,é,É,íA^V ,É’±,¯,Äsæ·qŽš,đ·\,· ASCII <L+ ,đ“ü— Í,μ,Ü,·B,½,Æ,!,îAfgfxfp[fv·qŽš (Ctrl + I) ,đ’}“ü,·,é,É,íAZÿ,ì,æ,æ,É“ü—Í,μ,Ü,·B

**^V[**

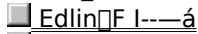
fr[fv%o¹,đ”q!,³,¹,é·qŽš (Ctrl + G) ,đ’}“ü,·,é,É,íAZÿ,ì,æ,æ,É“ü—Í,μ,Ü,·B

**^VG**

**fefLfxfg,đ’Ç%Á,·,éê**

s,ì!,ª·ÒW’t,ìftf@fcf<,ìs” ,đ’ ,!,éêA,Ü,½,Ís,ì!,Æ,μ,Äjif“fo[<L+ (#) ,đŽw’è,μ,½ê,íA’}“ü,·,és,æftf@fcf<,ìæä,É’Ç %Á,³,ê,Ü,·B,Ç,¿,ç,ìê,àAæä,É’}“ü,μ,½s,æ»Ý,ìs,É,È,è,Ü,·Bff,fš,Éftf@fcf<,ìê·”,μ,©“Ç,ÝŽ æ,Á,Ä,ç,È,çêA’s,íff,fšä,ì,»,ì·”ª·,ìæä,É’Ç%Á,³,ê,Ü,·B

Edlin F I ,ÉŠÖ,·,éÚ×îñ





**Edlin F I (Insert)---**

Edlin fvf fvf, Å Edlin L (list) fRf}f“fh, ð“ü—í, μ, ½, ç, A%æ-É, ÉŽŸ, lfefLfXfg, ð•\Žł, ³, é, ½, Æ  
%¼’è, μ, Ü, .B

- 1: Dear Mr. Muster:
- 2:
- 3: Congratulations on your promotion
- 4: to the position of Senior Chemical
- 5: Engineer. I continue to be most
- 6: impressed with your work.
- 7:
- 8: Sincerely,
- 9:
- 10: S.L. Martin, President

, ±, ìžèžt, É, à, x 1, Â’i—Ž, ð’Ç%Á, ., é, Æ%¼’è, μ, Ü, .B fefLfXfg, ð 8 s-Ú, ì’O, É’}“ü, ., é, É, íA8I , Æ“ü—  
í, μ, Ü, .B ŽŸ, lfvf fvf, ð•\Žł, ³, é, Ü, .B

8:\*  
ŽŸ, ÉA8 s-Ú, lfj[f^É’u, ÉŽŸ, ìs, ð“ü—í, μ, Ü, .B

**8:\*I think you will enjoy working with**  
V, μ, çs, ð“ü—í, ., é, ½, Ñ, É Enter fL[, ð%Ÿ, μ, ÄAŽŸ, ìs, Éi, Ý, Ü, .B

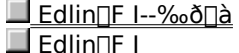
**9:\*Mr. Lang on the new project. Please**  
**10:\*let me know if there is anything I**  
**11:\*can do to assist you.**

ŽŸ, lfvf fvf, ð•\Žł, ³, é, Ü, .B  
12:\*

**Enter** fL[, ð%Ÿ, μ, Ä<ó”s, ð’}“ü, μAŽŸ, ìs, Å **Ctrl + C** fL[, ð%Ÿ, μ, Ä’}“ü ì<Æ, ð|—¹, μ, Ü, .B **11** , Æ“ü—  
í, ., é, ÆAAs”Ó†, ð•t, ¼, ³, é, ½ó’Ó, ÅŽŸ, ì, æ, x, É•\Žł, ³, é, Ü, .B

- 1: Dear Mr. Muster:
- 2:
- 3: Congratulations on your promotion
- 4: to the position of Senior Chemical
- 5: Engineer. I continue to be most
- 6: impressed with your work.
- 7:
- 8: I think you will enjoy working with
- 9: Mr. Lang on the new project. Please
- 10: let me know if there is anything I
- 11: can do to assist you.
- 12:
- 13:\*Sincerely,
- 14:
- 15: S.L. Martin, President

Edlin F I , ÉŠÖ, ., éÜÜ×î•ñ



Edlin F I --%ðà  
Edlin F I



### Edlin F L (List)

Žw'è,³,ê,½"íí,ìs,đfuf[]bfN,Æ,μ,Ä•\Ž!,μ,Ü,·□B

### Syntax

[□æ"ª□s][,□l—¹□s] |

**f p f % o f □ □ [ f ^**

□æ"ª□s

•\Ž!,·,é□æ"ª□s,đŽw'è,μ,Ü,·□B

□l—¹□s

•\Ž!,·,é□Å□□s,đŽw'è,μ,Ü,·□B

Edlin F L ,ÉŠÖ,·,é□Ú□×î•ň

Edlin F L--%ođ□à

Edlin F L---á



**Edlin F L (List) --%øðà**

**Šù'è'I**

æ“<sup>a</sup>s□A□I—<sup>1</sup>s□A,Ü,½,Í,±,ì 2 ,Â,ìfpf%of□□[f^,ðÈ—<sup>a</sup>,Â,«,Ü,·□BŽŸ,ì^ê—,Í□A,±,ì 3 ,Â,ì□ê±,ìŠù'è'I,ðŽ!,μ,Ä,ç,Ü,·□B

□æ“<sup>a</sup>sfpf%of□□[f^,ì,Ý,ðÈ—<sup>a</sup>,·,é,Æ□ACE»□Ý,ì□s,ì 11 □s'O,ì□s,©,ç□I—<sup>1</sup>□s,ÅŽw'è,μ,½”Ô□t,<sup>a</sup>•t,ç,½□s,Ü,Â,□A^ê“x,É 1 fy□[fW,, ,Â ('S%øæ—ÊfefLfXfg) •\Ž!,<sup>3</sup>,è,Ü,·□B□æ“<sup>a</sup>□s,ì,Ý,ðÈ—<sup>a</sup>,·,é□ê±,ì□AfvfCE□[fXfzf<f\_,Æ,μ,Äffj“f},ð' }“ü,μ,Ü,·□B

□I—<sup>1</sup>□sfpf%of□□[f^,ì,Ý,ðÈ—<sup>a</sup>,·,é,Æ□A□æ“<sup>a</sup>□s,ÅŽw'è,μ,½”Ô□t,<sup>a</sup>•t,ç,½□s,©,ç 1 fy□[fW•<sup>a</sup>,ìfefLfXfg,<sup>a</sup>•\Ž!,<sup>3</sup>,è,Ü,·□B

fpf%of□□[f^,ðŽw'è,<sup>1</sup>,.,É Edlin L (List) fRf}f“fh,ðŽg—p,·,é,Æ□ACE»□Ý,ì□s,ì 11 □s'O,ì□s,©,ç 1 fy□[fW•<sup>a</sup>,ìfefLfXfg,<sup>a</sup>•\Ž!,<sup>3</sup>,è,Ü,·□BANSI.SYS fffofCfX fhf%ofCfo,afCf“fXfg□[f<,<sup>3</sup>,è,Ä,ç,é□ê±□A1 fy□[fW“—,½,è,ì□s□” ,ìŽg—p't,ìf,ffj^,ìŽí—p,É%ž,¶,Ä^Ü,È,è,Ü,·□B,±,ì□ê±,ì□A24 □s,ð',ì,é,±,Æ,à, ,è,Ü,·□B

**'P^êfuf□fbfN,<sup>a</sup>•;□”fy□[fW,É,Ü,½,<sup>a</sup>,é□ê±**

•;□”fy□[fW,É,Ü,½,<sup>a</sup>,é□sfuf□fbfN,ðŽw'è,·,é,Æ□A1 fy□[fW—Ü,<sup>a</sup>•\Ž!,<sup>3</sup>,è,½CEä,ÅŽŸ,ìf□fbfZ□[fW,<sup>a</sup>•\Ž!,<sup>3</sup>,è,Ü,·□B

'±□s,μ,Ü,·,© (Y/N)?

Edlin F L ,ÉŠÖ,·,é□Ú□×□î•ñ

Edlin F L---á

Edlin F L



## Edlin F L (List)---

5 s-Ú, ©, ç 10 s-Ú, Û, Å, ð • Ž !, : , é, É, í [A Ž Ÿ, ì, æ, x, É “ ü — í, μ, Û, · B

### 5,10I

Edlin F L , É Š Ö , , é Ú × î • ñ

Edlin F L -- % ð à

Edlin F L



**Edlin F M (Move)**

Žw'è,³,è,½sfufjfbfN,ðAfj,fŠ,É, ,éftj@fCf<,Á•Ê,ì^Ê'u,É^Ú"® ,μ,Û,·B

[æ"as],[l—¹s],-Ú"l s m

[æ"as],+s",-Ú"l s m

**fpf%oflf^**

æ"as

^Ú"®,·,éæ"as,ðŽw'è,μ,Û,·B

l—¹s

^Ú"®,·,éÅl s,ðŽw'è,μ,Û,·B

-Ú"l s

, ,é s,ðŽw'è,μA,»,ì s,ì¼'O,ÉsfufjfbfN,ð^Ú"® ,³,¹,Û,·B

+s"

æ"as,Å"Ô†,ðŽw'è,μ,½s,©,çŽn,Û,é s"•ª,lfufjfbfN,ð^Ú"®,·,é,ÆŽw'è,μ,Û,·Bæ"asfpf

%oflf^,ðÈ—ª,·,é,ÆA^Ú"®'îÛ,ìsfufjfbfN,ÍE»Ý,ì s,©,çŽn,Û,è,Û,·B

Edlin F M ,ÉŠÖ,·,éÛ×î•ň



Edlin F M--%ðà



Edlin F M---á



**Edlin F M (Move) --%øðà**

**s"Ôt,ðXV,·,éê†**

s,ð^Ú"®,μ,½,çAEEdlin fvf"fvfg,É'í,μ,Ä Edlin L (list) fRf}f"fh,ðŽg—  
p,·,é,ÆAAs"Ô†,ðXV,μ,½ó'Ö,ÅfLfxfg,ª\Ž,³,ê,Û,·B

**s"Ôt,ªd·j,·,éê†**

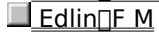
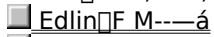
^Ú"®,·,ésfufbfN,ì^ê·",Æ,μ,ÄŽw'è,μ,½s,ðA-Ú"l"sfpf%of[f^,ì'l,Æ,μ,ÄŽw'è,·,é,±  
,Æ,í,Ä,«,Û,¹,ñB,±,ì,æ,æ,ÉŽw'è,·,é,ÆAAs"Ô†,ªd·j,·,é,ì,ÄA^Ú"®^—,ðI—  
¹,Ä,«,·,ÉŽÿ,ìfbfZ[fW,ª\Ž,³,ê,Û,·B

"ü—ífGf%o[

,½,Æ,ì,îAŽÿ,ìRf}f"fh,ð"ü—í,·,é,ÆfGf%o[ fbfZ[fW,ª\Ž,³,ê,Û,·B

**5,10,8m**

Edlin F M ,ÉŠÖ,·,éÚ×î·ñ





**Edlin F M (Move)---**

ŽŸ, ĭftf@fCf<, ħfŋf, fŠ, É“ü, Á, Ä, “, èŋA•ÒŋWŋ€”đ, ħŋ® , Á, Ä, ħ, é, Ą%¼’è, ŋ, Ű, ·ŋBEdlin fvŋfŋf“fvŋfg, Å 1L , Ą“ü—  
ĭ, ·, é, ĄŋA, ±, ĭftf@fCf<, ĭ“à—e, đ•\ŽŸ, Ą, «, Ű, ·ŋB

- 1: Dear Mr. Muster:
- 2:
- 3: Congratulations on your promotion
- 4: to the position of Senior Chemical
- 5: Engineer. I continue to be most
- 6: impressed with your hard work.
- 7:
- 8: I think you will enjoy working with
- 9: Mr. Lang on the new project. Please
- 10: let me know if there is anything I
- 11: can do to assist you.
- 12:
- 13: Sincerely,
- 14:
- 15: S.L. Martin, President
- 16: Rockdale Corporation
- 17: "A World Leader in Technology"

%ŋiŽĐ, ĭ•WŋEè, đfŋf, , ĭ-“ħ, É^Ű“® , ·, é, Ą%¼’è, ŋ, Ű, ·ŋBŽŸ, ĭfRf}f“fh, đ“ü—ĭ, ·, é, ĄŋA16 ŋs-Ű, Ą 17 ŋs-Ű, đ 1  
ŋs-Ű, ĭ’O, É^Ű“® , Ą, «, Ű, ·ŋB

**16,17,1m**

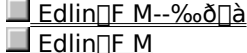
Edlin fvŋfŋf“fvŋfg, Å Edlin L (list) fRf}f“fh, đ“ü—ĭ, ·, é, ĄŋAŽŸ, ĭ, æ, ħ, Éŋs”Óŋt, đŋXŋV, ŋ, ½ŋó’Ô, ĄfefLŋfg, ħ•\  
ŽŸ, ħ, é, Ű, ·ŋB

- 1: Rockdale Corporation
- 2: "A World Leader in Technology"
- 3: Dear Mr. Muster:
- 4:
- 5: Congratulations on your promotion
- 6: to the position of Senior Chemical
- 7: Engineer. I continue to be most
- 8: impressed with your hard work.
- 9:
- 10: I think you will enjoy working with
- 11: Mr. Lang on the new project. Please
- 12: let me know if there is anything I
- 13: can do to assist you.
- 14:
- 15: Sincerely,
- 16:
- 17: S.L. Martin, President

ŽŸ, ĭfRf}f“fh, ĭŋACE»ŋŸ, ĭŋs, Ą, » , é, É’±, 25 ŋs, đ 100 ŋs-Ű, ĭ’¼’O, É^Ű“® , ŋ, Ű, ·ŋB

**, +25,100m**

Edlin F M , ÉŠÖ, ·, éŋŰŋ×ŋĭ•ň









**Edlin F P (Page)**

ftf@fCf' S'ì,Ü,½,í,» ,ì^ê•",đ^ê"x,É 1 fy[fW, ,,Á ('S%æ-ÊfefLfXfg) •\Ž!,μ,Ü,·B

Še%æ-Ê,ìÅI□s,ªE»Y,ì□s,É,È,è,Ü,·□B

[□æ"ª□s][,□!—¹□s]p

**fpf%of□□[f^**

□æ"ª□s

•\Ž!,·,é□æ"ª□s,đŽw'è,μ,Ü,·□B

□!—¹□s

•\Ž!,·,é□ÅI□s,đŽw'è,μ,Ü,·□B

Edlin F P ,ÉŠÖ,·,é□Ú□x□î•ñ

Edlin F P--%øđ□à

Edlin F P---á



**Edlin F P (Page) --%øðà**

æ“<sup>a</sup>sfpf%<sub>o</sub>f[f^,ì,Ý,ðÈ—<sup>a</sup>,μ,½ê‡

æ“<sup>a</sup>sfpf%<sub>o</sub>f[f^,ðÈ—<sup>a</sup>,,é,ÆACE»Ý,ìs,©,çI—<sup>1</sup>s,ÅŽw'è,μ,½s,Ü,Å,ì 1 fy[fW•<sup>a</sup>,lfefLfXfg,<sup>a</sup>\  
Ž!,<sup>3</sup>,è,Ü,·B

I—<sup>1</sup>sfpf%<sub>o</sub>f[f^,ðÈ—<sup>a</sup>,μ,½ê‡

I—<sup>1</sup>sfpf%<sub>o</sub>f[f^,ðÈ—<sup>a</sup>,,é,ÆAæ“<sup>a</sup>s,Å”Ô‡,ðŽw'è,μ,½s,©,ç 1 fy[fW•<sup>a</sup>,lfefLfXfg,<sup>a</sup>\Ž!,<sup>3</sup>,è,Ü,·B

—¼•ù,ìfpf%<sub>o</sub>f[f^,ðÈ—<sup>a</sup>,μ,½ê‡

—¼•ù,ìfpf%<sub>o</sub>f[f^,ðÈ—<sup>a</sup>,,é,ÆACE»Ý,ìs,ìŽŸ,ìs,©,ç 1 fy[fW•<sup>a</sup>,lfefLfXfg,<sup>a</sup>\Ž!,<sup>3</sup>,è,Ü,·B

Edlin F P ,ÉŠÖ,.,éÚ×î•ň

Edlin F P ---á

Edlin F P



**Edlin F P (Page)---**

100 s-Ú, ©, ç 200 s-Ú, Û, Å, ð^è“x, É 1 fy[fW•ª, , Å•\Ž|, , é, É, í[AŽÿ, ð“ü—í, µ, Û, ·B

**100,200p**

Edlin F P , ÉŠÖ, , éÚxî•ñ

Edlin F P--%øðà

Edlin F P



**Edlin F Q (Quit)**

•ÒWï,Ý,ìftf@fCf<,đf,fŠ,©,çffBfXfN,É',«ž,Ü,,ÉAEdlin ,đl—<sup>1</sup>,μ,Ü,·B

**Q** fRf}f“fh,đŽg—p,·,é,ÆAEdlin ,<sup>a</sup>l—<sup>1</sup>,μ,Ä Windows NT fvff“fvfg,<sup>a</sup>•\Ž|,<sup>3</sup>,é,Ü,·B

Edlin ,đl—<sup>1</sup>,·,é'O,ÉA•ÒWï,Ý,ìftf@fCf<,đf,fŠ,©,çffBfXfN,É',«ž,Ü,<sup>1</sup>,éé†,É,íAE (end)

fRf}f“fh,đŽg—p,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,çB

**q**

Edlin F Q ,ÉŠÖ,·,éÚ×î•ñ

Edlin F Q--%øđà



**Edlin F Q (Quit) -- %øðà**

**Q fRf}f“fh,Æ E fRf}f“fh,ì^á,ç**

□ì<Æ't,Éf□f,fš□ä,É□□¬,μ,½ftf@fCf<,Å,í,É,-

□A□ì<Æ,ðŠjŽn,μ,½,Æ,«,ÉfffBfXfN,©,çf□f,fš,É“Ç,ÝŽæ,Å,½ftf@fCf<,ð•Ò□W,·,é,Æ%¼'è,μ,Ü,·□BQ

fRf}f“fh,ðŽg—p,μ,Ä Edlin ,ð□I—<sup>1</sup>,·,é,Æ□ACE<sup>3</sup>,ì“ü—ÍfffBfXfN ftf@fCf<,Æ .BAK ,ìŠg'£Žq,ìfffBfXfN ftf@fCf<  
(“¶Y,·,é□ê□‡) ,ì“à—e,í□A•Ī□X,<sup>3</sup>,ê,·,É,»,ì,Ü,ÜŽc,è,Ü,·□B,±,ê,É'í,μ,Ä□AE fRf}f“fh,ðŽg—p,μ,Ä Edlin ,ð□I—  
<sup>1</sup>,·,é,Æ□A•Ò□W'í□Ü,ìftf@fCf<,ð□ì<Æ't,É•Ī□X,μ,½□ê□‡,í□A•Ò□WCEä,ì“à—e,<sup>a</sup>•Ů'¶,<sup>3</sup>,é□ACE<sup>3</sup>,ì“ü—ÍfffBfXfN  
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**•Ò□W□Ī,Ý,ìftf@fCf<,ðf□f,fš,©,çfffBfXfN,É□',«□ž,Ü,·,É Edlin ,ð□I—<sup>1</sup>,·,é□ê□‡**

**•Ò□W□Ī,Ý,ìftf@fCf<,ðf□f,fš,©,çfffBfXfN,É□',«□ž,Ü,·,É Edlin ,ð□I—**

**<sup>1</sup>,·,é,É,í□AZŸ,ìžè□‡,Ä'€□ì,μ,Ü,·□B**

1 Edlin fv□f“fvfg,<sup>a</sup>•\Žì,<sup>3</sup>,ê,½,ç q ,ð“ü—í,μ,Ü,·□BŽŸ,ìf□fbfZ□[fW,<sup>a</sup>•\Žì,<sup>3</sup>,ê,Ü,·□B

•Ò□W,ð'tŽ~,μ,Ü,·,© (Y/N)? \_

2 Y (yes) fL□[,ð%Ÿ,μ,Ü,·□B

Edlin F Q ,ÉŠÖ,·,é□Ú□×□î•ñ



Edlin F Q



### Edlin F R (Replace)

Žw'è,³,ê,½•¶Žš—ñ,ðsfuf¶bfN"à,ÅCEÿ□ð,μ,Ä□ACE©,Â,©,Á,½•¶Žš—ñ,ðŽw'è,³,ê,½•¶Žš—ñ,É'uŠ,μ,Ü,·□B

□ÅCEã,É'uŠ,³,ê,½□s,²□V,μ,¢CE»□Ý,ì□s,É,È,è,Ü,·□B

[□æ"²□s][,□l—¹□s][?]r[<CEfefLfXfg][fZfpfCE□f^ □VfefLfXfg]

### fpf%of□f^

□æ"²□s

<CEfefLfXfg,ÅŽw'è,μ,½•¶Žš—ñ,ð'uŠ,³,¹,½,¢□æ"²□s,ðŽw'è,μ,Ü,·□B

□l—¹□s

<CEfefLfXfg,ÅŽw'è,μ,½•¶Žš—ñ,ð'uŠ,³,¹,½,¢□Å□l□s,ðŽw'è,μ,Ü,·□B

? (<^—â•,„)

<CEfefLfXfg,ÅŽw'è,μ,½•¶Žš—ñ,²'uŠ,³,ê,é'O,É□AŠm" F,ð<□,β,éf□fbfZ□[fW,ð•Žl,·,é,æ,π,ÉŽw'è,μ,Ü,·□B

<CEfefLfXfg

'uŠ,³,¹,½,¢•¶Žš—ñ,ðŽw'è,μ,Ü,·□B

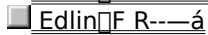
fZfpfCE□f^

<CEfefLfXfg,Æ□VfefLfXfg,ì'l,ð<æ□Ø,è,Ü,·□B,±,lfpf%of□f^,ÉŽg—p,Å,«,é'l,í□Aftf@fCf<□l—¹•¶Žš (Ctrl + Z) ,ì,Ý,Å,·□B

□VfefLfXfg

<CEfefLfXfg,ÅŽw'è,μ,½•¶Žš—ñ,²,Æ,É□A'uŠ•CEã,ì•¶Žš—ñ,ðŽw'è,μ,Ü,·□B

Edlin F R ,ÉŠÖ,·,é□Ú□×□î•ñ





**Edlin F R (Replace) --%ođà**

**fRf}f“fh s,lfXfy[fX**

fRf}f“fh s, Å r ,Æ, Û, ©, lfpf%of[f^, iSÖ, ÉfXfy[fX, ð’}“ü, ;, é, ±, Æ, í, Å, «, Û, ¹, ñB

**Sù’è, iY’è**

æ“a[sfpf%of[f^, ðÈ—ª, ;, é, ÆACEÿoö^—, íCE»Y, iqs, iŽY, iqs, ©, çŽn, Û, è, Û, ·B—¹[sfpf %of[f^, ðÈ—ª, ;, é, ÆAftf@fCf<, iqi, í, èA, Û, ½, lf[f, fS, É“ü, Å, Å, ç, éfefLfxfg•”•ª, iqi, í, è, ÅCEÿoö^—, ði— ¹, µ, Û, ·B

<CefefLfxfgfjpf%of[f^, ðÈ—ª, ;, é, ÆAACEã, É R fRf}f“fh, ðŽg— p, µ, ½, Æ, «, É<CefefLfxfg, Æ, µ, ÄŽw’è, µ, ½’lA, ”, æ, Ñ Edlin , Åi<Æ’t, iACEã, É S fRf}f“fh, ðŽg— p, µ, ½, Æ, «, ÉfefLfxfg, Æ, µ, ÄŽw’è, µ, ½’l, i, x, iACEã, ÄŽw’è, ³, è, ½’l, aŽg—p, ³, è, Û, ·B<CefefLfxfg, ðÈ—ª, µ, ½, ðê‡, ÉA·ÖWQi<Æ, Å R , Û, ½, í S fRf}f“fh, ðŽg—p, µ, Å, ç, È, ¯, è, íA, ±, lfRf}f“fh, í—¹, µ, Û, ·B VfefLfxfgfjpf%of[f^, ðÈ—ª, ;, é, ÆAEdlin , Åi<Æ’t, É R fRf}f“fh, ðŽg—p, ;, é, Æ, «, ÉŽw’è, µ, ½’l, aŽg—p, ³, è, Û, ·B VfefLfxfgfjpf%of[f^, ðÈ—ª, µ, ½, ðê‡, ÉAQi<Æ’t, É, Û, ¾ R fRf}f“fh, ðŽg—p, µ, Å, ç , È, ¯, è, íA<CefefLfxfg, Æ, µ, ÄŽw’è, µ, ½’l, aŽg—p, ³, è, Û, ·B

**fZjpfCE[f^ fpf%of[f^, iŽg—p-@**

<CefefLfxfg, ÆVfefLfxfg, i’l, íA Ctrl + Z fL[, i’g, Y‡, í, ¹, Å<æo, ç, È, ¯, è, í, È, è, Û, ¹, ñB<CefefLfxfg, ðÈ—ª, ;, é, ðê‡, àA Ctrl + Z fL[, ð%Y, µ, ÅVfefLfxfg, iæ“ª, ðŽi, f}fN, ð•t, ¯, é•K—v,ª, ;, è, Û, ·B Ctrl+Z fL[, i’g, Y‡, í, ¹, ð%Y, µ, Å, àA, ±, i•qŽš, í "Ctrl + Z" ,Æ, µ, Å, í•vŽi, ³, è, , AŽY, i, æ, x, É•vŽi, ³, è, Û, ·B ^Z

**<^—â•, (?) ,iŽg—p-@**

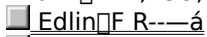
fRf}f“fh, Å ? fpf%of[f^, ðŽw’è, ;, é, ÆA<CefefLfxfg, Æ, µ, ÄŽw’è, µ, ½•qŽš—ñ,ªA%o , ÉCE©, Å, ©, Å, ½qs,ª•vŽi, ³, èAŽY, i, æ, x, ÉŠm”F, ð<, ß, éfjbfZ[fW,ª•vŽi, ³, è, Û, ·B ,æ, è, µ, ç, Å, ;, © <Y/N> ? \_

Y (yes) fL[, Û, ½, í Enter fL[, ð%Y, ;, ÆA, ±, i<CefefLfxfg, i’l, íVfefLfxfg, É’uŠ, ³, èAŽY, i”q %oÓš,ªCEÿoö, ³, è, Û, ·B N (no) fL[, ð%Y, ;, ÆA, ± , i<CefefLfxfg, i’l, í’uŠ, ³, è, , AŽY, i’uŠ’íU,ªCEÿoö, ³, è, Û, ·B

**<^—â•, (?) ,ðŽg—p, µ, È, çê‡**

? fpf%of[f^, ðŽg—p, µ, Ä’uŠ·^— , ðŠm”F, µ, È, çê‡, íA, ;, x, Å, i’uŠ’íU,ªêš‡’uŠ, ³, è, Å, ©, çA’uŠ, ³, è, ½•qŽš—ñ,ªSÜ, Û, è, Å, ç, éqs,ª 1 qs, , Å•vŽi, ³, è, Û, ·B 1 qs, É•i” , i’uŠ’íU,ªSÜ, Û, è, Å, ç, éê‡, íA’uŠ’íU 1 CEÅ,ªÆ, É, » , iqs,ª•vŽi, ³, è, Û, ·B

Edlin F R , ÉSÖ, ;, éUxí•ñ







**Edlin F R (Replace)---**

fj,fjā,ì•ÒW,Ýftf@fCf<,ì,¸,ìÅ%ì 20 s-Ú,Ü,Ä,ÅA,»),Ì,Å,ÇŠm”F,ð<,B,éffbfZ[fW,ð•\  
Žì,³,¹,È,ª,cA’PCEê "mine" ,ð’PCEê "ours" ,Å’uŠ,;,é,Æ%¼’è,μ,Û,·BfRf}f“fh,ìÅ%ì,ì•”•ª,ðŽÿ,ì,æ,¸  
,É“ü—í,μ,Û,·B,±,ìŽŽ”\_Ä,í **Enter** fL[,ð%ÿ,³,È,ç,Ä,,¾,¾,çB

**1,20?rmine**

,±,ìfRf}f“fh,ðŠ@□-,;é,É,íA**Ctrl + Z** fL[,ð%ÿ,μ(%æ-È,É,í ^Z ,Æ,μ,Ä•\Žì,³,ê,Û,·)A’PCEê "ours" ,ð“ü  
—í,μ,ÄA**Enter** fL[,ð%ÿ,μ,Û,·B%æ-È,É,í[AfRf}f“fh’S’ì,ªŽÿ,ì,æ,¸,É•\Žì,³,ê,Û,·B

1,20?rmine^Zours

Žÿ,ìftf@fCf<,ªff,fŠ,É, ,èA•ÒW,·,é€”ð,ª@,Ä,Ä,ç,é,Æ%¼’è,μ,Û,·BEdlin fvff“fvfg,Å **11** ,Æ“ü—  
í,;é,ÆAftf@fCf<,ì“à—e,ð•\Žì,Å,«,Û,·B

- 1: Dear Mr. Muster:
- 2:
- 3: Congratulations on your promotion
- 4: to the position of Senior Chemical
- 5: Engineer. I continue to be most
- 6: impressed with your hard work.
- 7:
- 8: I think you will enjoy working with
- 9: Mr. Lang on the new project. Please
- 10: let me know if there is anything I
- 11: can do to assist you.
- 12:
- 13: Sincerely,
- 14:
- 15: S.L. Martin, President
- 16: Rockdale Corporation
- 17: "A World Leader in Technology"

,±,±,Ä,íA5 s-Ú,©,ç 10 s-Ú,Ü,Ä,ìfuf□fbfN,ÅA’PCEê "I" ,ð,;¸,Ä’PCEê "yours truly" ,É’uŠ,;,é,Æ  
%¼’è,μ,Û,·BfRf}f“fh,ìÅ%ì,ì•”•ª,ðŽÿ,ì,æ,¸,É“ü—í,μ,Û,·B,±,ìŽŽ”\_Ä,í **Enter** fL[,ð%ÿ,³,È,ç,Ä,-  
,¾,¾,çB

**5,10rl**

,±,ìfRf}f“fh,ðŠ@□-,;é,É,íA**Ctrl + Z** fL[,ð%ÿ,μ (%æ-È,É,í ^Z ,Æ,μ,Ä•\Žì,³,ê,Û,·)A’PCEê "**yours  
truly**" ,ð“ü—í,μ,ÄA**Enter** fL[,ð%ÿ,μ,Û,·B%æ-È,É,í[AfRf}f“fh’S’ì,ªŽÿ,ì,æ,¸,É•\Žì,³,ê,Û,·B

5,10rl^Zyours truly

? fpf%of□□f^,ªÈ—ª,³,ê,Ä,ç,é,ì,ÅAŠm”F,ð<,B,éffbfZ[fW,í•\Žì,³,ê,,ÉA3 %Ó□Š,ÅŽg—p,³,ê,Ä,ç,é  
"I" ,ª’uŠ,³,ê,Û,·B,±,ìfRf}f“fh,ªŠ@—¹,;é,ÆAŽÿ,ì,æ,¸,É’uŠ•CEä,ì 3 □s,ª•\Žì,³,ê,Û,·B

- 5: Engineer. yours truly continue to be most
- 8: yours truly think you will enjoy working with
- 10: let me know if there is anything yours truly

□ä<L,ì—á,Ä,íA•ìX,μ,½,,È,©,Ä,½%Ó□ŠA,Ä,Û,è 5 s-Ú,Æ 8 s-Ú,Ä,à’uŠ□^—□,ªs,í,ê,Ä,ç,Û,·B,±  
,ìfRf}f“fh,É ? fpf%of□□f^,ð’Ç%Ä,;,é,ÆA•s—v,É’uŠ□^—□,ð-h,®,±,Æ,ª,Ä,«,Û,·BŠ@’S,ÈfRf}f“fh,íA  
%æ-È,ÉŽÿ,ì,æ,¸,É•\Žì,³,ê,Û,·B

5,10?rl^Zyours truly

,±,ê,ÄA<CEfefLfXfg fpf%of□□f^,ÄŽw’è,μ,½•¶Žš—ñ,ªCE©,Ä,©,é,½,Ñ,ÉAŠm”F,ð<,B,éffbfZ[fW,ª•\  
Žì,³,êAŽÿ,ì,æ,¸,ÉŠm”F,μ,½•¶Žš—ñ,ì,ÿ,ª’uŠ,³,ê,Û,·B

5: Engineer. yours truly continue to be most  
,æ,ë,μ,ç,Å,·,© <Y/N> ? n

8: yours truly think you will enjoy working with  
,æ,ë,μ,ç,Å,·,© <Y/N> ? n

10: let me know if there is anything yours truly  
,æ,ë,μ,ç,Å,·,© <Y/N> ? y

? fpf%of□□f^,ðŽg—p,μ,Ä,à□A•¶Žš—ñ,ðŠm”F,μ,Ä’uŠ,³,¹,½CE<%oÊ,Æ,μ,Ä•ï%o»,μ,½□s,ÍŽ©“®“l,É•\  
Žl,³,ê,Û,¹,ñ□BEdlin fvf□f“fvfg,Å L (list) fRf}f“fh,ð“ü—í,·,é,Æ□AZÿ,l,æ,æ,Éf□f,fš,ì•Ö□W□ï,Ýftf@fCf<,³\  
Žl,³,ê,Û,·□B

1: Dear Mr. Muster:

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11: can do to assist you.

12:

13: Sincerely,

14:

15: S.L. Martin, President

16: Rockdale Corporation

17: "A World Leader in Technology"

Edlin□F R ,ÉŠÖ,·,é□Ú□×□î•ñ

■ Edlin□F R--%ođ□à

■ Edlin□F R



**Edlin F S (Search)**

Žw'è,³,è,½•¶Žš—ñ,ðŒÿðö,µ,Û,·□B

Edlin ,Í□AŽw'è,³,è,½•¶Žš—ñ,ðŒÿðö,µ,Û,·□BŽÿ,É□ACEÿðö□^—□,ª□I—  
¹,µ□A,»„,ì□s,ªŒ»□Ý,ì□s,É,È,è,Û,·□B

[□æ“ª□s][□I—¹□s][?]s[fefLfXfg]

**f¶f%of□□[f^**

□æ“ª□s

ŒÿðöŠŽn□s,ðŽw'è,µ,Û,·□B

□I—¹□s

Œÿðö□I—¹□s,ðŽw'è,µ,Û,·□B

? (<^—â•„)

fefLfXfg,ÅŽw'è,µ,½•¶Žš—ñ,ª□Å□%o,ÉŒÿðö,Á,©,Á,½,Æ,«„,É□AŠm”F,ð<□,ß,éf□fbfZ□[fW,ð•\Ž|,·,é,æ,π  
,ÉŽw'è,µ,Û,·□B

fefLfXfg

Œÿðö,³,¹,½,ç•¶Žš—ñ,ðŽw'è,µ,Û,·□BŒÿðöfefLfXfg,ªfXfy□[fX,ÅŽn,Û,Á,Ä,ç,é□ê□‡,ð□œ,«□A,±,ìf¶f  
%of□□[f^,ì'O,ÉfXfy□[fX,í' }“ü,Ä,«„Û,¹,ñ□B

Edlin F S ,ÉŠÖ,·,é□Ú□×□î•ñ

Edlin F S--%oð□à

Edlin F S---á



**Edlin F S (Search)--%øðà**

**Šù'è,ìŸ'è**

æ“sfpf%ff[f^,ðÈ—ª,·,é,ÆACE»Ÿ,ìs,ìŽŸ,ìs,©,çCEŸðö^—,ªŽn,Û,è,Û,·B|—¹sfpf  
%ff[f^,ðÈ—ª,·,é,ÆAftf@fCf<,ìl,í,è,ÅCEŸðö^—,ª|—¹,µ,Û,·B

fefLfxfgf%ff[f^,ðÈ—ª,·,é,ÆAACEã,É s fRf}f“fh,ðŽg—  
p,µ,½,Æ,«,ÉfefLfxfg,Æ,µ,ÅŽw'è,µ,½'l'A,“,æ,Ñì<Æ't,ÉACEã,É r (replace) fRf}f“fh,ðŽg—  
p,µ,½,Æ,«,É<EfefLfxfg,Æ,µ,ÅŽw'è,µ,½'l,ì,æ,¿ACEã,ÉŽw'è,µ,½'l,ªŽg—p,ª,è,Û,·B|<Æ't,Å%,ß,Å s  
,Û,½,í r fRf}f“fh,ðŽg—p,·,é,Æ,«,ÉfefLfxfgf%ff[f^,ðÈ—ª,·,é,ÆAs fRf}f“fh,í!|À,É|—¹,µ,Û,·B

**? (<^—â•,,) ,ìŽg—p—@**

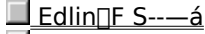
,±,ìfRf}f“fh,Å ? fpf%ff[f^,ðŽw'è,·,é,ÆAfefLfxfg,ÅŽw'è,µ,½•ŸŽš,ªÅ%,ÉCE©,Å,©,Á,½s,ª•\  
Ž!,ª,èAZŸ,ì,æ,æ,ÉŠm”F,ð<|,ß,éf|fbfZ|fW,ª•\Ž!,ª,è,Û,·B

,æ,è,µ,ç,Å,·,© <Y/N> ? \_

**Y** (yes) fL|,Û,½,í **Enter** fL|,ð%Ÿ,·,ÆAfbfZ|fW,ì¼'O,É•\Ž!,ª,è,½s,ªCE»Ÿ,ìs,É,È,èACEŸðö^—  
|,ª|—¹,µ,Û,·B **N** (no) fL|,ð%Ÿ,·,ÆA,à,æ 1 ,Å•ŸŽš—ñ,ªCE©,Å,©,é,©A,·,x,Å,ìs,ðCEŸðö,µ,½,±  
,Æ,ðŽ!,·ŽŸ,ìf|fbfZ|fW,ª•\Ž!,ª,è,Û,ÅACEŸðö^—,ª±s,ª,è,Û,·B

CE©,Å,©,è,Û,¹,ñ

Edlin F S ,ÉŠÖ,·,éÚ×î•ñ



Edlin F S---á



Edlin F S



**Edlin F S (Search)---**

ŽŸ, ìftf@fCf<, ãfñf, fŠ, É, , èA•ÒW, , :é€"ö, ã® , Á, Ä, ç, é, Æ%¼'è, μ, Ü, :BEdlin fvñf"fvfg, Å 11 , Æ"ü—  
Í, , é, ÆAftf@fCf<, ì"à—e, ð•Ž!, Å, «, Ü, :B

- 1: Dear Mr. Muster:
- 2:
- 3: Congratulations on your promotion
- 4: to the position of Senior Chemical
- 5: Engineer. I continue to be most
- 6: impressed with your hard work.
- 7:
- 8: I think you will enjoy working with
- 9: Mr. Lang on the new project. Please
- 10: let me know if there is anything I
- 11: can do to assist you.
- 12:
- 13: Sincerely,
- 14:
- 15: S.L. Martin, President

2 s-Ú, ©, ç 12 s-Ú, Ü, Å, Å'PCEê "to" , ãÅ% , ÉŽg—p, ã, ê, Ä, ç, é%ÓŠ, ðŸö, ã, 1, é, É, íAZŽŸ, ìfRf}f"fh, ð"ü—  
—Í, μ, Ü, :B

**2,12sto**

ŽŸ, ìs, ã•Ž!, ã, ê, Ü, :B

- 4: to the position of Senior Chemical
- "to" , ãÅ% , ÉŸ© , Å, ©, Á, ½s, ð•Ž!, ã, 1, Ä, ©, çASm" F, ð< , ß, éfñfbfZñfW, ð•\  
Ž!, ã, 1, é, É, íAZŽŸ, ìfRf}f"fh, ð"ü—Í, μ, Ü, :B

**1,?sto**

ŽŸ, ìs, ã•Ž!, ã, ê, Ü, :B

- 4: to the position of Senior Chemical
- , æ, è, μ, ç, Å, , © <Y/N> ? \_

**Y** fLñ[ , , ã, Ñ **Enter** fLñ[ ^ÈŠÖ, ì" C^ Ó, ìfLñ[ , ð%Ÿ, , ÆñACEŸöñ^ —ñ, ã'±s, ã, ê, Ü, :B, ±, ì—á, Å, íAZŽŸ, ì, æ, x, É  
**N** (no) fLñ[ , ð%Ÿ, μ, Ü, :B

, æ, è, μ, ç, Å, , © <Y/N> ? n

Ÿöñ^ —ñ, ã'±s, ã, êAZŽŸ, ìs, ã•Ž!, ã, ê, Ü, :B

- 5: Engineer. I continue to be most
- , æ, è, μ, ç, Å, , © <Y/N> ? \_

**Y** fLñ[ , ð%Ÿ, , ÆñACEŸöñ^ —ñ, ð'ž~ , μ, Ü, :B

Edlin F S , ÉŠÖ, , :éÚñ×ñî•ñ

- Edlin F S--%öñà
- Edlin F S



**Edlin F T (Transfer)**

fffBfXfN,É“ü,Á,Ä,ç,é•Ê,iftf@fCf<,ì“à—e,ðA f f, fŠ f ä,iftf@fCf<,ì“à—e,Æf} f fW,μ,Ü,·B  
[f} f fW f æ,ì s] t [fhf% f Cf u:] [fpfX] ft f@ fCf<-¼

**fpf% f f f^**

f} f fW f æ,ì s

fffBfXfN,©,ç“]’—,³,ê,éftf@fCf<,ð’}“ü,³,¹,½,ç%ÓŠ,ì¼’O,ì s”Ô f t,ðŽw’è,μ,Ü,·B,±,ìpf  
% f f f^,ìŠù’è’l,íACE» f Y,ì s,ì s”Ô f t,Å,·B

[fhf% f Cf u:] [fpfX] ft f@ fCf<-¼

f} f fW f æ,ì s f p f% f f f^,ÅŽw’è,μ,½ s,ì¼’O,É’}“ü,·,éftf@fCf<,ìpfX,Æ-¼’O,ðŽw’è,μ,Ü,·B f h f  
% f Cf u,ìŠù’è’l,íCE» f Y,ìfhf% f Cf u f p f X,ìŠù’è’l,íCE» f Y,ìfffBfCfNfgfŠ,Å,·B

Edlin F T ,ÉŠÖ,·,é f U f x f î•ñ

Edlin F T--%øð f à

Edlin F T---á



**Edlin F T (Transfer) --%øðà**

ffBfXfN, ©, çftf@fCfç, çf} [fW, ³, è, ½CEã AEEdlin fvff“fvfg, Å Edlin L (list) fRf}f“fh, ð“ü—  
í, , é, Æ A s” Ô t, ð X V, µ, ½ ó ‘ Ô, Å fefL f X fg, ¢ • \ Ž !, ³, è, Û, · B

Edlin F T , É Š Ö , , é Ú × î • ñ

Edlin F T --- á

Edlin F T



### Edlin F T (Transfer)---

• 0 W't, iftf@fCf<, i 12 s-U, Eftf@fCf< TAXES.MEM , ofj} [fW, : , é, É, í AŽŸ, ifRf} f"fh, đ" ü— í, μ, Ü, · B

### 12t taxes.mem

Edlin F T , ÉŠÖ, , é Ú x î • ñ

Edlin F T--%ođà

Edlin F T





**Edlin F W (Write)**

•Ò□W□í,Ý,ìftf@fCf<,ì□æ“a•”•<sup>a</sup>,đf□f,fŠ,©,çffBfXfN,É□’,«□ž,Ý,Ü,·□B

Edlin ,í□A<N”@Žž,É%oÂ”\,È,©,¬,è,ì□s□”,đfffBfXfN

ftf@fCf<,©,çf□f,fŠ,É“Ç,ÝŽæ,è,Ü,·□Bftf@fCf<,ìfTfCfY,žg—p%oÂ”\

f□f,fŠ,đ’’,ì,é□é□#,í□Aftf@fCf<,đ’iŠK“ì,É•Ò□W,μ,È,¬,é,î,È,è,Ü,<sup>1</sup>,ñ□B,Â,Ü,è□Aftf@fCf<,ì^è•”,đ•Ò□W,μ□AW

fRf}}f“fh,đŽg—p,μ,Â,»),ì•”•<sup>a</sup>,đfffBfXfN,É□’,«□ž,ñ,Â,©,ç□AA (append) fRf}}f“fh,đŽg—

p,μ,ĂŽŸ,ì•”•<sup>a</sup>,đ“Ç,ÝŽæ,è,Ü,·□B

[□s□”]w

**fpf%of□□lf^**

□s□”

f□f,fŠ□ă,ì•Ò□W□í,Ýftf@fCf<,ì□æ“a□s,©,ç□AfffBfXfN,É□’,«□ž,Ü,<sup>1</sup>,½,ç□s□”,đŽw’è,μ,Ü,·□B

Edlin□F W ,ÉŠÖ,·,é□Ú□×□î•ň

Edlin□F W--%ođ□à

Edlin□F W--—á



**Edlin F W (Write) --%øðà**

**W fRf}f“fh,ì<@”\**

ftf@fCf<,ðŠJ,,ÆAEdlin ,ìf@f,fŠ,ì 75 fp@fZf“fg,ðŽg—p,·,é,Û,ÅffBfXfN,©,ç@s,ð“Ç,ÝŽæ,è,Û,·BŽc,è,ì 25  
fp@fZf“fg,ìfefLfXfg•ÒW—

p,ÉŠm•Û,³,è,Û,·Bftf@fCf<‘S’ì,æf@f,fŠ,É“Ç,ÝŽæ,ç,è,½@è@#,íAŽÿ,ìf@fbfZ@fW,ª•\Žì,³,è,Û,·B

ftf@fCf<,ð@ì,í,è,Û,Å“Ç,Ý@ž,Ý,Û,µ,½.

,±,ìf@fbfZ@fW,ª•\Žì,³,è,½@è@#,íAW ,” ,æ,Ñ A (append) fRf}f“fh,ðŽg—p,·,é•K—v,í, ,è,Û,¹,ñB

ftf@fCf<,ðŠJ,ç,½,Æ,«,É,±,ìf@fbfZ@fW,ª•\Žì,³,è,Û,ç@è@#,íAftf@fCf<,ìftfCfY,ªŽg—p%Å“\f@f,fŠ,ð’ ,ì,Ä,ç  
,Û,·B,µ,½,ª,Á,ÄAW ,” ,æ,Ñ A fRf}f“fh,ðŽg—

p,µAftf@fCf<,ì^è•”,ð’,«ž,ñ,ÅAŽÿ,ì^è•”,ð“Ç,ÝŽæ,é,æ,µ,É,µ,ÄAftf@fCf<,ð’iŠK“ì,É•ÒW,µ,Û,·B

**W fRf}f“fh,íAŽÀ@Û,É•K—v,ª,È, ,è,îA•ïXCEã,ì“à—**

e,ðffBfXfN,É@’,«ž,Ý,Û,¹,ñB,µ,½,ª,Á,ÄAftf@fCf<‘S’ì,æf@f,fŠ,É“Ç,ÝŽæ,ç,è,½@è@#,É **W fRf}f“fh,ðŽg—**

p,·,é,ÆAQ (quit) fRf}f“fh,ðŽg—p,µ,Ä Edlin ,ð@ì—¹,µ,½@è@#,íAftf@fCf<,É•ïX,ð%Á,ì,½CEã,ì“à—

e,í•Û’¶,³,è,Û,¹,ñB

**s”Òt,ðX@V,·,é@è@#**

Edlin ,ª•ÒW@ì,Ý,ìftf@fCf<,ìæ“ª•”•ª,ðf@f,fŠ,©,çffBfXfN,É@’,«ž,ñ,¼CEãAEdlin fvf@f“fvfg,Å **L (list)**

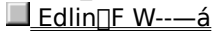
fRf}f“fh,ð“ü—í,·,é,ÆAV,µ,s”Òt,ðX@V,µ,½@ó’Ô,ÅA@s”Òt 1 ,©,çefLfXfg,ª•\Žì,³,è,Û,·B

**Šù’è,ì@Ý’è**

@s@f“fpf%of@f^,ðÈ—ª,·,é,ÆAf@f,fŠ,ì 25 fp@fZf“fg,Éff@f^,ªŽc,Á,Ä,ç

,é@ó’Ô,É,È,è,Û,ÅA•ÒW@ì,Ý,ìftf@fCf<,æf@f,fŠ,©,çffBfXfN,É@’,«ž,Û,è,Û,·B

Edlin F W ,ÉŠÖ,·,é@Ú@×@î•ñ



Edlin F W --á



Edlin F W



**Edlin F W (Write)---**

ffBfXfN ftj@fCf<,l,x,z ÅCEä,ì 100 s,afj,fS,É“ü,è,«,ê,È,ç,Æ  
%o¼'è,μ,Û,·Bftj@fCf<,ìæ“a•”•a,ð•ÖW,μ,Ä,©,çŽÝ,ìRf}f“fh,ð“ü—í,·,é,ÆAfffBfXfN  
ftj@fCf<,ìŽc,è,ì•”•a,ðfj,fS,É“Ç,ÝŽæ,èA•K—v,È<ó,«fXfy[]fX,ðŠm•Û,μ,ÄA•ÖW^—,ð'±s,Å,«,Û,·B

125w

Edlin F W ,ÉŠÖ,·,éÚ×î•ñ

- Edlin F W--%oðà
- Edlin F W



## Edlin fRf}f“fh

f w f < f v [ ^ • ñ , ¢ • K — v , È Edlin f R f } f “ f h , ð ' I ' ð , µ , Ä , , ¾ , ¢ , ¢ B

Edlin F [s"Ôt]

Edlin F A (Append)

Edlin F C (Copy)

Edlin F D (Delete)

Edlin F E (End)

Edlin F I (Insert)

Edlin F L (List)

Edlin F M (Move)

Edlin F P (Page)

Edlin F Q (Quit)

Edlin F R (Replace)

Edlin F S (Search)

Edlin F T (Transfer)

Edlin F W (Write)



### Net (fRf}f“fh flfvVf#f“)

Windows NT ,i'½,,lfjfbfgf□□[fN fRf}f“fh,í□Anet ,Ăžn,Ü,è,Ü,·□B,±,é,ç,ì net fRf}f“fh,É,í□A,ç,-  
,Ă,©,ì<α'É,ì“Á'¥,ª, ,è,Ü,·□B



**net /?** ,Æ“ü—í,·,é,Æ□A—~—p,Ă,«,é,·,×,Ă,ì net fRf}f“fh,ª^ê—•\Žì,ª,è,Ü,·□B



**net help** fRf}f“fh,Æ“ü—í,·,é,Æ□Anet fRf}f“fh,ì□\•¶,ÉŠÖ,·,éfwf<fv,ª•\Žì,ª,è,Ü,·□B,½,Æ,ì,î□Anet  
**help accounts** ,Æ“ü—í,·,é,Æ□Anet **accounts** fRf}f“fh,ÉŠÖ,·,éfwf<fv,ª•\Žì,ª,è,Ü,·□B



,·,×,Ă,ì net fRf}f“fh,É□A/**yes** , ,æ,Ñ /**no** flfvVf#f“ (/y , ,æ,Ñ /n ,Æ□É—ª,Ă,«,Ü,·) ,ª, ,è,Ü,·□B/y  
flfvVf#f“ ,í□AfRf}f“fh,ª□¶□□—,·,é'~bCE^fvf□f“fvfg,É'í,µ,Ăž©“@“l,É "yes" ,Æ•Ö“š,µ,Ü,·□B,Ü,½□A/n  
flfvVf#f“ ,ì "no" ,Æ•Ö“š,µ,Ü,·□B,½,Æ,ì,î□Anet **stop server** ,Ă,í□A'É□í□AServer  
fT□[fRfX,ÉŠÖ~A,·,é,·,×,Ă,ìfT□[fRfX,đ'âž~,·,é,©,Ç,α,©,đfvf□f“fvfg,Ăšm“F,µ,Ü,·,ª□Anet **stop server /y**  
,í□Afvf□f“fvfg,É'í,µ,Ăž©“@“l,É "yes" ,Æ•Ö“š,µ□AServer fT□[fRfX,đfvfffbfg f\_fEf“ ,µ,Ü,·□B



**Net Accounts**

ft[fU[f AfjffEfg ffpfXf[fh, ,æ,ÑfOfjfg—  
vCE,ðC³,μ,Ü,·BfAfjffEfg,lfpf%o[f^,ð·İX,·,éRf“fsf...[f^ä,ÅANet Logon ft[fX,³ŠŽn,³,é,Ä,ç  
,È,·,é,İ,È,è,Ü,¹,ñB

**net accounts** [/forcelogoff:{·ª | no}] [/minpwlen:·¶Žš] [/maxpwage:{"ú" | unlimited}]  
[/minpwage:"ú"] [/uniquepw:"] [/domain]

**net accounts** [/sync] [/domain]

**fpf%o[f^**

,È,μ

fpf%o[f^,ð·t,·,É **net accounts** ,Æ“ü—  
Í,·,é,ÆAfpfXf[fh,İC»Ý,İÝèAfjffEfg“sEÀAfhfCf“İ·ñ,ð·Žİ,μ,Ü,·B

**/forcelogoff:** {·ª | no}

ft[fU[f AfjffEfg,İ—  
LCEŠúŠÖ,ª,«,é,½,èAfjffEfg“ŽšŠÖ,ª’%oß,μ,½,Æ,«,ÉAfT[fO[f,Æ,İft[fU[f fzfbfVfjfg“,ð—  
¹,³,¹,é,Ü,Ä,İžžŠÖ,ð·ªP^È,ÄY’è,μ,Ü,·BŠù’è’İ,Í **no** ,ÅA<“s’İ,ÉfOfjft,μ,Ü,¹,ñB

**/forcelogoff:** ·ªfjfvfVfjfg“,ðŽw’è,·,é,ÆAfT[fU[f,ðfjfbfgf[fN,©,çfOfjft,³,¹,é’O,ÉAWindows NT  
,ªCEx,ð—M,μ,Ü,·Bftf@fCf<,ðŠJ,ç,Ä,ç,éèè±,İA,»),İft[fU[f,ÉCEx,μ,Ü,·B·ªfjfvfVfjfg“,ª 2 -ç-  
ž,Ä, ,é,İAfT[fU[f,ªfjfbfgf[fN,©,ç,·,®),ÉfOfjft,·,é,æ,ª,ÉCEx,μ,Ü,·B

**/minpwlen:** ·¶Žš

ft[fU[f AfjffEfg,lfpfXf[fh,İÅ—,İ·¶Žš“,ðY’è,μ,Ü,·B“í’İ,İ¼Šp,Å 0 ·¶Žš,©,ç 14  
·¶Žš,Ü,Ä,ÅAŠù’è’İ,Í 0 ·¶Žš,Ä,·B

**/maxpwage:** {"ú" | unlimited}

ft[fU[f AfjffEfg,lfpfXf[fh,ª—LCEø,ÈÅ’â,İ“ú“,ðY’è,μ,Ü,·B**unlimited** ,ðY’è,·,é,ÆA—  
LCEø“ú“,İ-³sEÀ,Æ,È,è,Ü,·B/**maxpwage** fjfvfVfjfg“,İA/**minpwage** ,æ,è’â,«,·,È,·,é,İ,È,è,Ü,¹,ñB“í’İ,Í  
1 “ú,©,ç 49,710 “ú,Ü,Ä,ÅAŠù’è’İ,Í 42 “ú,Ä,·B

**/minpwage:** “ú”

ft[fU[f,ªV,μ,fpfXf[fh,ð·İX,Ä,«,é,æ,ª,É,È,é,Ü,Ä,İÅ—,İ“ú“,ðY’è,μ,Ü,·B’İ,ª 0  
,Ä, ,é,İAÅ—,İ“ú“,İY’è,³,è,Ü,¹,ñB“í’İ,Í 0 “ú,©,ç 49,710 “ú,ÅAŠù’è’İ,Í 0 “ú,Ä,·B

**/uniquepw:** ”

ft[fU[f,ª^È’O,ÉŽg,Ä,½fpfXf[fh,ðÄ,ÑŽg,İ,é,æ,ª,É,È,é,Ü,Ä,ÉfpfXf[fh,ð·İX,μ,È,·,é,İ,È,ç,È,ç  
%oñ“,ðY’è,μ,Ü,·B“í’İ,Í 0 %oñ,©,ç 24 %oñ,ÅAŠù’è’İ,Í 0 %oñ,à,μ,·,Í None (È,μ) ,Ä,·B

**/domain**

CE»Ý,İhfCf“,İfvf%oCf}fš fhfCf“ fRf“fgf[f%oä,Ä,±,İ^—,ðŽÀs,μ,Ü,·B,±,İpf  
%o[f^,ª,È,çèè±,İAf[fjfc fRf“fsf...[f^ä,ÅŽÀs,μ,Ü,·B  
,±,İpf%o[f^,ª“K—p,³,è,é,İ,İAWindows NT Server fhfCf“,İf“fo[,Ä, ,éWindows NT Workstation  
fRf“fsf...[f^,É’İ,μ,Ä,¾,·,Ä,·BŠù’è,İY’è,Ä,İAWindows NT Server fRf“fsf...[f^,İAfvf%oCf}fš  
fhfCf“ fRf“fgf[f%oä,Ä,±,İ^—,ðŽÀs,μ,Ü,·B

**/sync**

fvf%oCf}fš fhfCf“ fRf“fgf[f%oä,ÄŽg,ª,ÆA,»,İhfCf““à,İ,·,x,Ä,İfobfNfAfbfv fhfCf“ fRf“fgf[f  
%o,ð“Šú,³,¹,Ü,·BfobfNfAfbfv fhfCf“ fRf“fgf[f%oä,ÄŽg,ª,ÆA,»,İfobfNfAfbfv fhfCf“ fRf“fgf[f  
%o,¾,·,ðfvf%oCf}fš fhfCf“ fRf“fgf[f%o,Æ“Šú,³,¹,Ü,·B,±,İRf}f“fh,İAWindows NT Server  
fhfCf“,İf“fo[,Ä, ,éRf“fsf...[f^,É,¾,·“K—p,³,è,Ü,·B

Net Accounts ,ÉŠÖ,·,éÚ××î•ñ  
■ Net Accounts---á



### Net Accounts---

<fOfIftAfpfXf[fh—vA,“æ,ÑfT[fO[,ì-š,,É,Á,ç,ÄE»Y,ìY’è,ð•\Z!,.é,É,íAŽY,ì,æ,æ,É“ü—  
í,μ,Ü,·B

net accounts

ft[fU[ fAfjJfEfg,ìpfXf[fh,ìA—,ì•“Žš”,ð”¼šp 7 •“Žš,ÉY’è,.,é,É,íAŽY,ì,æ,æ,É“ü—í,μ,Ü,·B

net accounts /minpwlen:7

fpfXf[fh,ð 5 %oñ^Èä•ìX,μ,È,ç,ÆÄ,Ñ““ìpfXf[fh,ðŽg,!,È,ç,æ,æ,ÉŽw’è,.,é,É,íAŽY,ì,æ,æ,É“ü—  
í,μ,Ü,·B

net accounts /uniquepw:5

ft[fU[, 7 “ú,æ,è,à’Z,çŠÔŠu,Á,ìpfXf[fh,ð•ìX,Á,«, ,A30

“ú,²,Æ,ÉfpfXf[fh,ð•ìX,μ,È,“,è,ì,È,ç, .AfOjif“ŽšÔ,“’ %oß,μ,½,Æ,«,É,í<fOfIft,³,èA<fOfIft,ì 5  
•“O,ÉEx,“—^,!,ç,è,é,æ,æ,ÉY’è,.,é,É,íAŽY,ì,æ,æ,É“ü—í,μ,Ü,·B

net accounts /minpwage:7 /maxpwage:30 /forcelogoff:5

ä<L,ìY’è,ð Windows NT Workstation fRf“fsf...[f^ä,Ás,çAfRf“fsf...[f^,“fOfIft“,.,é Windows NT  
Server fhfCf“,Éí,μ,Ä,»,ìY’è,ð—LÆø,É,.,é,É,íAŽY,ì,æ,æ,É“ü—í,μ,Ü,·B

net accounts /minpwage:7 /maxpwage:30 /domain

,.x,Ä,ìf“fo[ fT[fO[,ìft[fU[ fAfjJfEfg ff[f^fX,ðXV,.,é,É,íAŽY,ì,æ,æ,É“ü—í,μ,Ü,·B

net accounts /sync

Net Accounts ,ÉŠÖ,.,éÚ×î•ñ



### Net Accounts





### Net Computer

fhf[]fCf" ff[]f^fx[]fX,É'í,μ,Ä[]AfRf"fsf...[]f^,ð'Ç%oÁ,Ü,½,Í[]í[]œ,μ,Ü,·[]B,±,lfRf}f"fh,Í[]AWindows NT Server ,ðŽA[]s,·,éfRf"fsf...[]f^,Ä,μ,© Žg,!,Ü,¹,ñ[]B

**net computer** \\fRf"fsf...[]f^-¼ {/add | /del}

**fpf%of[]f^**

\\fRf"fsf...[]f^-¼

fhf[]fCf" ,É'í,μ,Ä'Ç%oÁ,Ü,½,Í[]í[]œ,·,éfRf"fsf...[]f^,ðŽw'è,μ,Ü,·[]B

**/add**

Žw'è,μ,½fRf"fsf...[]f^,ðfhf[]fCf" ,É'Ç%oÁ,μ,Ü,·[]B

**/del**

Žw'è,μ,½fRf"fsf...[]f^,ðfhf[]fCf" ,©,ç[]í[]œ,μ,Ü,·[]B

Net Computer ,ÉŠÖ,·,é[]Ú[]×[]î•ñ



Net Computer--'[]



Net Computer---á



## Net Computer--'

**net computer** fRf}f“fh,íAWindows NT Server ,đŽÀs,·,éfRf“fsf...[f^,Å,μ,©Žg,!,Ü,<sup>1</sup>,ñB

fRf“fsf...[f^,ìÇ%Á,Æíœ,íA,·,x,Äfvf%o}fCf}fŠ fhfCf“ fRf“fgf[f%o,É“]—,<sup>3</sup>,ê,Ü,·B

Net Computer ,ÉŠÖ,·,éÚ×î•ñ

Net Computer--—á

Net Computer



### Net Computer---á

f[]fOf[]f",μ,½fhf[]fCf",ÉfRf"f[]sf...[]f^ GRIZZLYBEAR ,đ'Ç%oÁ,·,é,É,í[]AŽŸ,ì,æ,α,É"ü—í,μ,Ü,·[]B

net computer \\grizzlybear /add

Net Computer ,ÉŠÖ,·,é[]Ú[]×[]î•ñ

Net Computer--'

Net Computer



## Net Config

“®ì't,ìqý'è%oÂ"ŷT[]fxfX,ð•\Ž!,μ,Ü,·□B,Ü,½,í□AŷT[]fxfX,ìqý'è,ð•\Ž!,Ü,½,í•ï□X,μ,Ü,·□B

**net config** [ŷT[]fxfX [fifvfVf#f" ]]

**fpf%o**f□□[f^

,È,μ

fpf%o f□□[f^,ð•t, , ,É **net config** ,Æ"ü—í, ,é,Æ□A□Ý'è%oÂ"\,ÈŷT[]fxfX,ì^è—,ð•\Ž!,μ,Ü,·□B

fT[]fxfX

**net config** fRf}f"fh,Â□Ý'è,Â,«,éŷT[]fxfX (**server** ,Ü,½,í **workstation**) ,ðŽw'è,μ,Ü,·□B

fifvfVf#f"

Žw'è,μ,½ŷT[]fxfX,É,æ,Á,Ä^Ù,È,è,Ü,·□B□Ú□×,È□\•¶,É,Ä,ç,Ä,í□A**net config server** ,Ü,½,í **net config**

**workstation** ,ðŽQ□Æ,μ,Ä,,¾,¾,ç□B

Net Config ,ÉŠÖ, ,é□Ú□×□î•ň

Net Config--'

Net Config---á



### Net Config--'

net config fT[fjfX,đŽg,æ,AE[AŸ'è%oÂ"\,È Server fT[fjfX,Ü,½,Í Workstation fT[fjfX,lfpf  
%of[f^,đ•i[X,Å,«,Ü,·B•i[XCE<%oÊ,Í,·,®,É"½%of,³,ê[AŸ'è,μ,Ê,ç,©,¬,è—LÆø,É,È,è,Ü,·B

ŠÖ~A[€-Ú

Net Config Server

Net Config Workstation

Net Config ,ÉŠÖ,·,é[Ú[×[î•ň

Net Config---á

Net Config



### Net Config--—á

,Ç,ìÿ'è%oÁ"√T[]fxfX,ª"©'†,©,ð•\Ž!,.,é,É,íAŽÿ,ì,æ,æ,É"ü—í,μ,Ü,·B

net config

Net Config ,ÉŠÖ,.,éÚ××î•ň

Net Config--'

Net Config



### Net Config Server

Server fT[fxfX,ì" @□'†,É□A,»,ì□Ý'è,ð•\Ž!,Ü,½,í•ï□X,μ,Ü,·□B

**net config server** [/autodisconnect:•<sup>a</sup>] [/srvcomment:"fefLfxfg"] [/hidden:{yes | no}]

**fpf%of□□[f^**

,É,μ

**net config server** ,Æ"ü—í,·,é,Æ□AServer fT□[fxfX,ìCE»□Ý,ì□Ý'è,ð•\Ž!,μ,Ü,·□B

**/autodisconnect:•<sup>a</sup>**

ft□[fU□[,ìfZfbfVf†f",ð□Ø'f,·,é,Ü,Å,ÉfAfNfefBfu,Å,È,ç□ó'Ô,É,μ,Ä,·,□Å'å,ìžžŠÔ,ð•<sup>a</sup>P^É,Å□Ý'è,μ,Ü,·□B-1  
,ðŽw'è,·,é,Æ□A□Ø'f,μ,Ü,<sup>1</sup>,ñ□B"í^í,í -1 ,©,ç 65535 •<sup>a</sup>,Ü,Å,Å□AŠù'è'í,í 15 •<sup>a</sup>,Å,·□B

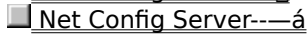
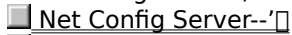
**/srvcomment:"fefLfxfg"**

Windows NT ,ì%œ—Ê□ă,â **net view** fRf}f"fh,Å•\Ž!,<sup>3</sup>,é,éft□[fo□[,ÉŠÖ,·,éRf□f"fg,ð'Ç  
%oÁ,μ,Ü,·□BfRf□f"fg,í 48 •¶Žš^È"à,Å,·□BfefLfxfg,í"ñ□d^ø—p,,,Å^í,Ý,Ü,·□B

**/hidden:{yes | no}**

fT□[fo□[,ìfRf"fsf...□[f^-¼,ðft□[fo□[,ì^è—,É•\Ž!,·,é,©,Ç,κ,©,ðŽw'è,μ,Ü,·□Bft□[fo□[,ð  
%oB,μ,Ä,à□A,»,ìft□[fo□[□ă,ìfAfNfZfXCE ,í•ï%o»,μ,Ü,<sup>1</sup>,ñ□BŠù'è'í,í **no** ,Å,·□B

Net Config Server ,ÉŠÖ,·,é□Ú□×□í•ñ





### Net Config Server--'

net config server fRf}f"fh,đŽg,α,Æ□A□Ý'è%oÁ"\,È Server fT□[frfX,lfpf  
%of□□[f^,đ•ī□X,Ā,«,Ü,·□B•ī□XCE<%oĒ,Í,·,©,É"½%of,³,Ē□A□Ā□Ý'è,μ,Ē,ϕ,©,¬,è—LCE∅,É,È,è,Ü,·□B

Server fT□[frfX,ì,·,×,Ā,lfpf%of□□[f^,đ net config server  
fRf}f"fh,Ā•ī□X,Ā,«,é,í,·,Ā,í,·,è,Ü,¹,ñ□B,½,¾,μ□A net config server ,ì•Ž!,É,Í'Ç%oÁ,ì□î•ñ,ªSÜ,Ü,é,Ā,ϕ  
,Ü,·□B•Ž!,É,Í□A fT□[fo□[,ÉŠÖ,·,éŽŸ,ì□î•ñ,ªSÜ,Ü,é,Ā,ϕ,Ü,·□B



fT□[fo□[,lfRf"fsf...□[f^-¼□A□à-¾,lfRf□f"fg□A,·,æ,ŃŃŃtfgfE fFfA,lf□□[fWf#f"□B



flfbfgf□□[fN,ì□à-¾□B



fT□[fo□[,ì%oB,μ□Ý'è□B



fT□[fo□[,ì<α—LŽ'CE¹,đŽg,ì,é□Ā'â,lf□□[fU□[□□□B



ŠJ,,±,Æ,ª,Ā,«,é fT□[fo□[ ftf@fCf<,ì□Ā'â,ì□□□B



fAfCfhf< fZfbfVf#f"ŽžŠÖ,ì□Ý'è□B

Net Config Server ,ÉŠÖ,·,é□Ú□×□î•ñ



Net Config Server--—á



Net Config Server





### Net Config Server---

net config server | more

net config server /hidden:yes

net config server /autodisconnect:15

Net Config Server

Net Config Server

Net Config Server

[Net Config Server](#)

[Net Config Server](#)



### Net Config Workstation

Workstation fT[fX,ì" ®ì†,ÉA,»,ìÝ'è,ð•Ž!,Ü,½,í•ïX,μ,Ü,·B

**net config workstation** [/charcount:fofCfg] [/chartime:f~fŠ•b] [/charwait:•b]

**fpf%of** [f^

,É,μ

**net config workstation** ,Æ"ü—Í,·,é,ÆA fff< fRf"fsf... [f^,ìCE>Ý,ìÝ'è,ð•Ž!,μ,Ü,·B

**/charcount:**fofCfg

ff [f^,ð'ÉMfffofCfX,É'—M,·,é,Ü,Å,É Windows NT ,žûW,·,éff [f^,ì—

É,žw'è,μ,Ü,·B/**chartime:**f~fŠ•b,žw'è,³,è,Ä,ç,é,ÆAWindows NT ,íÅ%,É-ž,½,³,è,½•û,ìŽw'è,É[]

,Ä,Ä"®ì,μ,Ü,·B"í'í,í 0 fofCfg,©,ç 65535 fofCfg,Ü,Å,ÅAŠù'è'í,í 16 fofCfg,Å,·B

**/chartime:**f~fŠ•b

ff [f^,ð'ÉMfffofCfX,É'—M,·,é,Ü,Å,É Windows NT

,žûW,·,éŽžŠÔ,žw'è,μ,Ü,·B/**charcount:**fofCfg,žw'è,³,è,Ä,ç,é,ÆAWindows NT ,íÅ%,É-

ž,½,³,è,½•û,ìŽw'è,É[],Ä,Ä"®ì,μ,Ü,·B"í'í,í 0 f~fŠ•b,©,ç 65535000 f~fŠ•b,ÅAŠù'è'í,í 250

f~fŠ•b,Å,·B

**/charwait:**•b

'ÉMfffofCfX,žg—p%Å"\,É,È,é,Ü,Å,É Windows NT ,ž'Ò,ŽžŠÔ,žw'è,μ,Ü,·B"í'í,í 0 •b,©,ç 65535

•b,ÅAŠù'è'í,í 3600 •b,Å,·B

Net Config Workstation ,ÉŠÖ,·,éÚ×î•ň

Net Config Workstation-- □

Net Config Workstation-- —á

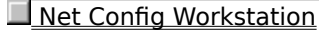


### Net Config Workstation--'

**net config workstation** fRf}f“fh,đŽg,α,Æ□A□Ý'è%oÅ"\\,È Workstation fT□[fRfX,lfpf %of□□[f^,đ•i□X,Å,«,Ü,·□B•i□XCE<%oÊ,í,·,©,É"½%of,³,ê□A□Ā□Ý'è,μ,É,ϕ,©,¬,è—LÆø,É,È,è,Ü,·□B

Workstation fT□[fRfX,ì,·,×,Ä,lfpf%of□□[f^,đ **net config workstation** fRf}f“fh,Å•i□X,Å,«,é,í,¬,Ä,í, ,è,Ü,¹,ñ□B,Ù,©,lfpf%of□□[f^,í□A□Ý'èfCEfWfXfgfŠ,Å•i□X,Å,«,Ü,·□B

Net Config Workstation ,ÉŠÖ,·,é□Ú□×□î•ñ



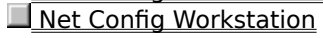


### Net Config Workstation---

Workstation fT[fjrfX,ìE»Ý,ìÝ'è,ð•\Ž!,,é,É,íAŽŸ,ì,æ,æ,É"ü—í,μ,Ü,·B  
net config workstation

Workstation fT[fjrfX,ìE»Ý,ìÝ'è,ð•\Ž!,,é,É,íAŽŸ,ì,æ,æ,É"ü—í,μ,Ü,·B  
net config workstation /chartime:500

Net Config Workstation ,ÉŠÖ,·,éÚ×í•ñ





## Net Continue

^ěžž'âž~ ,³,ê,Ä,ç,éfT[]f[]rfX,ð[]ÄŠ]Žn,μ,Ü,·[]B

**net continue** fT[]f[]rfX

**fpf%o**f[]f[]f^

fT[]f[]rfX

[]ÄŠ]Žn,Ä,«,éfT[]f[]rfX,í[]**file server for macintosh** (Windows NT Server ,ì,Ý)[]**Aftp publishing service**[]**Alpdsvc**[]**Anet logon**[]**Anetwork dde**[]**Anetwork dde dsdm**[]**Ant lm security support provider**[]**Aremoteboot** (Windows NT Server ,ì,Ý)[]**Aremote access server**[]**Aschedule**[]**Aserver**[]**Asimple tcp/ip services**[]A, ,æ,Ñ **workstation** ,Å,·[]B

Net Continue ,ÉŠÖ,·,é[]Ú[]x[]î•ň



Net Continue--'[]



Net Continue---á



### Net Continue--'

#### fT[f]o[f]l'x,ÆfNf%oFCfAf'fg'x:

**net continue** fRf}f"fh,ðŽg,ÆA^êŽž'âŽ~<sup>3</sup>,ê,Ä,ç,éft[f]rfX,ðÄ,ÑfAfNfefBfu,É,·,é,±,Æ,<sup>a</sup>,Ä,«,Ü,·Bft[f]U[,âfWf#fu,ðŠ@-<sup>1,3,1,1/2</sup>,èAŽ'CE<sup>1</sup>,©,çØ'f,Ä,«,é,æ,x,É,·,é,1/2,ßAfT[f]rfX,ð'âŽ~,·,é'O,É^êŽž'âŽ~,μ,Ä,<sup>3/4,3</sup>,çBŽ'CE<sup>1</sup>,É'í,·,é~f%o[f]C•œ,ð,·,é,É,íAfT[f]rfX,âfvfŠf"f^,ð^êŽž'âŽ~,·,é,<sup>3/4,</sup>·,Å\•<sup>a</sup>,Ä,·B[C]•œCEãA**net continue** fRf}f"fh,ðŽg,Ä,ÄAfT[f]U[,ìÚ'±,ðŽæ,èÄ,<sup>3,</sup>·,ÉAfT[f]rfX,âfvfŠf"f^,ðÄ,ÑfAfNfefBfu,É,μ,Ü,·B

#### fNf%oFCfAf'fg'x:

**net pause** ,·,æ,Ñ **net continue** fRf}f"fh,ðŽg,ÆAf]fbfgf[f]N fvfŠf"f^,ÆŽ©•<sup>a</sup>,]fRf"fsf... [f^,ÉÚ'±,<sup>3</sup>,ê,Ä,ç,évfŠf"f^,ðØ,è'Ö,|,é,±,Æ,<sup>a</sup>,Ä,«,Ü,·B

ŠÖ~A]€-Ú

Net Pause

Net Start

Net Stop

Net Continue ,ÉŠÖ,·,éÚ]x]î•ñ

Net Continue---á

Net Continue



**Net Continue---**

Workstation fT[fjrfX,đÄŠJŽn, ,é,É,íAŽŸ,ì,æ,æ,É“ü—í,μ,Ü,·B

net continue workstation

Net Continue ,ÉŠÖ, ,éÚ×î•ň

Net Continue--'

Net Continue



### Net File

fT[fO[ä,ŠJ,©,ê,Ä,ç,é,·,×,Ä,ì<κ—Lftf@fCf<,ì-¼'O[A,¨,æ,ÑŠeftf@fCf<,Éftf@fCf<  
f[]bfN,ª'¶Y,·,éê[]#,í,»,)»” ,đ•\Ž!,μ,Û,·[]B,Û,½[]ACEÂ•Ê,ì<κ—Lftf@fCf<,đ•Â,¶Aftf@fCf<,ìf[]bfN,đ  
%ođ[]œ,μ,Û,·[]B

**net file** [id [/close]]

**fpf%of[]f^**

,È,μ

fpf%of[]f^,đ•t,·,·,É **net file** ,Æ“ü—Í,·,·,Æ[]Aftf[]fo[[]ä,ŠJ,·,·,ê,Ä,ç,éftf@fCf<,ì^ê—,đ•\Ž!,μ,Û,·[]B  
id

ftf@fCf<,ìŽ·•Ê”Ô[]†,đŽw'è,μ,Û,·[]B

**/close**

ŠJ,©,ê,Ä,ç,éftf@fCf<,đ•Â,¶[]AfcfR[]fh,ìf[]bfN,đ%ođ[]œ,μ,Û,·[]B,±,ìfRf}f“fh,ì[]Aftf@fCf<,ª<κ—L,³,ê,Ä,ç  
,éft[]fo[l,©,ç“ü—Í,μ,Û,·[]B

Net File ,ÉŠÖ,·,é[]Ú[]×[]î•ñ

Net File--'

Net File---á





### Net File--'

,±,lfRf}f"fh,íA**net files** ,Æ"ü—í,·,é,±,Æ,à,Â,«,Ü,·B

**net file** fRf}f"fh,ðŽg,±,ÆAflfbfgf[]fN,Á<±—L,<sup>3</sup>,é,Ä,ç,éftf@fCf<,ì·\Ž!,à[]\$CEä,<sup>a</sup>,Â,«,Ü,·B<±—  
Lftf@fCf<,íAŠÔ^á,Á,ÄŠJ,©,è,½,Ü,Üf[]fbfN,<sup>3</sup>,é,Ä,ç,é,±,Æ,<sup>a</sup>, ,è,Ü,·B,±,ì,æ,±,Èó'Ô,<sup>a</sup>"-  
[]!,·,é,ÆAflfbfgf[]fN[]ä,ì,Ü,©,lfRf"fsf...[]f^,íAftf@fCf<,lf[]fbfN,<sup>3</sup>,é,Ä,ç,é·"·<sup>a</sup>,ÉfAfNfZfX,Â,«,È,-  
,È,è,Ü,·B**net file** fRf}f"fh,ì /**close** flfvfVf+f",ðŽg,±,ÆAftf@fCf<,lf[]fbfN,ð%øð[]œ,μ,Ä·Ä,¶,é,±  
,Æ,<sup>a</sup>,Â,«,Ü,·B

**net file** fRf}f"fh,ì·\Ž!,íAŽY,ì,æ,±,É,È,è,Ü,·B

ftf@fCf<            fpfX                    ft[]fU[][-¼            #f[]fbfN"

-----

0	C:\A_FILE.TXT	MARYSL	0
1	C:\DATABASE	DEBBIET	2

Net File ,ÉŠÖ,·,é[]Ú[]×[]î·ñ



Net File---á



Net File



### Net File---

<—Lftf@fCf<,ÉŠÖ,·,éŕî•ñ,ð•\Ž!,·,é,É,ÍAŽŸ,ì,æ,æ,É“ü—Í,μ,Û,·B

net file

Ž·•É”Ôŕ†,ª 1 ,lftf@fCf<,ð•Â,ŕ,é,É,ÍAŽŸ,ì,æ,æ,É“ü—Í,μ,Û,·B

net file 1 /close

Net File ,ÉŠÖ,·,éŕŮŕ×ŕî•ñ





## Net Group

Windows NT Server fhf[]fCf"[]ä,Ä,lfOf[][]fOf<[]fv,ð'Ç%Á[]A·\Ž!,Ü,½,Í[]C[]³,µ,Ü,·[]B,±,lfRf}f"fh,Í[]AWindows NT Server fhf[]fCf",É,µ,©Žg,!,Ü,¹,ñ[]B

**net group** [fOf<[]fv-¼ [/comment:"fefLfxfg"]] [/domain]

**net group** fOf<[]fv-¼ {/add [/comment:"fefLfxfg"] | /delete} [/domain]

**net group** fOf<[]fv-¼ ft[]fU[][-¼ [...] {/add | /delete} [/domain]

**fpf%of[]f^**

,É,µ

fpf%of[]f^,ð·t,~,É **net group** ,Æ"ü-Í,·,é,Æ[]Aft[]fo[][,Ì-¼'O,Æ,»,lfT[]fo[][]ä,lfOf<[]fv-¼,ð·\Ž!,µ,Ü,·[]B

fOf<[]fv-¼

'Ç%Á[]A[]C[]³[]A,Ü,½,Í[]í[]œ,·,éfOf<[]fv,Ì-¼'O,ðŽw'è,µ,Ü,·[]BfOf<[]fv,lf+[]fU[][,Ì^è-—,ð·\Ž!,·,é,É,Í[]AOf<[]fv-¼,¾,~,ð"ü-Í,µ,Ü,·[]B

**/comment:**"fefLfxfg"

µ,µ,çfOf<[]fv,Ü,½,ÍŠù'¶,lfOf<[]fv,É'í,µ,ÄfRf[]"fg,ð'Ç%Á,µ,Ü,·[]BfefLfxfg,Í"ñ[]d^ø-p·,,Ä^í,Ý,Ü,·[]B

**/domain**

Æ»[]Ý,lfhf[]fCf",lfvf%ofCf}fŠ fhf[]fCf" fRf"fgf[][]f%[]ä,Ä,±,Ì^—[],ðŽÄ[]s,µ,Ü,·[]B,±,lfpf%of[]f^,ª,È,ç[]è[]#,Í[]AOf[][]fjfc fRf"fsf...[]f^[]ä,Ä,±,Ì^—[],ðŽÄ[]s,µ,Ü,·[]B

,±,lfpf%of[]f^,ª"K-p,³,é,é,Ì,Í[]AWindows NT Server fhf[]fCf",lf[]f"fo[][,Ä, ,é Windows NT Workstation fRf"fsf...[]f^,É'í,µ,Ä,¾,~,Ä,·[]BŠù'è,Ì[]Ý'è,Ä,Í[]AWindows NT Server fRf"fsf...[]f^,Í[]Afvf%ofCf}fŠ fhf[]fCf" fRf"fgf[][]f%[]ä,Ä,±,Ì^—[],ðŽÄ[]s,µ,Ü,·[]B

ft[]fU[][-¼ [ ...]

fOf<[]fv,É'Ç%Á[]A,Ü,½,ÍfOf<[]fv,©,ç[]í[]œ,·,é 1 ,Ä^È[]ä,lf+[]fU[][-¼,ðŽw'è,µ,Ü,·[]B·;[]",lf+[]fU[][-¼,Í[]Afxfy[]fX,Ä<æ[]ø,è,Ü,·[]B

**/add**

fOf<[]fv,ð'Ç%Á[]A,Ü,½,ÍfOf<[]fv,Éft[]fU[][-¼,ð'Ç%Á,µ,Ü,·[]B,±,lfRf}f"fh,ðŽg,Ä,ÄfOf<[]fv,É'Ç%Á,·,éft[]fU[][,É'í,µ,Ä,Í[]A, ,ç,©,¶,ßfAfffEj"fg,ªSm-š,³,é,Ä,ç,È,~,é,Ì,È,è,Ü,¹,ñ[]B

**/delete**

fOf<[]fv,ð[]í[]œ[]A,Ü,½,ÍfOf<[]fv,©,çft[]fU[][-¼,ð[]í[]œ,µ,Ü,·[]B

Net Group ,ÉŠÖ,·,é[]Ú[]x[]î·ñ



Net Group--'



Net Group---á



### Net Group--'

,±,ìfRf}f“fh,í□Anet groups ,Æ“ü—í,·,é,±,Æ,à,À,«,Ü,·□B

**net group** fRf}f“fh,ðŽg,æ,Æ□Aflfbjgff□□[fN,ð“~ ,¶,æ,æ,ÉŽg,æft□[fU□[ ,ðfOf<□[fv%oo» ,·,é,± ,Æ,æ,À,«,Ü,·□BfOf<□[fv,ÉCE —~,ðŠ,,,è“- ,Ä,é,Æ□A,»,ìfOf<□[fv,ìŠef□f“fo□[ ,í□AZ©“@“l,É,»,ìCE — ~,ðŽ□,ì,Ü,·□B

fT□[fo□[□ā,ìfOf<□[fv,ì·\Ž!,í□AZÿ,ì,æ,æ,É,È,è,Ü,·□B

\\PRODUCTION ,ìfOf<□[fv fAfffEf“fg

-----  
\*Domain Admins

\*Domain Users

Šefvf□fOf%of€-¼,ì'O,ÉfAfXf^fŠfXfN (\*) ,æ•t,ç,Ä,ç,é,±,Æ,É'□^Ó,μ,Ä,- ,¾,¾,ç□BfAfXf^fŠfXfN,í□Aft□[fU□[ ,ÆfOf<□[fv,æŠÜ,Ü,è,Ä,ç,é,éOf<□[fv,ð•\Ž!□ā<æ•É,μ,Ü,·□B

ŠÖ~A□€-Ú

Net Localgroup

Net User

Net Group ,ÉŠÖ,·,é□Ú□×□î•ñ

Net Group---á

Net Group



### Net Group---

net group

net group

net group exec /add

net group exec /add

net group exec /add /domain

net group exec /add /domain

net group exec stevev ralphr jenny /add

net group exec stevev ralphr jenny /add /domain

net group exec

net group exec /comment:"The executive staff."

Net Group

Net Group

Net Group

Net Group

Net Group

Net Group

Net Group



Net Group



Net Group



## Net Help

f wf<fv, ð•\Ž!, Å, «, élfjfbfgf [fN fRf}f“fh, Æ€-Ú, ì^ê—, ð•\Ž!, μ, Ü, ·□B, Ü, ½, í“Á’è, lfRf}f“fh, â€-  
 Ú, lf wf<fv, ð•\Ž!, μ, Ü, ·□B—~—p, Å, «, é net fRf}f“fh, í□A, ±, lfRf}f“fh fŠftf@fCef“fX, ì [fRf}f“fh] fEfBf“fhfE, ì N  
 , ì€-Ú, É^ê—•\Ž!, ·, é, ±, Æ, à, Å, «, Ü, ·□B

**net help** [fRf}f“fh]

**net** fRf}f“fh {/help | /?}

**fpf%of□□[f^**

, È, μ

f pf%of□□[f^, ð•t, , , É **net help** , Æ“ü—í, ·, é, Æ□Afwf<fv, ð•\Ž!, Å, «, éfRf}f“fh, Æ€-Ú, ì^ê—, ð•\Ž!, μ, Ü, ·□B  
 fRf}f“fh

f wf<fv, ð•\Ž!, ·, éfRf}f“fh, ðŽw’è, μ, Ü, ·□B**net** , ðfRf}f“fh, ì^ê•” , Æ, μ, Ä“ü—í, μ, È, ç, Å, , ¾, ¾, ç□B

**/help**

f wf<fv, ð•\Ž!, ·, é, à, x 1 , Å, ì•û-@, Å, ·□B

**/?**

fRf}f“fh, ì□³Šm, È□\•¶, ð•\Ž!, ³, ê, Ü, ·□B

Net Help , ÉŠÖ, ·, é□Ú□×□î•ñ

Net Help---á



### Net Help---

**net help** fRf}f“fh,ì 2 ,Á,ì‘Ž® ,đŽg,Á,ÄA**net use** fRf}f“fh,ÉŠÖ,μ,Ä“ ,¶¶•ň,đ•\Ž!, ,é,É,íAŽÿ,ì,æ,π,É“ü  
—í,μ,Ü,·B

### net help use

,Ü,½,í

### net use /help

**net use** fRf}f“fh,ì\•¶,đ•\Ž!, ,é,É,íAŽÿ,ì,æ,π,É“ü—í,μ,Ü,·B

### net use /?

Net Help ,ÉŠÖ,·,éÚ×¶•ň



Net Help



### Net Helpmsg

Windows NT ,ífGf%o[] f[]bfZ[]fW,ÉŠÖ,·,éfwf<fv,ð•\Ž!,μ,Ü,·□B

**net helpmsg** f[]bfZ[]fW”Ô□+

**fpf%o**f[]f^

f[]bfZ[]fW”Ô□+

fwf<fv,ð•\Ž!,<sup>3</sup>,<sup>1</sup>,é,Æ,«,É•K—v,È Windows NT ,íf[]bfZ[]fW,ì 4 Ć...,ì”Ô□+,Å,·□B

Net Helpmsg ,ÉŠÖ,·,é□Ú□×□î•ñ



Net Helpmsg--'



Net Helpmsg---á





### Net Helpmsg--'

fjfbfgf[fN'€],ÉŽ,"s,;é,Æ[AŽŸ,ì,æ,α,ÈfjfbfZ[fW,ª\Ž!,³,ê,Ü,·B

NET 2182: —v<[³,ê,½fT[fxfX,ÍŠù,ÉŠJŽn,μ,Ä,ç,Ü,·B

Windows NT ,jfGf%o[fjfbfZ[fW,ì'O,É,Í **net** ,Æ,ç,α'PCEê,ª•t,ç,Ä,ç,Ü,·,ªAfjfbfZ[fW"Ôt,ì^ê•",Æ,μ,Ä **net** ,đ"ü—Í,·,é•K—v,Í, ,è,Ü,¹,ñB

**net helpmsg** fRf}f"fh,đŽg,α,Æ[AfGf%o[,ì"¶—R,,"æ,Ñ-â'è,đ%ođCE^,·,é,½,ß,ì•ú-@,ìà-¾,ª\ Ž!,³,ê,Ü,·B

Net Helpmsg ,ÉŠÖ,·,éÚ×î•ñ

[Net Helpmsg---](#)á

[Net Helpmsg](#)



### Net Helpmsg---

Windows NT ,lfGf%o[] f[]fbfZ[][fW NET 2182 ,ÉŠÖ, ,éfwf<fv,ð•\Ž|, ,é,É,Í[]AŽŸ,ì,æ,ꝛ,É“ü—í,μ,Ü,·[]B  
net helpmsg 2182

fGf%o[] f[]fbfZ[][fW,Æfwf<fv[]î•ñ,<sup>a</sup>•\Ž|,<sup>3</sup>,ê,Ü,·[]B

Net Helpmsg ,ÉŠÖ, ,é[]Ú[]×[]î•ñ

Net Helpmsg--'

Net Helpmsg



### Net Localgroup

fOf<[fv,đ'Ç%ÁA•\Ž!A,Ü,½,íC³,μ,Ü,·B

**net localgroup** [fOf<[fv-¼ [/comment:"fefLfxfg"]] [/domain]

**net localgroup** fOf<[fv-¼ {/add [/comment:"fefLfxfg"] | /delete} [/domain]

**net localgroup** fOf<[fv-¼ -¼'O [...] {/add | /delete} [/domain]

**fpf%o**f[f^

,É,μ

fpf%o[f^,đ•t,·,É **net localgroup** ,Æ"ü—Í,·,é,ÆAfT[fO,ì-¼'O,Æ,»,ìRf"fsf...[f^,ìf[f< fOf<[fv,ì-¼'O,đ•\Ž!,μ,Ü,·B

fOf<[fv-¼

'Ç%ÁA□C³A,Ü,½,í□œ,·,éf[f< fOf<[fv,ì-¼'O,đŽw'è,μ,Ü,·Bf[f<

fOf<[fv,ìf[fU[Ü,½,ìfO[f< fOf<[fv,ì^è—,đ•\Ž!,·,é,É,íAfOf<[fv-¼,¾,·,đ"ü—Í,μ,Ü,·B

**/comment:**"fefLfxfg"

□v,μ,çfOf<[fv,Ü,½,íŠù'¶,ìfOf<[fv,É'í,μ,ÄfRf"fg,đ'Ç%Á,μ,Ü,·BfRf"fg,í 48

•¶Žš^È"à,Ä,·BfefLfxfg,í"ñd^ø—p•,,Ä^Í,Ý,Ü,·B

**/domain**

Æ»¶Ý,ìfhfCf",ìfvf%oCf}fŠ fhfCf" fRf"fgf[f%oä,Ä,±,ì^—□,đŽÀ□s,μ,Ü,·B,±,ìfpf

%o[f^,â,É,ç□è□#,íA□f[f< fRf"fsf...[f^□ä,Ä,±,ì^—□,đŽÀ□s,μ,Ü,·B

,±,ìfpf%o[f^,â"K—p,³,é,é,ì,íAWindows NT Server fhfCf",ìf"fo[Ä, ,é Windows NT Workstation

fRf"fsf...[f^,É'í,μ,Ä,¾,·,Ä,·BŠù'è,ì¶Ý'è,Ä,íAWindows NT Server fRf"fsf...[f^,íAfvf%oCf}fŠ

fhfCf" fRf"fgf[f%oä,Ä,±,ì^—□,đŽÀ□s,μ,Ü,·B

-¼'O [ ...]

f[f< fOf<[fv,É'Ç%ÁA,Ü,½,ìf[f< fOf<[fv,©,ç□í□œ,·,é 1 ,Ä^È□ä,ìf[fU[-¼,Ü,½,ìfOf<[fv-

¼,đŽw'è,μ,Ü,·B•;□",ìf[fU[-¼,âfOf<[fv-¼,íAfxfy[fX,Ä<æ□Ø,è,Ü,·B-

¼'O,ÉŽw'è,Ä,«,é,ì,íA□f[f< f[fU[□A,Ü,©,ìfhfCf",ìf[fU[□A,Ü,½,ìfOf[fOf<

fOf<[fv,ÄA,Ü,©,ìf[f< fOf<[fv,ÍŽw'è,Ä,«,Ü,¹,ñB•É,ìfhfCf",©,ç,ìf[fU[.ìè□#,É,íA□f[fU[-

¼,ì'O,ÉfhfCf"-¼,đ•t,·,Ü,· (,½,Æ,ì,íASALES\KAORUI)□B

**/add**

f[f< fOf<[fv,ÉA□fO□fOf< fOf<[fv-¼,Ü,½,ìf[fU[-¼,đ'Ç%Á,μ,Ü,·B,±,ìRf}f"fh,Äf[f<

fOf<[fv,É'Ç%Á,·,éf[fU[.âfO□fOf< fOf<[fv,É'í,μ,Ä,íA, ,ç,©,¶,ìfAfjEj"fg,âŠm—š,³,é,Ä,ç

,É,·,é,î,È,è,Ü,¹,ñ□B

**/delete**

f[f< fOf<[fv,©,çA□fOf<[fv-¼,Ü,½,ìf[fU[-¼,đí□œ,μ,Ü,·B

Net Localgroup ,ÉŠÖ,·,é□Ú□×□î•ñ



Net Localgroup--'□



Net Localgroup---á



### Net Localgroup--'

net localgroup fRf}f“fh,đŽg,æ,Æ□Afrf“fsf...□[f^,âflfbfgf□□[fN,đ“~,¶,æ,æ,ÉŽg,æft□[fU□[.đfOf<□[fv %oo»,Å,«,Ü,·□Bf□□[ffj< fOf<□[fv,ÉCE —~,đS,,,è“-,Ä,é,Æ□A,»,lf□□[ffj< fOf<□[fv,ìŠef□f“fo□[,í□AŽ©“@“l,É,»,ê,Æ“~,¶CE —~,đŽ□,¿,Ü,·□B

ŠÖ~A□€-Ú



Net User



Net Group (Windows NT Server ,ì,Ý)



Net Localgroup ,ÉŠÖ,·,é□Ú□×□î•ň



Net Localgroup--—á



Net Localgroup



### Net Localgroup---

net localgroup exec /add /domain

### net localgroup

net localgroup exec /add

### net localgroup exec /add

net localgroup exec /add /domain

### net localgroup exec /add /domain

net localgroup exec stevev sales\ralphr jennyt /add

### net localgroup exec stevev sales\ralphr jennyt /add

net localgroup exec stevev ralphr jennyt /add /domain

### net localgroup exec stevev ralphr jennyt /add /domain

net localgroup exec

### net localgroup exec

net localgroup exec /comment:"The executive staff."

### net localgroup exec /comment:"The executive staff."

Net Localgroup



Net Localgroup



Net Localgroup



**Net Name**

f[]bfz[][fW^[]Ä[]æ-¼ (fGfCfŠfAfX,Æ,àcEÄ,Ñ,Ü,·) ,ð'Ç%oÁ,Ü,½,í[]í[]œ,μ,Ü,·[]B,Ü,½,í[]AfRf"fsf...  
[][f^,Äf[]bfz[][fW,ðŽó,~Žæ,é-¼'O,ì^è—,ð·\Ž!,μ,Ü,·[]B**net name** ,ðŽg,α,É,í[]AMessenger  
fT[][frfX,ª" @[]ì^t,Ä,È,~ ,é,Î,È,è,Ü,¹,ñ[]B

**net name** [-¼'O [/add | /delete]]

**fpf%of[][f^**

,È,μ

fpf%of[][f^,ð·t,~ ,,É **net name** ,Æ"ü-Í,·,é,Æ[]ACE»[]ÝŽg-p't,ì-¼'O,ì^è—,ð·\Ž!,μ,Ü,·[]B  
-¼'O

f[]bfz[][fW,ðŽó[]M,·,é-¼'O,ðŽw'è,μ,Ü,·[]B-¼'O,í"¼Šp,Å 15 •[]Žš^È"à,Ä,·[]B

**/add**

fRf"fsf...[][f^,É-¼'O,ð'Ç%oÁ,μ,Ü,·[]B**/add** ,í[]A·t,~ ,Ä,à[]A·t,~ ,È,,Ä,à,©,Ü,ç,Ü,¹,ñ[]B**net name** -¼'O ,Æ"ü  
-Í,·,é,±,Æ,Æ[]A**net name** -¼'O **/add** ,Æ"ü-Í,·,é,±,Æ,Í"~ ,[]Ä,·[]B

**/delete**

fRf"fsf...[][f^,©,ç-¼'O,ð[]í[]œ,μ,Ü,·[]B

Net Name ,ÉŠÖ,·,é[]Ú[]×[]î^ñ

Net Name--'

Net Name---á



### Net Name--'

net name fRf}f“fh,đŽg,⊘,ÆAf□fbfZ□[fW,đŽó□M,·,é-¼'O,đŽw'è,Á,«,Ü,·□Bnet name fRf}f“fh,đŽg,⊘  
 ,É,í□AMessenger fT□[frfX,ªŠ]Žn,³,é,Ä,ç,È,¯,é,ì,È,è,Ü,¹,ñ□Bf□fbfZ□[fW^¶,Ä□æ-  
 ¼,í□Af□fbf□g□□[fN□ă,Á“¯,¶,à,ì,í<-³,é,Ü,¹,ñ□Bnet name ,Á□ì□-³,é,½-¼'O,í□fbfZ□[fW,ì—  
 Žó□M,ì,½,ß,¾,¯,ì,à,ì,Á□Af□f<□[fv-¼,Á,í, ,è,Ü,¹,ñ□B

### Windows NT ,Á,í□AZŸ,ì 3 Ží—p,ì-¼'O,đŽg,ç,Ü,·□B



f□fbfZ□[fW^¶,Ä□æ-¼□Bnet name ,Á'Ç%Á,μ,Ü,·□B



fRf“fsf...□[f^,íRf“fsf...□[f^-¼□BWorkstation fT□[frfX,ìŠ]ŽnŽž,É'Ç%Á,³,é,Ü,·□B



ft□[fU□[-¼□Bft□[fU□[-¼,í□Af□fbf□g□□[fN□ă,ì,ù,©,ì□é□Š,ÁŽg—p't,Á,È,¯,é,í□Af□fOf□f“Žž,É'Ç  
 %Á,³,é,Ü,·□B

fRf“fsf...□[f^-¼,í□í□œ,Á,«,Ü,¹,ñ□Bft□[fU□[-¼,í□í□œ,Á,«,Ü,·□B

ŠÖ~A□€-Ú



### Net Send

Net Name ,ÉŠÖ,·,é□Ú□×□í•ñ



Net Name---á



Net Name



**Net Name---**

fRf"fsf...[f^,Å-¼'O,ì^ê—,ð•\Ž!,.,é,É,ÍAŽŸ,ì,æ,æ,É"ü—Í,μ,Û,·B

**net name**

-¼'O **rsvp** ,ðfRf"fsf...[f^,É'Ç%Á,.,é,É,ÍAŽŸ,ì,æ,æ,É"ü—Í,μ,Û,·B

**net name rsvp**

-¼'O **rsvp** ,ðfRf"fsf...[f^,©,çíœ,.,é,É,ÍAŽŸ,ì,æ,æ,É"ü—Í,μ,Û,·B

**net name rsvp /delete**

Net Name ,ÉŠÖ,.,éÚ×î•ñ

Net Name--'

Net Name





### Net Pause

“®̀ì'†,ìfT[]fxfX,ð^èžž'âž~-,μ,Ü,·[]B

**net pause** fT[]fxfX

**fpf%o**f[]f^

fT[]fxfX

**file server for macintosh** (Windows NT Server ,ì,Ý)[]**Aftp publishing service**[]**Alpdsvc**[]**Anet logon**[]**Anetwork dde**[]**Anetwork dde dsdm**[]**Ant lm security support provider**[]**Aremoteboot** (Windows NT Server ,ì,Ý)[]**Aremote access server**[]**Aschedule**[]**Aserver**[]**Asimple tcp/ip services**[]A,Ü,½,í **workstation** ,ðžw'è,μ,Ü,·[]B

Net Pause ,ÉŠÖ,·,é[]Ú[]×[]î•ñ



Net Pause--'



Net Pause---á



**Net Pause--'**

**fT[fO[':**

fT[fRfX,đ'âž~, , ,é' O,É net pause fRf}f"fh,đžg, ,Æ AfT[fU[f, ,fWf#fu,đš®—  
1,3,1,1/2,èAZ'CE1, ©,çØ'f,Å,«,é,æ, ,É,È,è,Û, ·BfT[fRfX,đ^èžž'âž~, , ,é,Æ•Û—'ó'Ô,É,È,è,Û, , ,Af  
ftgJfEJfA,Íf,fS, ©,çíœ,3,è,Û,1,ñBŠù,Éž'CE1,ÉÚ'±,μ,Ä,ç,1/2ft[fU[f,íAŠež©,Íf^fXfN,đš®—  
1,Å,«,Û, , ,AfV,1/2,Éž'CE1,ÉÚ'±, , ,é,±,Æ,Í,Å,«,É,È,è,Û, ·B

<α—Lž'CE1,É%œ<ι,đ—^ , , ,ÉfT[fRfX,đ'âž~, , ,æ, , ,Æ, , ,é,Æ,«,É,ÍAÅ%  
,É,»,ÍfT[fRfX,đ^èžž'âž~, , ,μ,Û, ·BžÝ,ÉAnet send fRf}f"fh,đžg,Å,Å AfT[fRfX,đ'âž~, , ,é,Æ,ç  
, ,fJfBfZ[fW,đfuf[fhfLffXfg,μ,Û, ·Bft[fU[f, , ,ž'CE1,đžg,çí,í,é,Û,Å\• , ,é' O,Å,Å, ©,çAnet stop  
fRf}f"fh,đžg,Å,Å fT[fRfX,đ'âž~, , ,μ,Û, ·B  
^èžž'âž~, , ,3,è,Å,ç,ÉfT[fRfX,đÅ,ÑfAfNfefBfu,É, , ,é,É,ÍAnet continue fRf}f"fh,đžg,ç,Û, ·B

**fNf%oCfAf"fg':**

net pause , , ,æ,Ñ net continue fRf}f"fh,đžg, , ,Æ AfJfBfgf[fN fvfŠf" f^ ,Æf[fNfXfe[fVf#f" ,ÉÚ'±  
, ,3,è,Å,ç,ÉfvfŠf" f^ , ,đØ,è' Ö, , ,é,±,Æ, , ,Å,«,Û, ·B

**fT[fO[' ,ÆfNf%oCfAf"fg':**



^èžž'âž~, , ,Å,«,É,çfT[fRfX,à, , ,è,Û, ·B

**^èžž'âž~, , ,é,ÆAWindows NT ,ÍfT[fRfX,ÉžÝ,Í,æ, , ,É%œ<ι, , ,è,Û, ·B**

- Net Logon fT[fRfX,đ^èžž'âž~, , ,é,Æ AfRf"fsf... [f^ ,ÍfOfIf" —v< ,đ^— , ,Å,«,É, -  
,É,è,Û, ·BfhfJfCf" ,É,Û, ©,ÍfOfIf" fT[fO[f, , ,é,è,Í,Í AfT[fU[f, , ,í^ø,«'±,«fJfBfgf[fN,ÉfOfIf" ,Å,«,Û, ·B
- Server fT[fRfX,đ^èžž'âž~, , ,é,Æ AfT[fU[f, , ,í,»,ÍfT[fO[f, , ,í<α—Lž'CE1,ÉV,1/2,ÉÚ'±,Å,«,É, -  
,É,è,Û, ·BfJfBfgf[fN,É,Û, ©,ÍfOfIf" fT[fO[f, , ,é,ç,è,Í,Í AfJfBfgf[fN,ÉfOfIf" ,Å,«,É, -  
,É,è,Û, ·BŠù'¶,ÍÚ'±,Í%œ<ι,đžó, , ,Û,1,ñBŠÇ—žÖ,ÍA^èžž'âž~, , ,3,è,Å,ç,Å,à AfT[fO[f,ÉÚ'±,Å,«,Û, ·B
- Workstation fT[fRfX,đ^èžž'âž~, , ,é,Æ AfT[fU[f, , ,1/4 AfpfXf[fhA, , ,æ,ÑÚ'±  
, , ,í'è< , ,3,è,1/2,Û,Û,Å, , , AfvfŠf"fg ffOfCfX,É'Í, , ,é—v< , ,Í AfJfBfgf[fN,ÉÚ'±, , ,3,è,Å,ç,ÉfvfŠf" f^ , ,Å,Í,É, -  
 AfRf"fsf... [f^ ,ÉÚ'±, , ,3,è,Å,ç,ÉfvfŠf" f^ ,É'— , ,ç,è,Û, ·B

- ŠÖ~A€-Ú
- Net Continue
- Net Start
- Net Stop
- Net Use

Net Pause ,ÉŠÖ, , ,éÚ'×í•ñ

- Net Pause---á
- Net Pause



### Net Pause---

Server fT[frfX,ð^êžž'âž~,.,é,É,í[AŽŸ,ì,æ,æ,É"ü—í,μ,Ü,·B

### net pause server

Net Logon fT[frfX,ð^êžž'âž~,.,é,É,í[AŽŸ,ì,æ,æ,É"ü—í,μ,Ü,·B

### net pause "net logon"

Net Pause ,ÉŠÖ,.,éÚ××î•ñ



Net Pause--'



Net Pause



**Net Print**

^óüfWf#fu,Æ^óüfLf...[δ•\Ž!,Ü,½,í\$CEä,μ,Ü,·B

**net print** \\fRf"fsf...[f^-¼ \<α-L-¼

**net print** [\\fRf"fsf...[f^-¼] fWf#fu"Ô+ [/hold | /release | /delete]

**fpf%of**[f^

fRf"fsf...[f^-¼

^óüfLf...[δ<α-L,μ,Ä,ç,éfRf"fsf...[f^,ì-¼'O,ðŽw'è,μ,Ü,·B

<α-L-¼

^óüfLf...[ì-¼'O,ðŽw'è,μ,Ü,·BfRf"fsf...[f^-¼,É<α-L-¼,ðŽw'è,·,éèèè,íA%~<L+ (\) ,ðŽg,Á,Ä-¼'O,ð<æ∅,è,Ü,·B

fWf#fu"Ô+

^óüfLf...[Ä^óüfWf#fu,ÉŠ,,è"-,Ä,ç,è,Ä,ç,éŽ·É"Ô+,ðŽw'è,μ,Ü,·B1 ,Ä^Éä,ì^óüfLf...

[,ðŽ,ÄfRf"fsf...[f^,íAŠe^óüfWf#fu,É"ÆŽ©,ì"Ô+,ðŠ,,è"-,Ä,Ü,·B ,éfWf#fu"Ô+,³fRf"fsf...[f^,Ä<α

-L,³,è,Ä,ç,é^óüfLf...[ÄŽg,í,è,Ä,ç,éèèèA,»,"Ô+,íA,».,ìfRf"fsf...[f^,ì,Ü,©,ìfWf#fu,¾,~,Ä,È,-

A,».,ìfRf"fsf...[f^,ì,Ü,©,ì^óüfLf...[ìfWf#fu,É,àŠ,,è"-,Ä,ç,è,é,±,Æ,í, ,è,Ü,¹,ñB

**/hold**

fWf#fu"Ô+,ðŽw'è,μ,ÄŽg,α,ÆA^óüfLf...[Ä'Ò<@'t,ì^óüfWf#fu,ð·Ü- ,É,μ,Ü,·B·Ü-

~,É,³,è,½^óüfWf#fu,ì^óüfLf...[à,ÉŽc,èA·Ü- ,³

%δ∅œ,³,è,é,Ü,ÄA,Ü,©,ìfWf#fu,³æ,É^óü,³,è,Ü,·B

**/release**

^óüfWf#fu,ì·Ü- ,δ%δ∅œ,μ,Ü,·B

**/delete**

^óüfLf...[,©,ç^óüfWf#fu,δí∅œ,μ,Ü,·B

Net Print ,ÉŠÖ,·,éÚ×î·ñ

Net Print--'

Net Print--—á



**Net Print--'**

**net print** fRf}f"fh,íA^óüfLf...[,ÉŠÖ,.,éíî•ñ,đ,ç,,Á,©,ì•ú-@,Á•Ž!,μ,Ü,·B

**net print** \\fRf"fsf...[f^-¼ \<α—L-¼ ,đŽg,α,ÆA'A'è,ìfL[,đ•Ž!,Á,<,Ü,·BŽŸ,ì—á,íA^óüfLf...[,ì\Ž!,Á,·B

\\PRODUCTION ,ìfvfŠf"f^

-¼'O

fWf#fu"Ôt

fTfCfY

fXfe[f^fX

LASER fLf...[  
ERNESTA

1 fWf#fu  
84

0

\*•Ü—\_ó'Ô,ìfvfŠf"f^\*  
fXfv[f<'t

**net print** fWf#fu"Ôt ,đŽg,α,ÆA'P^è,ì^óüfWf#fu,đ•Ž!,Á,<,Ü,·BŽŸ,ì,æ,α,É•Ž!,<sup>3</sup>,ê,Ü,·B

fWf#fu"Ôt 35

fXfe[f^fX Waiting

fTfCfY 3096

'ŽB

fLf...[,É"o~^,μ,½ft[fU[ MARYSL

'É'm MARYSL

fWf#fu ff[f^ f^fCfv

fWf#fu fpf%of[f^

'Ç%oÁî•ñ

Net Print ,ÉŠÖ,.,éíî×î•ñ

Net Print--á

Net Print



**Net Print---**

fRf“fsf...[f^ \PRODUCTION [ã,lfWf#fu”Ô[† 35 ,ÉŠÖ,·,é[í•ñ,ð•\Ž!,·,é,É,Í[AŽŸ,ì,æ,ɣ,É“ü—í,μ,Û,·[B

**net print \\production 35**

fRf“fsf...[f^ \PRODUCTION [ã,lfWf#fu”Ô[† 263 ,ð•Û—,É,·,é,É,Í[AŽŸ,ì,æ,ɣ,É“ü—í,μ,Û,·[B

**net print \\production 263 /hold**

fRf“fsf...[f^ \PRODUCTION [ã,lfWf#fu”Ô[† 263 ,ì•Û—,ð%øð[œ,·,é,É,Í[AŽŸ,ì,æ,ɣ,É“ü—í,μ,Û,·[B

**net print \\production 263 /release**

fRf“fsf...[f^ \PRODUCTION [ã,ì^ó[üfLf...[ DOTMATRIX ,ì“à—e,ð^ê—•\Ž!,·,é,É,Í[AŽŸ,ì,æ,ɣ,É“ü—  
í,μ,Û,·[B

**net print \\production\dotmatrix**

Net Print ,ÉŠÖ,·,é[í[×[í•ñ

Net Print--'

Net Print



### Net Send

f\fbfgf[fNä,ì,ù,©,ìft[fU[AfRf“fsf...[f^A,Ü,½,ÍfbfZ[fW, ,Äæ-¼,ÉfbfZ[fW,ð’—  
M,μ,Û,·BfbfZ[fW,ðŽóM,·,é,É,ÍAMessenger fT[frfX,šJŽn,³,è,Ä,ç,È,·,è,Í,È,è,Û,¹,ňB

**net send** {-¼’O | \* | /domain[:~¼’O] | /users} ffbfZ[fW

**fpf%of[f^**

-¼’O

f\fbfZ[fW,ð’—M,·,éft[fU[-¼AfRf“fsf...[f^-¼A,Ü,½,ÍfbfZ[fW, ,Äæ-¼,ðŽw’è,μ,Û,·B-  
¼’O,šó”•¶Žš,ðŠÛ,bfRf“fsf...[f^-¼,ìêþAfGfCfŠfAfX,í“ňd^ø—p•,, (“) ,Å^í,Ý,Û,·B

\*

fOf<[fv“à,ì,·,x,Ä,ì-¼’O,É’í,μ,ÄfbfZ[fW,ð’—M,μ,Û,·B

**/domain[:~¼’O]**

fRf“fsf...[f^,ìhf[Cf““à,ì,·,x,Ä,ì-¼’O,É’í,μ,ÄfbfZ[fW,ð’—M,μ,Û,·B-¼’O,ðŽw’è,³,è,Ä,ç  
,éêþ,ÍAZw’è,³,è,½hf[Cf“,Ü,½,Íf[fNfOf<[fv“à,ì,·,x,Ä,ì-¼’O,É’í,μ,ÄfbfZ[fW,ð’—M,μ,Û,·B

**/users**

fT[fo[.ÉÚ±,μ,Ä,ç,é,·,x,Ä,ìft[fU[.É’í,μ,ÄfbfZ[fW,ð’—M,μ,Û,·B

f\fbfZ[fW

f\fbfZ[fW,Æ,μ,Ä’—M,·,éfefLfXfg,ðŽw’è,μ,Û,·B

Net Send ,ÉŠÖ,·,éÚ×î•ň

Net Send--’

Net Send---á



### Net Send--'

f[]fbfZ[]fW,ð'—M,Ä,«,é,ì,í[]A[]f[]b[]f[]g[]f[]f[]N[]ä,ÄfAfNfefBfu,È-¼'O,É'í,μ,Ä,¾,¯,Ä,·[]Bft[]fU[][-  
¼,Éf[]fbfZ[]fW,ð'—M,·,é[]é[]#[]A,» ,ìft[]fU[][,»f[]fbfZ[]fW,ðŽóM,·,é,½,ß,É,í[]A[]f[]f[]Of[]f",μ,Ä Messenger  
fT[]f[]rfX,³Š)Žn,³,è,Ä,ç,È,¯,è,ì,È,è,Ü,¹,ñ[]B

### •i",ìft[]fU[][,Éf[]fbfZ[]fW,ð'—M,·,é

Windows NT ,í[]A[]f[]fbfZ[]fW,ðfuf[]f[]fhfLfffXfg,·,é,½,ß,É[]A,ç,,Ä,©,ì•û-@,ð'ñ<ÿ,μ,Ü,·[]BfRf"fsf...[]f^  
fhf[]fCf",ì,·,×,Ä,ì-¼'O,Éfuf[]f[]fhfLfffXfg,·,é,É,í[]A\* ,Ü,½,í /domain ,ðŽg,ç  
,Ü,·[]B•É,ìfhf[]fCf",Éfuf[]f[]fhfLfffXfg,·,é,É,í[]A/domain:-¼'O ,ðŽg,ç,Ü,·[]Bfuf[]f[]fhfLfffXfg  
f[]fbfZ[]fW,í"¼Šp,Å 128 •¶Žš^È"à,Ä,·[]B

/users flfvfVf#f",ðŽg,¼,Æ[]A,» ,ìft[]fo[][,Æ,ìfZfbfVf#f",ðŽg,Ä,Ä,ç,é,·,×,Ä,ìft[]fU[][,Éf[]fbfZ[]fW,ð'—  
M,Ä,«,Ü,·[]B•K—v,É%öz,¶,Ä[]A•i",ìft[]fU[][,É'—M,·,éfpf%of[]f^,ðŽg—p,μ,Ü,·[]B

ŠÖ~A[]€-Ú



Net Name



Net Start Messenger

Net Send ,ÉŠÖ,·,é[]U[]×[]î•ñ



Net Send---á



Net Send





**Net Send---**

f[]bfZ[]fW "Meeting changed to 3 p.m. Same place." ,đft[]fU[][ robertf ,É'—[]M,·,é,É,í[]AŽŸ,ì,æ,ɤ,É"ü  
—í,μ,Ü,·[]B

**net send robertf Meeting changed to 3 p.m. Same place.**

fT[]fo[],É[]Ú'±,μ,Ä,ç,é,·,×,Ä,ìft[]fU[],Éf[]bfZ[]fW,đ'—[]M,·,é,É,í[]AŽŸ,ì,æ,ɤ,É"ü—í,μ,Ü,·[]B

**net send /users This server will shut down in 5 minutes.**

fXf%ofbfVf...,đŠÜ,pf[]bfZ[]fW,đ'—[]M,·,é,É,í[]AŽŸ,ì,æ,ɤ,É"ü—í,μ,Ü,·[]B

**net send robertf "Format your disk with FORMAT /4"**

Net Send ,ÉŠÖ,·,é[]Ú[]×[]î·ñ

Net Send--'

Net Send



### Net Session

fRf"fsf...[f^ ,Æ,» ,é,ÉÚ'±,μ,Ä,ç,éfNf%oCfAf"fg,Æ,İŠÖ,İfZfbfVf#f" ,ð^è—•\  
Ž!,Ü,½,ÍØ'f,μ,Ü,·B

**net session** [\fRf"fsf...[f^-¼] [/delete]

**fpf%of**[f^

,É,μ

fpf%of[f^,ð•t, ,É **net session** ,Æ"ü—Í,·,é,ÆAf[f]f< fRf"fsf...

[f^,ì,·, x,Ä,İfZfbfVf#f" ,ÉŠÖ,·,éî•ñ,ð•Ž!,μ,Ü,·B

\fRf"fsf...[f^-¼

fZfbfVf#f" ,ð^è—•\Ž!,Ü,½,ÍØ'f,·,éfRf"fsf...[f^,ðŽw'è,μ,Ü,·B

**/delete**

fRf"fsf...[f^ ,Æ \fRf"fsf...[f^-¼ ,Æ,İŠÖ,İfZfbfVf#f" ,ð|—¹,μAfRf"fsf...

[f^ä,Ä,» ,İfZfbfVf#f" ,É'í,μ,ÄŠJ, ©,é,Ä,ç,é,·, x,Ä,İftf@fCf<,ð•Ä,¶,Ü,·B\fRf"fsf...[f^-¼ ,ðÈ—

ª,·,é,ÆAf[f]f< fRf"fsf...[f^ä,ì,·, x,Ä,İfZfbfVf#f" ,ªŽæ,èÄ,³,è,Ü,·B

Net Session ,ÉŠÖ,·,éÚ×î•ñ

Net Session--'

Net Session---á



### Net Session--'

net session fRf}f"fh,íAnet sessions ,Ü,½,í net sess ,Æ"ü—í,·,é,±,Æ,à,Ä,«,Ü,·B

net session fRf}f"fh,ðŽg,±,ÆAftf@fCf<,ŠJ,©,é,Ä,ç,é,©,Ç,±,©AŠeft[fU[l,lfZfbfVf#",ª,Ç,ì,·,ç,ç, ìŽžŠÔfAfCfhf<ó'Ô,É,È,Á,Ä,ç,é,©,ÉŠÖEW,È,AfT[fO[l,ÉfAfNfZfX,µ,Ä,ç,éft[fU[l,lfRf"fsf...[f^ - ¼,Æft[fU[l[-¼,ð•Ž!,Ä,«,Ü,·B

•Ž!,íAZÿ,ì,æ,±,É,È,è,Ü,·B

fRf"fsf...[f^ ft[fU[l[-¼ fNf%oCfAf"fg f^fCfv fl[fvf" fAfCfhf<ŽžŠÔ

\\BASSETT	CHRISDR	NT	1	00:00:13
\\SHARONCA	Administrator	DOS LM 2.1	0	01:05:13

, ,éft[fU[l,lfZfbfVf#",ð•Ž!,·,é,É,íAfRf}f"fh,É \\fRf"fsf...[f^ - ¼ ,ðŽw'è,µ,Ü,·B1 [l,lfT[fU[l,ì•\ Ž!,É,íA,»,lfT[fU[l,ªÜ'±,µ,½<±—LŽ'CE¹,í^è—,ªŠÜ,Ü,è,Ü,·B

fNf%oCfAf"fg,Åft[fU[l,ªT[fO[l,É³í,ÉÜ'±,·,é,ÆAfZfbfVf#",ª<L~^,ª,é,Ü,·B2 ,Ä,lfvfXfefe ,ª"~ ,lfZfbfVf#"[fNã,É, ,èAft[fU[l,ªT[fO[l,ÉŽó,~"ü,è,ç,é,éft[fU[l[-¼,ÆfpfXf[fh,ðŽ,Á,Ä,ç ,é,íA³í,ÉfZfbfVf#",ª"µ,µ,Ü,·Bft[fU[l,ªNf%oCfAf"fg,Åft[fO[l,ìŽ'CE¹,ðŽg,±,É,íA, ,ç,©,ª,ßT[fO[l ,Æ,lfZfbfVf#",ðŠm—š,µ,Ä,~ ,©,È,~ ,è,í,È,è,Ü,¹,ñBft[fU[l,ªfNf%oCfAf"fg,ÅŽ'CE¹,ÉÜ'± ,·,é,Ü,Ä,íAfZfbfVf#",íŠm—š,ª,é,Ü,¹,ñBfNf%oCfAf"fg,Æft[fO[l,ìŠÔ,lfZfbfVf#",í 1 ,Ä,¾,~ ,Ä,ªAZ'CE¹,É'í,µ,Ä'½" ,lfGf"fgfŠ flfCf"fg,ªÜ'±,ðŽ,Ä,±,Æ,ª,Ä,«,Ü,·B

fZfbfVf#",ªŽ©"®"l,ÉØ'f,ª,é,é,Ü,Ä,ÉfAfCfhf<ó'Ô,ì,Ü,Ü,Ä,ç,ç,é,éŽžŠÔ,ðY'è,·,é,É,íAnet config server fRf}f"fh,ì /autodisconnect flfvfVf#",ðŽg,Ä,ÄAZ©"®Ø'f<@"\ ,ðY'è,µ,Ü,·Bft[fU[l,ªÄ,ÑŽ'CE¹,ðŽg,±,ÆAWindows NT ,ªZfbfVf#",ðŽ©"®"l,ÉÄÜ'± ,·,é,ì,ÄAZ©"®Ø'f,lfT[fU[l,É'í,µ,Ä"š%ß"l,Ä,·B

fT[fO[l,Æ,lfZfbfVf#",ðl—¹,·,é,É,íA\\fRf"fsf...[f^ - ¼ ,Æ,Æ,à,É /delete flfvfVf#",ðŽg,ç,Ü,·B

Net Session ,ÉŠÖ,·,éÜ'±×í•ñ



Net Session---á



Net Session



### Net Session---

ft [fj]f< fT [fo] [ ,É'Í, .,éfZfbjVfj" [í•ň,ì^ê— ,đ•\Ž! ,. ,é,É,Í [AZÏ,ì,æ,Ꜥ,É"ü—Í,μ,Û,· [B

### net session

fRf"fsf... [f^-¼ SHEPHERD ,đŽ [ ,ÂfNf%ofCfAf"fg,É'Í, .,éfZfbjVfj" [í•ň,đ•\Ž! ,. ,é,É,Í [AZÏ,ì,æ,Ꜥ,É"ü—Í,μ,Û,· [B

### net session \\shepherd

fT [fo] [ ,Æ,» ,ê,É [Ú' ±,μ,Ä,ç ,éfNf%ofCfAf"fg,Æ,ìŠÔ,ì, ., x,Ä,ìfZfbjVfj" ,đ [I—¹, .,é,É,Í [AZÏ,ì,æ,Ꜥ,É"ü—Í,μ,Û,· [B

### net session /delete

Net Session ,ÉŠÖ, .,é [Ú [x [í•ň



Net Session--'



Net Session



### Net Share

<α-LŽ'CE¹,ðîï-□A□í□œ□A,Ü,½,í•\Ž!,μ,Ü,·□B

**net share** <α-L-¼

**net share** <α-L-¼=fhf%ofCfu-¼:fpfX-¼ [/users:□" | /unlimited] [/remark:"fefLfXfg"]

**net share** <α-L-¼ [/users:□" | unlimited] [/remark:"fefLfXfg"]

**net share** {<α-L-¼ | fhf%ofCfu-¼:fpfX-¼} /delete

**fpf%of□□[f^**

,É,μ

fpf%of□□[f^,ð•t,·,·,É **net share** ,Æ"ü-í,·,é,Æ□A□□□[ffj< fRf"fsf...□[f^□ã,Å<α-L,³,ê,Ä,ç  
,é,·,x,Ä,ìŽ'CE¹,ÉŠÖ,·,é□î•ñ,ð•Ž!,μ,Ü,·□B

<α-L-¼

<α-LŽ'CE¹,ìfjfbfgf□□[fN-¼,ðŽw'è,μ,Ü,·□B,»ì<α-L,ÉŠÖ,·,é□î•ñ,¾,·,ð•Ž!,·,é,É,í□A**net share** <α-L-¼  
,Æ"ü-í,μ,Ü,·□B

fhf%ofCfu-¼:fpfX-¼

<α-L,·,éfffBfCEfNfgfŠ,ì□â'ífpfX,ðŽw'è,μ,Ü,·□B

**/users:**□" |

<α-LŽ'CE¹,É"~Žž,ÉfAfNfZfX,Å,«,éft□[fU□[,ì□Å'â,ì□",ð□Ý'è,μ,Ü,·□B

**/unlimited**

<α-LŽ'CE¹,É"~Žž,ÉfAfNfZfX,Å,«,éft□[fU□[,ì□",ð-³□\$CEÀ,É□Ý'è,μ,Ü,·□B

**/remark:**"fefLfXfg"

Ž'CE¹,ÉŠÖ,·,é□à-¾,ìfRf□f"fg,ð'Ç%oÁ,μ,Ü,·□BfefLfXfg,í"ñ□d^ø-p•,,Å^í,Ý,Ü,·□B

**/delete**

Ž'CE¹,ì<α-L,ð'âŽ~,μ,Ü,·□B

Net Share ,ÉŠÖ,·,é□Ú□×□î•ñ



Net Share--'□



Net Share---á



### Net Share--'

net share fRf}f"fh,đŽg,æ,ÆAŽ'CE¹,đ<æ—L,Å,«,Ü,·B

fRfX,É<ó""·ŇŽš,ª"ü,Á,Ä,ç,éfffBfCEfNfgfŠ,đ<æ—L,·,é,É,ÍA,»,İfffBfCEfNfgfŠ,İhf%ofCfu,ÆfRfX,đ"ňd^ø—p·,,  
(") ,Å^Í,Ý,Ü,·B

fRf"fsf...[f^ä,ì,·,x,Ä,ì<æ—LŽ'CE¹,đ·Ž!,·,é,ÆAŽ'CE¹,ì<æ—L-¼A,»,İŽ'CE¹,ÉŠÖ~A·t,·,ç,é,½fffofCfX-  
¼,Ü,½,İfRfX[A,·,æ,Ň,»,İŽ'CE¹,ÉŠÖ,·,éà-¾,İfRf"fg,ªfCEf|f[fg,³,é,Ü,·B

·\Ž!,ÍAŽŸ,ì,æ,æ,É,È,è,Ü,·B

<æ—L-¼ Ž'CE¹ 'Žš

---

ADMIN\$	C:\WINNT	fšf, fgšç—
C\$	C:\	šù'è,ì<æ—L
print\$	C:\WINNT\SYSTEM\SPOOL	
IPC\$		fšf, fg IPC
LASER	LPT1	Spooled Laser printer

fT[fö[fä,Å[—,µ,½<æ—L,ÍA·Ú'Ň,³,é,Ü,·BServer fT[fRfX,đ'âž~,·,é,ÆA,·,x,Ä,ì<æ—  
L,ª[ø'f,³,é,Ü,·,ªAŽŸ%oň,É Server fT[fRfX,đšŽn,·,é,©AfRf"fsf...[f^,đÄ<N"®,·,é,ÆA,»,ì<æ—  
L,İž©"®"I,ÉÄÜ'±,³,é,Ü,·B

Net Share ,ÉŠÖ,·,éÜx×î•ň



Net Share--—á



Net Share



**Net Share---**

fRf"fsf...[f^[]ã,ì<α—LŽ'CE¹,ÉŠÖ,·,é[]î•ñ,ð•\Ž!,·,é,É,í[]AZÿ,ì,æ,α,É"ü—í,μ,Ü,·[]B

**net share**

fRf"fsf...[f^,]ffBfCefNfgfŠ C:\LETTERS ,ð<α—L-¼ SECRETARY ,ðŽg,Á,Ä<α—  
L,μ[]A'[]ŽB,ð"ü,ê,é,É,í[]AZÿ,ì,æ,α,É"ü—í,μ,Ü,·[]B

**net share secretary=c:\letters /remark:"For department 123."**

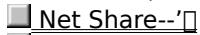
ffBfCefNfgfŠ LETTERS ,ì<α—L,ð'âŽ~,·,é,É,í[]AZÿ,ì,æ,α,É"ü—í,μ,Ü,·[]B

**net share secretary /delete**

fRf"fsf...[f^,]ffBfCefNfgfŠ C:\ART LST ,ð<α—L-¼ LIST ,ðŽg,Á,Ä<α—L,·,é,É,í[]AZÿ,ì,æ,α,É"ü—í,μ,Ü,·[]B

**net share list="c:\art lst"**

Net Share ,ÉŠÖ,·,é[]Ú[]×[]î•ñ





## Net Start

fT[frfX, Š]Žn[A, Ü, ½, Í]Žn, ³, è, Ä, ç, éfT[frfX, î^ê—, ð•\Ž!, μ, Ü, ·]BNet Logon ,â Computer Browser , ì, æ, x, É 2 'PCEé^Éã, ìfT[frfX-¼, í]A“ñd^ø—p•„ (") , Å^í, Ü, È, -, è, Î, È, Ü, ¹, ñ]B

**net start "fT[frfX"**

**fpf%of[f^**

, È, μ

fpf%of[f^, ð•t, -, , , É **net start** ,Æ"ü—í, , , é,Æ[AŠ]Žn, μ, Ä, ç, éfT[frfX, î^ê—, ð•\Ž!, μ, Ü, ·]B

fT[frfX

**alerter]Aclient service for netware]Aclipbook server]Acomputer browser]Adhcp client]Adirectory replicator]Aeventlog]Aftp publishing service]Alpdsvc]Amessenger]Anet logon]Anetwork dde]Anetwork dde dsdm]Anetwork monitor agent]Ant lm security support provider]Aole]Aremote access connection manager]Aremote access insnap service]Aremote access server]Aremote procedure call (rpc) locator]Aremote procedure call (rpc) service]Aschedule]Aserver]Asimple tcp/ip services]Asnmp]Aspooler]Atcp/ip netbios helper]Aups[A, Ü, ½, Í workstation , ðŽw'è, μ, Ü, ·]B ŽŸ, ìfT[frfX, í]AWindows NT Server , Å, ì, Ÿ—~—p%oÅ"\, Å, ·]B**file server for macintosh]Agateway service for netware]Amicrosoft dhcp server]Aprint server for macintosh]Aremoteboot]Awindows internet name service]B****

Net Start , ÉŠÖ, , , éÚxî•ñ

Net Start--'

Net Start---á





### Net Start--'

**net start** fT[fRf}f“fh,đŽg,ÆAWindows NT

,ìfT[fRfX,đŠ]Žn,Ā,«,Û,·B^ê•”,ìfT[fRfX,í,Û,©,ìfT[fRfX,É]’®,μ,Û,·B

,Û,½AfRf“fgf[f< fpfif<,ì [fT[fRfX] ,đŽg,ÆAfT[fRfX,ž©“®“I,É’âŽ~,“,æ,ŃŠ]Žn,·,é,æ,æ

,Éÿ’è,Ā,«,Û,·B,±,ìfRf“fgf[f< fpfif<,ìfifvfVf#”,đŽg,ÆAfifbfgf[fN

fT[fRfX,đŽè“®,Ā’âŽ~AŠ]ŽnA^êŽž’âŽ~AŠ]Žn,·,é,±,Æ,à,Ā,«,Û,·B

Net Logon ,â Computer Browser ,ì,æ,æ,É 2 ‘PCEê^Èä,©,ç,È,éfT[fRfX-¼,íA“ñd^ø—p•., (“

,Ā^í,Û,È,-,é,í,È,è,Û,¹,ñB

,±,ìfRf}f“fh,íAWindows NT ,É,æ,Ā,Ā’ñ<ÿ,³,é,È,çfifbfgf[fN fT[fRfX,àŠ]Žn,Ā,«,Û,·B

Net Start ,ÉŠÖ,·,éÛxî•ñ



Net Start---á



Net Start



### Net Start---á

☒»Ÿ“®ŋ'†,†fTŋ[frfX,đ^ê—•\Ž|,.,é,É,ŋAŽŸ,ì,æ,α,É“ü—Í,μ,Û,·ŋB

net start

Net Start ,ÉŠÖ,.,éŋÚŋxŋŋ•ñ

Net Start--'

Net Start



### Net Start Alerter

Alerter fT[][frfX,đŠ]Žn,μ,Ü,·[]BAlerter fT[][frfX,í[]ACEx[]f[]bfZ[][fW,đ'—[]M,μ,Ü,·[]B

### net start alerter

Net Start Alerter ,ÉŠÖ,·,é[]Ú[]×[]î·ñ

Net Start Alerter--'[]

Net Start Alerter--—á



### Net Start Alerter--'

Alerter fT[fxfX,ðŠ]Žn,;é,Æ[AŽw'è,μ,½ft[fU[,âfT[fO[,ÉÚ'±,μ,Ä,ç  
,éft[fU[,ÉCEx[fbfZ[fW,ð'—M,Å,«,Ü,·BCEx[fbfZ[fW,ÍAfZfLf...fŠfefB,ÆfAfNfZfX,ì-  
â'è,âft[fU[ fZfbfVfjf",ì-â'è,É,Å,ç,ÄCEx[μ,Ü,·B

fT[fO[ f}f[fWff,ðŽg,¤,Æ[AŠÇ—ŽÒCEx[ðŽóM,;éŠÇ—ŽÒ,ðŽw'è,Å,«,Ü,·B

CEx[fbfZ[fW,ÍAWindows NT fbfZ[fW,Æ,μ,ÄfT[fO[,©,çft[fU[,ìfRf"fsf...[f^,É'—  
M,³,è,Ü,·Bft[fU[,ªCEx[fbfZ[fW,ðŽóM,;é,É,ÍA,»,ìft[fU[,ìfRf"fsf...[f^,Ä Messenger  
fT[fxfX,ª"®ì't,Ä,É,¯,è,î,È,è,Ü,¹,ňB

Net Start Alerter ,ÉŠÖ,;éÚ×i•ñ



Net Start Alerter--—á



Net Start Alerter



### **Net Start Alerter---**

Alerter fT[]f[r]fX,đŠJŽn,·,é,É,í[]AZŸ,ì,æ,æ,É“ü—í,μ,Ü,·[]B

### **net start alerter**

Net Start Alerter ,ÉŠÖ,·,é[]Ú[]×[]î·ñ

Net Start Alerter--'

Net Start Alerter



### **Net Start Client Service for NetWare**

Client Service for NetWare fT[fX,đŠ]Žn,μ,Ü,·B,±,lfRf}f“fh,íAWindows NT Workstation ā,Ā Client Service for NetWare ,³fCf“fXfg[f<,³,ê,Ā,ç,éê‡,É,μ,©Žg,!,Ü,¹,ñB

**net start "client service for netware"**



### Net Start ClipBook Server

ClipBook Server fT[fxfX,đŠ]Žn,μ,Ü,·BClipBook Server ,l,æ,x,É 2 'PĀĒ^Èā,©,ç,È,éfT[fxfX-  
¼,íA“ñd^ø—p•,, (") ,Ā^í,Ü,È, ,é,î,È,è,Ü,¹,ñB

### net start "clipbook server"

Net Start ClipBook Server ,ÉŠÖ,·,éÚ×î•ñ





**Net Start ClipBook Server--'**

ClipBook Server ,É,æ,Á,ÄAfjfbfgf[]fN[]ã,Å[]Ø,èŽæ,è,Æ“\,è•t,¯,ì<@“\,ªŽg,!,é,æ,π,É,È,è,Ü,·[]B

Net Start ClipBook Server ,ÉŠÖ,·,é[]Ú[]×[]î•ñ

Net Start ClipBook Server--—á

Net Start ClipBook Server





### **Net Start ClipBook Server---**

ClipBook Server fT[frfX,đŠ]Žn,·,é,É,Í[AŽŸ,ì,æ,ꝛ,É“ü—Í,μ,Ü,·B

### **net start "clipbook server"**

Net Start ClipBook Server ,ÉŠÖ,·,éÚ×î•ň

Net Start ClipBook Server--'

Net Start ClipBook Server



### **Net Start Computer Browser**

Computer Browser fT[fxfX,đš]Žn,μ,Ü,·B

**net start "computer browser"**

Net Start Computer Browser ,ÉšÖ,·,éÚ×î•ň

Net Start Computer Browser--'

Net Start Computer Browser---á



### Net Start Computer Browser--'

Computer Browser fT[fxfX,íAflfbfgf[fNã,ìfRf“fsf...[f^,ìŽQAE,AEAflfbfgf[fNã,ì,Ù,©,ìfRf“fsf...  
[f^,©,ç,ìŽQAE,đfTf[fg,μ,Û,·BComputer Browser,ì,æ,α,É 2 'PCEé^Éã,©,ç,É,éfT[fxfX-¼,íA“ñd^ø  
—p•,, (“) ,Å^í,Û,É,¯,é,î,É,è,Û,¹,ñB,±,ìfT[fxfX,íA**net start browser** fRf}f“fh,Å,àŠjŽn,Å,«,Û,·B

Net Start Computer Browser ,ÉŠÖ,·,éÚ×í•ñ



Net Start Computer Browser--—á



Net Start Computer Browser



### **Net Start Computer Browser---**

Computer Browser fT[fxfX,đš]Žn,·,é,É,Í[AŽŸ,ì,æ,α,É“ü—Í,μ,Ü,·B

### **net start "computer browser"**

Net Start Computer Browser ,ÉšÖ,·,éÚ×î•ň

Net Start Computer Browser--'

Net Start Computer Browser



### Net Start DHCP Client

DHCP Client fT[fxfX,đŠ)Žn,μ,Ü,·B,±,lfRf}f“fh,ÍATCP/IP fvf[fgfRf<,əfCf“fXfg[f<,³,ê,Ä,φ  
,éê‡,É,μ,©Žg,!,Ü,¹,ňB

### net start "dhcp client"

Net Start DHCP Client ,ÉŠÖ,·,éÚ×î•ñ

Net Start DHCP Client--'□

Net Start DHCP Client--—á



**Net Start DHCP Client--'**

DHCP Client fT[fxfX,íADHCP fT[fo[ , ©, ç IP fAfhfCEfX,đŽæ"¾, : é<@"\,đfTf| [fg,μ,Ü, ·B

2 'PCEê^Èã, ©, ç, È, éfT[fxfX-¼, íA"ñd^ø—p•,, (" ) , Å^í, Ü, È, -, é, î, È, è, Ü, ¹, ñB, ±, ìfT[fxfX, íA**net start dhcp** fRf}f"fh, ÅŠJŽn, ³, ¹, é, ±, Æ, à, Å, «, Ü, ·B

DHCP Client fT[fxfX, íA'âŽ~ , Ü, ½, íêŽŽ'âŽ~ , Å, «, Ü, ¹, ñB

Net Start DHCP Client , ÉŠÖ, , éÚ×î•ñ

Net Start DHCP Client--—á

Net Start DHCP Client



### Net Start DHCP Client---

DHCP Client fT[fxfX,đŠ]Žn,·,é,É,Í[AŽŸ,ì,æ,œ,É“ü—Í,μ,Ä,,¾,¾,ϕB

### net start "dhcp client"

Net Start DHCP Client ,ÉŠÖ,·,éÚ×î•ñ

Net Start DHCP Client--'

Net Start DHCP Client



### Net Start Directory Replicator

Directory Replicator fT[fxfX,đŠJŽn,μ,Ü,·BDirectory Replicator

fT[fxfX,íAŽw'è,³,ê,½ftf@fCf<,đŽw'è,³,ê,½fT[fo[ÉfRfs[μ,Ü,·BDirectory Replicator ,ì,æ,κ,É 2  
'PCEê^Éã,©,ç,È,éfT[fxfX-¼,íA"ñd^ø—p•,, ("),Å^í,Ü,È,¯,ê,î,È,è,Ü,¹,ñB,±,ìfT[fxfX,íA**net start replicator** fRf}f"fh,Å,àŠJŽn,Å,«,Ü,·B

**net start "directory replicator"**

Net Start Directory Replicator ,ÉŠÖ,·,éÚ×î•ñ



Net Start Directory Replicator--'



Net Start Directory Replicator--—á





### Net Start Directory Replicator--'

Directory Replicator

fT[fxfX,ðŠ]Žn,·,é,ÆAŽw'è,³,è,½ftf@fCf<,ªŽw'è,³,è,½,·,x,Ä,ìfT[fo[,ÅŠ®'S,É“^è,Å, ,é,±  
,Æ,ª•Û∅,³,è,Û,·BDirectory Replicator fT[fxfX,ðŠ]Žn,·,é'O,ÉADirectory Replicator ,ªÝ'è,³,è,Å,ç  
,È,·,é,Î,È,è,Û,¹,ñB

Directory Replicator ,Û,½,Í Computer Browser ,ì,æ,¼,É 2 'PCEê^Èã,©,ç,È,éfT[fxfX-¼,ÍA“ñd^ø—p•,,  
(") ,Å^Í,Û,È,·,é,Î,È,è,Û,¹,ñB,±,ìfT[fxfX,ÍAnet start replicator fRf}f“fh,Å,àŠ]Žn,Å,«,Û,·B

Net Start Directory Replicator ,ÉŠÖ,·,éÛ×î•ñ



Net Start Directory Replicator--—á



Net Start Directory Replicator



### **Net Start Directory Replicator---**

Directory Replicator fT[fxfX,đŠJŽn,·,é,É,Í,AŽŸ,ì,æ,æ,É"ü—Í,μ,Ü,·B

### **net start "directory replicator"**

Net Start Directory Replicator ,ÉŠÖ,·,éÚ×î•ň

Net Start Directory Replicator--'

Net Start Directory Replicator



### Net Start Eventlog

Eventlog fT[fjfX,đŠ]Žn,μ,Ü,·BEventlog fT[fjfX,ÍAf[fjf< fRf“fsf...

[f^ä,lfCxf“fg,đ<L~^,μ,Ü,·BfCxf“fg frf...[fA,đŽg,Á,Ä<L~^,³,ê,½fCxf“fg,đ•Ž!,³,¹,é,É,ÍA, ,ç,©,¶,ß,±,lfT[fjfX,³Š]Žn,μ,Ä,ç,È, ,ê,î,È,è,Ü,¹,ňB

### net start eventlog

Net Start Eventlog ,ÉŠÖ,·,éÚ×î•ň

Net Start Eventlog--'□

Net Start Eventlog---á



**Net Start Eventlog--'**

Eventlog fT[fX,íAft[fU[,'É'm,,:é•K—v,ì, ,é□d'â,ÈfCxf"fg (fVfXfef€□AfZfLf...  
fŠfefB□A,¨,æ,ÑfAfvfŠfP□[fVf#f") ,ð<L~^,μ,Û,·□B

fCxf"fg frf...□[fA,¨,æ,Ñf□fO•ÛŽç□î•ñ,ì□Y'è,ì□Ú□×,É,Â,ç,Ä,í□AfCxf"fg frf...□[fA,ìf"ff%ofCf"  
fwf<fv,ðŽQ□Æ,μ,Ä,,¾,¾,ç□B

Eventlog fT□[frfX,í□A'âŽ~,Û,½,í^èŽŽ'âŽ~,Â,«,Û,<sup>1</sup>,ñ□B

Net Start Eventlog ,ÉŠÖ,.,é□Ú□×□î•ñ





### **Net Start Eventlog---**

Eventlog fT[fxfX,đŠ]Žn, ,é,É,íAŽŸ,ì,æ,æ,É“ü—í,μ,Ü,·B

### **net start eventlog**

Net Start Eventlog ,ÉŠÖ, ,éÚ×î•ň

Net Start Eventlog--'

Net Start Eventlog



### **Net Start File Server for Macintosh**

File Server for Macintosh fT[fX,Š]Žn,μ,Ü,·BFile Server for Macintosh fT[fX,ÍAMacintosh  
fRf“fsf...[f^,Æ,|tf@fCf<,ì<α—L,ð%oÂ“\,É,μ,Ü,·B,±,ìRf}f“fh,ÍAWindows NT Server ,ðŽÀ[s,·,éRf“fsf...  
[f^,Å,μ,©Žg,ì,Ü,¹,ñB

**net start "file server for macintosh"**



### **Net Start FTP Publishing Service**

FTP publishing fT[]frfX,đŠJŽn,μ,Ü,·[]B,±,}fRf}f“fh,Í[]AInternet Information Server ,əfCf“fXfg[]f<,³,ê,Ä,ç  
,é[]ê[]‡,É,μ,©Žg,!,Ü,¹,ň[]B

**net start "ftp publishing service"**



### **Net Start Gateway Service for NetWare**

Gateway Service for NetWare fT[fX,đŠ]Žn,μ,Ü,·B,±,lfRf}f“fh,íAWindows NT Server ĩ,Ā Gateway Service for NetWare ,³fCf“fXfg[f<,³,ê,Ā,ç,éê‡,É,μ,©Žg,!,Ü,¹,ňB

**net start "gateway service for netware"**





### Net Start Lpdsvc

Lpdsvc fT[fjrfX,đŠ]Žn,μ,Ü,·B,±,ìfRf}f“fh,íATCP/IP fv[fjgfRf<,əfCf“fXfg[f<,³,ê,Ä,č  
,éê‡,É,μ,©Žg,!,Ü,¹,ňB

### net start lpdsvc

Net Start Lpdsvc ,ÉŠÖ,·,éÚ××•ñ



Net Start Lpdsvc--'



Net Start Lpdsvc---á



### Net Start Lpdsvc--'

Lpdsvc fT[fjrfX,íAUNIX fNf%ofCfAf"fg,É'í,·,é TCP/IP ^óü,ìfT[fó[f'x,Á,ìfT[fjrfX,Á,·Bflfbfgf[fNä,ì UNIX fNf%ofCfAf"fg,áAWindows NT fRf"fsf...[f^,ÉÚ'±,μ,Ä,ç,évfŠf"f^,É^óü,μ,½,çê#AUNIX fNf %ofCfAf"fg,©,ç,ì—v<□,đŽó—□,Á,«,é,æ,x,ÉA,±,ìfT[fjrfX,íAWindows NT fRf"fsf...

[f^□ã,Á<N"® ,μ,Ä," ,©,È,¯,ê,Í,È,è,Ü,¹,ñBLpdsvc

fT[fjrfX,íAfefLjXfg,ì,Ý,ìŽ® ,đŠÜ,ßA,·,x,Ä,ì^óü□'Ž® ,đfTf|□[fg,μ,Ü,·□B,±,ìfT[fjrfX,íA,ç

,©,È,é•â'«"l,È□^—□,àŽÀ□s,μ,Ü,¹,ñ□B

Lpdsvc fT[fjrfX,íAWindows NT fRf"fsf...[f^ (,·,æ,Ñ,±,ìfRf"fsf...[f^,ÉfAfNfZfX,Á,«,é,·,x,Ä,ìfNf %ofCfAf"fg) ,áAUNIX fVfXfef€,ÉÚ'±,·,évfŠf"f^,É^óü,Á,«,é,æ,x,ÉAZ©"®"l,É<N"® ,·,é LPRMON fT[fjrfX,©,ç"Æ—š,μ,Ä,ç,Ü,·□B

Net Start Lpdsvc ,ÉŠÖ,·,é□Ú□×□î•ñ



### Net Start Lpdsvc---á



### Net Start Lpdsvc



### Net Start Lpdsvc---

Lpdsvc fT[fX,Š]Žn,·,é,É,í[AŽÿ,ì,æ,æ,É“ü—í,μ,Ü,·B

### net start lpdsvc

,Ü,½,í[AfRf“fgf[f< fpf<,ìT[fX,Š\_fuf<fNfŠfbfN,μ,Ü,·BŽÿ,É[A[fT[fX] ^ê—,©,ç[A[TCP/IP Print Server],Š‘ì,Ñ[A[Š]Žn] f{f^f“,ŠfNfŠfbfN,μ,Ü,·B

UNIX fRf“fsf...[f^,Á,í[AWindows NT fvfŠf“f^,ÉfŠf,[]fg fvfŠf“f^,Šì[]-,μ,Á,©,čŽg—p,μ,Ü,·BWindows NT fŠf,[]fg fvfŠf“f^,ì[]-,í[AUNIX fŠf,[]fg fvfŠf“f^ (BSD fVfXfef€[]š,ÉfvfŠf“fgfLffffbfv fGf“fgfŠ,Šì[]-,·,é,É,Ç),Šì[]-,μ,Á,©,ç[s,æ,ÆŠÈ‘P,Á,·B

LPR ,Š UNC-¼ (,½,Æ,ì,í \\ntprintserver\hplaser) ,Áf|fbfgf[][fN<æ—L,μ,Á,ç,é Windows NT ,Á^óü,·,é,É,í[AfKf< fVfFfA,Æ,μ,ÄŽw’è,³,é,½fVfFfA,ª•K—v,Á,·B,Ç,ì,æ,æ,ÉfVfFfA,à[AfÆfWfXfgfŠ,ì’t,ìfL[] HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\LanmanServer\Parameters ,ì NullSessionShares fŠfXfg,É‘Ç%oÁ,·,é,±,Æ,Á[AfKf< fVfFfA,Æ,μ,ÄŽw’è,Á,«,Ü,·B,±,ì·ì[X,Š— LÆø,É,·,é,É,í[AfRf“fsf...[f^,ŠÄ<N“@,·,é•K—v,ª, ,è,Ü,·B

Æ»Ý[]ALPR ,í OS/2 LAN Manager fT[]fo[][š,Á<æ—L,³,é,Á,ç,é|fbfgf[][fN,Áo—í,Á,«,Ü,¹,ň[]B

Net Start Lpdsvc ,ÉŠÖ,·,é[]Ú[]x[]î•ň



Net Start Lpdsvc--’[]



Net Start Lpdsvc



## Net Start Messenger

Messenger fT [frfX, đŠ]Žn, μ, Ü, · B Messenger fT [frfX, í AfRf“ fsf... [f^, ³f fbZ [fW, đŽó M, Å, «, é, æ, ¼, É, μ, Ü, · B

## net start messenger

ŠÖ~A [€-Ú

Net Send

Net Name

Net Start Messenger ,ÉŠÖ, ., é Ú × × ↑ • ñ

Net Start Messenger--' [

Net Start Messenger--—á



**Net Start Messenger--'**

Messenger fT [frfX, đŠ]Žn, : ,é,Æ AfRf“fsf... [f^, af bfbfZ [fW, đŽó M, Ā, «, é, æ, x  
, É, È, è, Û, · Bf bfbfZ [fW, í AfRf“fsf... [f^, ÉŽ · ÊŽq, Æ, µ, ĀŠ,,, è“ - , Ā, ç, ê, ½-¼‘ O, đŽg, Ā, Ā AfRf“fsf...  
[f^, É‘ — M, ³, ê, Û, · B

ŠÖ~A €-Ú

Net Send

Net Name

Net Start Messenger ,ÉŠÖ, ·, é Ú × ě · ñ

Net Start Messenger--—á

Net Start Messenger



### **Net Start Messenger---**

Messenger fT [frfX,đš]Žn, : ,é,É,í AŽŸ,ì,æ,ɤ,É“ü—í,μ,Ü,·B

### **net start messenger**

Net Start Messenger ,ÉŠÖ,·,é Ú×î•ň

Net Start Messenger--'

Net Start Messenger



### Net Start Microsoft DHCP Server

Microsoft DHCP Server fT[fX,ŠŽn,μ,Ü,·B,±,}fRf}f“fh,íAWindows NT Server ,šŽÀs,·,éRf“fsf...  
[f^ä,Å TCP/IP fvfgfRf<,“æ,Ń DHCP fT[fo[,²fCf“fXfg[f<,³,ê,Ä,ç,éê‡,É,μ,©Žg,!,Ü,¹,ňB

### net start "microsoft dhcp server"

Net Start Microsoft DHCP Server ,ÉŠÖ,·,éÚ×î•ň

Net Start Microsoft DHCP Server--'□

Net Start Microsoft DHCP Server--—á



### Net Start Microsoft DHCP Server--'

Microsoft DHCP Server fT[fxfX,íAflfbfgf[fN fNf%ofCfAf"fg,É IP fAfhfCefX,ð<ÿ<<,μ,Ü,·B

2 'PCEê^Èä,©,ç,È,éT[fxfX-¼,íA"ñd^ø—p•,, ("),Å^í,Ü,È,̄,ê,Î,È,è,Ü,¹,ñB,±,lfT[fxfX,íA**net start dhcpserver**,ÁŠŽn,·,é,±,Æ,à,Á,«,Ü,·B

Net Start Microsoft DHCP Server ,ÉŠÖ,·,éÚ×î•ñ

Net Start Microsoft DHCP Server--—á

Net Start Microsoft DHCP Server





### **Net Start Microsoft DHCP Server---**

Microsoft DHCP Server fT[fxfX,đšJžn,·,é,É,íAŽŸ,ì,æ,æ,É“ü—í,μ,Ü,·B

### **net start "microsoft dhcp server"**

Net Start Microsoft DHCP Server ,ÉŠÖ,·,éÚ×î•ň

Net Start Microsoft DHCP Server--'

Net Start Microsoft DHCP Server



### Net Start Net Logon

Net Logon fT[fX,Š]Žn,μ,Ü,·BNet Logon fT[fX,íA fOf—  
 v<,"F∅,ÆfhfCf““S'í,Å,íft[fU[ fAfjEf“fg ff[f^fx[fX,ì·i»»,ì\$CEä,ðs,φ,Ü,·BNet Logon ,ì,æ,α,É 2  
 'PCEê^Éä,©,ç,È,éT[fX-¼,íA“ñd^ø—p•,, ("),Å^í,Ü,È,¯,ê,î,È,è,Ü,<sup>1</sup>,ñB,±,íT[fX,íA**net start**  
**netlogon** fRf}f“fh,Å,àŠJŽn,Å,«,Ü,·B

### net start "net logon"

Net Start Net Logon ,ÉŠÖ,·,éÚ×í•ñ



Net Start Netlogon--'



Net Start Netlogon--—á



### Net Start Net Logon--'

Net Logon fT[fxfX,íAfhfCf",íft[fU[f AfjEfg  
 ff[f^fx[fX,íRfs[,đŽg,xfhfCf""à,ì,·,x,Ä,íT[fO[,ÄŠJŽn,μ,Û,·B  
 fRf}f"fh fvf"fvfg,©,çT[fxfX,đŠJŽn,·,éêê#ANet Logon ,ì,æ,α,É 2 'PCEê^Èä,©,ç,È,éfT[fxfX-  
 ¼,íA"ñd^ø—p•,, ("),Ä^í,Û,È,·,ê,î,È,è,Û,¹,ñB,±,íT[fxfX,íA**net start netlogon**  
 fRf}f"fh,Ä,àŠJŽn,Ä,«,Û,·B

### Windows NT ,Æ LAN Manager 2.x ,ª-Ÿ,·,éfhfCf",ívf%ofCf}fŠ fhfCf" fRf"fgf[f%o

Windows NT Server fhfCf",đŽg,αéê#Afvf%ofCf}fŠ fhfCf" fRf"fgf[f%o,í Windows NT Server  
 fRf"fsf...[f^,Ä,È,·,ê,î,È,è,Û,¹,ñB,»,ífhfCf",ífofbfNfAfbfv fhfCf" fRf"fgf[f%o,Æ,μ,Ä,íAWindows  
 NT Server fRf"fsf...[f^,Û,½,í LAN Manager 2.x fRf"fsf...[f^,đŽg,α,±,Æ,ª,Ä,«,Û,·B  
 ,·,x,Ä,ì Windows NT fRf"fsf...[f^,íAWindows NT Server ,ívf%ofCf}fŠ fhfCf" fRf"fgf[f%o  
 ,ÉfOf" ,μ,È,·,ê,î,È,è,Û,¹,ñBLAN Manager 2.x fRf"fsf...[f^,íALAN Manager 2.x ,Û,½,í Windows NT  
 Server ,ívf%ofCf}fŠ fhfCf" fRf"fgf[f%o,ÉfOf" ,Ä,«,Û,·B

Net Start Net Logon ,ÉŠÖ,·,éÚxî•ñ



Net Start Netlogon--—á



Net Start Netlogon



### **Net Start Net Logon---**

Net Logon fT[fxfX,đŠ)Žn,·,é,É,Í[AŽŸ,ì,æ,π,É“ü—í,μ,Ü,·B

### **net start "net logon"**

Net Start Net Logon ,ÉŠÖ,·,éÚ×î•ň

Net Start Netlogon--'

Net Start Netlogon



### **Net Start Network DDE**

Network DDE fT[fxfX,đŠ]Žn,μ,Ü,·B

**net start "network dde"**



### **Net Start Network DDE DSDM**

Network DDE fT[]fo[] fT[]frfX,đŠ)Žn,μ,Ü,·B

**net start "network dde dsdm"**

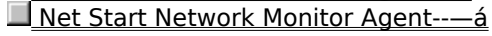
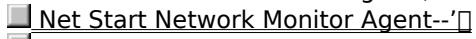


### Net Start Network Monitor Agent

Network Monitor Agent fT[fX,đŠ]Žn,μ,Ü,·B,±,lfRf}f“fh,íANetwork Monitor Agent  
,³fCf“fXfg[f<,³,ê,Ä,ç,éé#É,μ,©Žg,!,Ü,¹,ňB

### net start "network monitor agent"

Net Start Network Monitor Agent ,ÉŠÖ,·,éÚxî•ñ





**Net Start Network Monitor Agent--'**

Network Monitor Agent fT[fX,íAfNf%ofCfAf“fg,lfbfjgf[fN'ÉM,lfŠf,fg,©,ç,ìŠĂŽ<,đTfj  
fg,μ,Û,·B

2 'PCEê^Èã,©,ç,È,éT[fX-¼,íA“ñd^ø—p•,, (" ) ,Å^í,Û,È, -,ê,î,È,è,Û,¹,ñB

Net Start Network Monitor Agent ,ÉŠÖ,·,éÚx×î•ñ

Net Start Network Monitor Agent---á

Net Start Network Monitor Agent





**Net Start Network Monitor Agent---**

Network Monitor Agent [frfX,đŠ]Žn,·,é,É,Í[AŽŸ,ì,æ,Ꞥ,É“ü—Í,μ,Ü,·B

**net start "network monitor agent"**

Net Start Network Monitor Agent ,ÉŠÖ,·,éÚ×î•ñ

Net Start Network Monitor Agent--'

Net Start Network Monitor Agent



### **Net Start NT LM Security Support Provider**

NT LM Security Support Provider fT[fX,Š]Žn,μ,Ü,·B,±,}fRf}f“fh,íANT LM Security Support Provider ,fCf“fXfg[f<,³,ê,Ä,φ,éê‡,É,μ,©Žg,!,Ü,<sup>1</sup>,ňB

**net start "nt lm security support provider"**



## Net Start Ole

fIfufWfFfNfjg,İfŠf“fN,Æ-,,„ßž,ÝfT[]fxfX,đŠJŽn,μ,Ü,·[]B

**net start ole**



### **Net Start Print Server for Macintosh**

Print Server for Macintosh fT[fX,Š]Žn,μ,Ü,·BPrint Server for Macintosh fT[fX,Í]AMacintosh  
fRf“fsf...[f^,©,ç,ì^óü,ð%oÁ“\,É,μ,Ü,·B,±,ìfRf}f“fh,ÍAWindows NT Server ,ðŽÀs,·,éRf“fsf...  
[f^,Å,μ,©Žg,ì,Ü,¹,ñB

**net start "print server for macintosh"**



### Net Start Remoteboot

Remoteboot fT[fxfX,đŠ]Žn,μ,Û,·BRemoteboot fT[fxfX,íAflfbfgf[fN[ä,ì,Û,©,ìfRf“fsf...  
[f^,©,ç[AfRf“fsf...[f^,ìfjyfCE[fefBf“fO fVfXfef€,ì“Ç,Ý[ž,Ý,đ%oÂ“\,É,μ,Û,·B,±,ìfRf}f“fh,í Windows  
NT Server ,đŽÀ[s,·,éfRf“fsf...[f^,Å,μ,©Žg,ì,Û,¹,ňB

**net start remoteboot**



### **Net Start Remote Access Connection Manager**

Remote Access Connection Manager fT[fX,Š]Žn,μ,Ü,·B,±,lfRf}f“fh,íAfŠf,fg fAfNfZfX  
fT[fX,šCf“fXfg[f<,³,ê,Ä,φ,éê†,É,μ,©Žg,ı,Ü,¹,ñB

**net start "remote access connection manager"**



### **Net Start Remote Access ISNSAP Service**

Remote Access ISNSAP Service fT[fX,Š]Žn,μ,Ü,·B,±,lfRf}f“fh,íAfŠf,[]fg fAfNfZfX  
fT[fX,šCf“fXfg[]f<,³,ê,Ä,φ,éê±,É,μ,©Žg,!,Ü,¹,ňB

**net start "remote access isnsap service"**



### **Net Start Remote Access Server**

Remote Access Server fT[fxfX,đŠ)Žn,μ,Ü,·B,±,lfRf}f“fh,íAfŠf,[]fg fAfNfZfX  
fT[fxfX,šfCf“fXfg[f<,³,ê,Ä,φ,éê†,É,μ,©Žg,!,Ü,¹,ňB

**net start "remote access server"**





### **Net Start Remote Procedure Call (RPC) Locator**

RPC Locator fT[fxfX,đŠ)Žn,μ,Ü,·BLocator fT[fxfX,íAWindows NT ,ì RPC fI[f€ fT[fxfX,Â,·B

### **net start "remote procedure call (RPC) locator"**

Net Start Remote Procedure Call (RPC) Locator ,ÉŠÖ,·,éÚ×î•ň

Net Start Remote Procedure Call (RPC) Locator--'

Net Start Remote Procedure Call (RPC) Locator---á



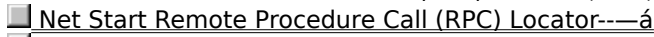
### Net Start Remote Procedure Call (RPC) Locator--'

RPC Locator fT[fxfX,đŠ]Žn,;é,ÆA•žUfAfvfŠfP[fVf#f“,a Microsoft RPC fI[f€ fT[fxfX,đŽg,!,é,æ,æ,  
,É,È,è,Û,·BRPC Locator ,ÍARPC fI[f€ fT[fxfX ff[f^fx[fX,đŠÇ—,μ,Û,·B

•žUfAfvfŠfP[fVf#f“,lT[fO[f‘æ,ÍA,» ,êŽ©g,a RPC Locator fT[fxfX,Å—~—p,Å,« ,é,±  
,Æ,đ“o~^ ,μ,Û,·B•žUfAfvfŠfP[fVf#f“,lNf%ofCfAf“fg‘æ,ÍALocator fT[fxfX,É-â,ç,í,¹,ÄA—~—p%oÅ“\  
,ÈCEÝŠ·fT[fO[f fAfvfŠfP[fVf#f“,đCEÝö,μ,Û,·B

2 'PCEê^Èä,©,ç,È,éT[fxfX-¼,ÍA“ñd^ø—p•,, (" ) ,Å^Í,Û,È,- ,ê,Í,È,è,Û,¹,ñB,±,lT[fxfX,ÍAnet start  
**rpclocator** fRf}f“fh,ÅŠ]Žn,;é,±,Æ,à,Å,«,Û,·B

Net Start Remote Procedure Call (RPC) Locator ,ÉŠÖ,·,éÚ×î•ñ





### **Net Start Remote Procedure Call (RPC) Locator---**

RPC Locator fT[firfX,đŠ]Žn,·,é,É,í[AŽŸ,i,æ,α,É“ü—í,μ,Ä,,¾,¾,φB

### **net start "remote procedure call (rpc) locator"**

Net Start Remote Procedure Call (RPC) Locator ,ÉŠÖ,·,éÚ×î•ň

Net Start Remote Procedure Call (RPC) Locator--'

Net Start Remote Procedure Call (RPC) Locator



### Net Start Remote Procedure Call (RPC) Service

Remote Procedure Call (RPC) Service fT[fxfX,đŠ]Žn,μ,Ü,·BRemote Procedure Call (RPC) Service  
fT[fxfX,íAWindows NT,ì RPC fTfufVfXfef€,Ä,·BRPC fTfufVfXfef€,É,íAfGf“fhfjCf“fg  
f}fbfp[.Æ,»,ì,Ü,©,ì RPC fT[fxfX,ªŠÜ,Ü,ê,Ä,ç,Ü,·B

### net start "remote procedure call (rpc) service"

Net Start Remote Procedure Call (RPC) Service ,ÉŠÖ,·éÚ×î•ň

Net Start Remote Procedure Call (RPC) Service--'□

Net Start Remote Procedure Call (RPC) Service---á



### Net Start Remote Procedure Call (RPC) Service--'

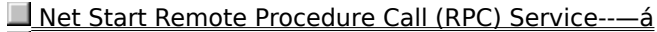
Remote Procedure Call (RPC) Service fT[fX,Š]Žn,·,é,ÆA•ŽUfAfvfŠfP[fVf#f",@®"l,ÈfGf"fhf|fCf"fg,ŠŽg,|,é,æ,æ,É,È,è,Û,·BRemote Procedure Call (RPC) Service fT[fX,ÍAfGf"fhf|fCf"fg f}fbfvff[f^fx[fX,ŠŠÇ—,μ,Û,·B

•ŽUfAfvfŠfP[fVf#f",lft[fO[‘æ,Á,ÍARemote Procedure Call (RPC) Service fT[fX,Á,»},lGf"fhf|fCf"fg,Š"o~^,μ,Û,·BfNf%ofCfAf"fg,ìŽÀ[sŽžf%ofCfuf%ofŠ,ÍA•ŽUfAfvfŠfP[fVf#f",lNf%ofCfAf"fgæ,É,ä,í,Á,Ä Remote Procedure Call (RPC) Service fT[fX,É-â,ç,í,¹,ÄAfGf"fhf|fCf"fgî•ñ,ŠŽæ"¾,μ,Û,·B

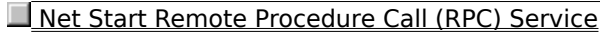
•ŽUfAfvfŠfP[fVf#f",æGf"fhf|fCf"fg f}fbfp[ fT[fX,ŠŽg,æ,©,Ç,æ,©,Š"»•É,·,é,É,íA,»},l•ŽUfAfvfŠfP[fVf#f",l}fj..fAf<,ŠŽQÆ,μ,Ä,,¾,¾,çB

2 'PCEê^Èã,©,ç,È,éfT[fX-¼,íA"ñd^ø—p•,, ("),Á^í,Û,È,-,é,í,È,è,Û,¹,ñB,±,lft[fX,í,Û,½Anet start rpcss fRf}f"fh,ŠŠ]Žn,·,é,±,Æ,à,Ä,«,Û,·B

Net Start Remote Procedure Call (RPC) Service ,ÉŠÖ,·,éÛ×î•ñ



Net Start Remote Procedure Call (RPC) Service---á



Net Start Remote Procedure Call (RPC) Service



### **Net Start Remote Procedure Call (RPC) Service---**

Remote Procedure Call (RPC) Service fT[fxfX,đŠ]Žn,·,é,É,í[AŽŸ,ì,æ,α,É“ü—í,μ,Ü,·B

net start "remote procedure call (rpc) service"

Net Start Remote Procedure Call (RPC) Service ,ÉŠÖ,·,éÚ×î•ň

Net Start Remote Procedure Call (RPC) Service--'

Net Start Remote Procedure Call (RPC) Service



### Net Start Schedule

Schedule fT[fxfX,đŠJŽn,μ,Ü,·BSchedule fT[fxfX,íAat fRf}f“fh,ÅŽw’è,μ,½Žž,ÉfRf“fsf...  
[f^,³fvfOf%of€,đ<N“®,Å,«,é,æ,α,É,μ,Ü,·B

### net start schedule

Net Start Schedule ,ÉŠÖ,·,éÚ×î•ñ

Net Start Schedule--'□

Net Start Schedule---á



### Net Start Schedule--'□

at fRf}}f“fh,đŽg,α,É,í□ASchedule fT□[frfX,šŽn,³,ê,Ä,ç,È,˘,ê,î,È,è,Û,¹,ň□BfXfPfWf...  
 □[f<,³,ê,½fRf}}f“fh,²□³□í,ÉŽÀ□s,³,ê,é,É,í□A,Û,©,ìfT□[frfX,à“@□ì†,Ä,È,˘,ê,î,È,ç,È,ç,±,Æ,², ,è,Û,·□B  
 Schedule fT□[frfX,í□A,à,Æ,à,Æf□□[ffj< fRf“fsf...□[f^,ìfVfXfef€ fAfjJfEf“fg,Ä“@□ì,·,é,æ,α,É□Ý'è,³,ê,Ä,ç  
 ,Û,·□B,±,ìfAfjJfEf“fg,đŽg,Ä,Ä Schedule fT□[frfX,²“@□ì,·,é□é□#□ASchedule  
 fT□[frfX,ÄŽÀ□s,Ä,«,éfWf#fu,ÉŠÖ,μ,Ä□\$CEÄ,í, ,è,Û,¹,ň□B,½,¾,μ□Af□□[ffj< fRf“fsf...□[f^,ìfVfXfef€  
 fAfjJfEf“fg,í,Û,©,ìfRf“fsf...□[f^,É,æ,Ä,Ä“FŽ˘,³,ê,È,ç,ì,Ä□A,±,è,ç,ìfWf#fu,ìfìfbfgf□□[fN  
 fAfNfZfX,í□\$CEÄ,³,ê,Û,·□B  
 fìfbfgf□□[fN fAfNfZfX,ÉŠÖ,·,é□\$CEÄ,ð,È,,·,½,β,É□ASchedule fT□[frfX,²ft□[fU□[,ìfAfjJfEf“fg,Ä“@□ì,·,é,æ,α  
 ,É□Ý'è,Ä,«,Û,·□B,±,ì□é□#□ASchedule fT□[frfX,ÄŽÀ□s,³,ê,éfWf#fu,í□Aft□[fU□[ fAfjJfEf“fg,ìfìfbfgf□□[fN  
 fAfNfZfX,É,æ,Ä,Ä□\$CEä,³,ê,Û,·□B,½,¾,μ□A,±,ì□é□#□ASchedule fT□[frfX,ìf□□[ffj< fVfXfef€  
 fAfjJfEf“fg,đŽg,Ä,Ä,ç,È,ç,ì,Ä□A□³□í,ÉŽÀ□s,Ä,«,é,ì,ìfEfBf“fhfE•Žì,ð•K—v,Æ,μ,È,çfWf#fu,¾,˘,Ä,·□B  
 Schedule fT□[frfX,²ft□[fU□[,ìfAfjJfEf“fg,Ä“@□ì,·,é,æ,α  
 ,É□Ý'è,·,é,É,í□Aft□[fU□[ f}}fì□[fWff,đŽg,Ä,Ä□Aft□[fU□[ fAfjJfEf“fg,Éf□□[ffj< fRf“fsf...□[f^,ì  
 [fT□[frfX,Æ,μ,Äf□fOfìf“] CE —˘,ð—^,ì,Ä,©,ç□AfRf“fgf□□[f< fpfìf<,ì [fT□[frfX] ,Ä□A,±  
 ,ìft□[fU□[ fAfjJfEf“fg,đŽg,Ä,ÄšŽn,·,é,æ,α,É Schedule fT□[frfX,ð□Ý'è,μ,Û,·□B

ŠÖ~A□€-Ú



At

Net Start Schedule ,ÉŠÖ,·,é□Ú□×□î•ň



Net Start Schedule---á



Net Start Schedule





### **Net Start Schedule---**

Schedule fT[fxfX,đŠJŽn,·,é,É,íAŽŸ,ì,æ,α,É“ü—í,μ,Ü,·B

### **net start schedule**

Net Start Schedule ,ÉŠÖ,·,éÚ×î•ň

Net Start Schedule--'

Net Start Schedule



### Net Start Server

Server fT[fxfX,đŠ)Žn,μ,Ü,·BServer fT[fxfX,íAfRf“fsf...[f^,əfjfbfgf[fNā,ĀŽ'CE<sup>1</sup>,đ<α—L,Ā,«,é,æ,α  
,É,μ,Ü,·B

### net start server

Net Start Server ,ÉŠÖ,·,éÚ×î•ñ

Net Start Server--'

Net Start Server---á



**Net Start Server--'**

Server fT[fX,đŠ)Žn,·,é,ÆAfT[fo[.iŽ'CE¹,đfifbfgf[fNã,ift[fU[.Æ<κ—L,Â,«,Ü,·B

Net Start Server ,ÉŠÖ,·,éÚ×î•ň

Net Start Server--—á

Net Start Server



## Net Start Server--—á

Server fT[fxfX,đŠJŽn,·,é,É,íAŽŸ,ì,æ,æ,É“ü—í,μ,Ü,·B

## net start server

Net Start Server ,ÉŠÖ,·,éÚ×î•ň

Net Start Server--'

Net Start Server



### Net Start Simple TCP/IP Services

Simple TCP/IP Services fT[fX,ŠŽn,μ,Ü,·B,±,fRf}f“fh,íATCP/IP ,“,æ,Ñ Simple TCP/IP Services ,³fCf“fXfg[f<,³,ê,Ä,ç,éê±,É,μ,©Žg,!,Ü,¹,ñB

### net start "simple tcp/ip services"

Net Start Simple TCP/IP Services ,ÉŠÖ,·,éÚ×î•ñ

Net Start Simple TCP/IP Services--'□

Net Start Simple TCP/IP Services--—á



### Net Start Simple TCP/IP Services--'

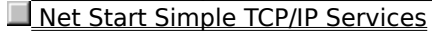
Simple TCP/IP Services fT[fX,íATCP/IP fT[fX Character

GeneratorADaytimeADiscardAEchoA, "æ,Ñ Quote of the Day ,øTf]

[fg,μ,Ü,·BŠ]Žn,·,é,ÆAfRf“fsf...[f^,íA,±,ê,ç,ìfvf[]fgfRf<,øTf|[fg,·,é,Ü,©,ìfRf“fsf...[f^,©,ç,ì—v<[É  
%ož“š,·,é,±,Æ,ª,Å,«,Ü,·B

2 'PCEê^È[ã,©,ç,È,éfT[fX-¼,íA“ñ[]d^ø—p•,, ("),Å^í,Ü,È,¯,ê,î,È,è,Ü,¹,ñB

Net Start Simple TCP/IP Services ,ÉŠÖ,·,é[Ú[×[î•ñ





### Net Start Simple TCP/IP Services---

Simple TCP/IP Services fT[fxfX,đš]Žn,·,é,É,Í[AŽŸ,ì,æ,æ,É“ü—Í,μ,Ü,·B

### net start "simple tcp/ip services"

Net Start Simple TCP/IP Services ,ÉšÖ,·,éÚ×î•ñ

Net Start Simple TCP/IP Services--'

Net Start Simple TCP/IP Services



### Net Start SNMP

SNMP fT[fxfX,đŠ]Žn,μ,Ü,·BSNMP fT[fxfX,íAfT[fó[ ,»»Ý,ìó'Ô,đ TCP/IP flfbfgf[fN[ä,ì SNMP ŠÇ  
—fVfXfef€,É'í,μ,ĀfĀf[fq,Ā,«,é,æ,α,É,μ,Ü,·B,±,íRf}f“fh,íATCP/IP , ,æ,Ń SNMP  
,áfCf“fXfg[f<,³,ê,Ā,č,éê[‡,É,μ,©Žg,!,Ü,¹,ňB

### net start snmp

Net Start SNMP ,ÉŠÖ,·,éÚ×[·ñ



Net Start SNMP---á





### **Net Start SNMP---**

SNMP fT [frfX,đŠJŽn,·,é,É,íAŽŸ,ì,æ,Ꝥ,É“ü—í,μ,Û,·B

### **net start snmp**

Net Start SNMP ,ÉŠÖ,·,éÚ×î•ñ





## **Net Start Spooler**

Spooler fT[][frfX,đŠ)Žn,μ,Ü,·[]B

**net start spooler**



### **Net Start TCP/IP NetBIOS Helper**

TCP/IP NetBIOS Helper is a Windows service that enables communication between a computer and other computers on a network. It is used to help the computer find other computers on the network and to help it share files and printers. The service is installed by default on most Windows operating systems.

**net start "tcp/ip netbios helper"**



### **Net Start UPS**

UPS fT[fxfX,đš]Žn,μ,Ü,·B

### **net start ups**

Net Start UPS ,ÉŠÖ,·,éÚ×î•ň

Net Start UPS--'

Net Start UPS---á



**Net Start UPS--'**

UPS fT[fxfX,đŸ'è,·,é,É,íAfRf"fgf[f< fpflf<,ì [UPS] ,đŽg,č,Ü,·B

UPS fT[fxfX,íAfRf"fgf[f< fpflf<,ì [UPS] ,đŽg,Á,ÄŸ'è,Å,«,Ü,·BUPS

fT[fxfX,ªfVfffbfgf\_fEf"Žž,ÉfRf}f"fh,đŽÀs,·,é,æ,κ,ÉŸ'è,³,è,Ä,ç,éé#A,»,ìfRf}f"fh,í 30 •b^È"à,ÉŠ®—  
¹,μ,È,·,ê,î,È,è,Ü,¹,ňBŠ®—¹,μ,È,çé#í,íAfRf"fsf...[f^,đ^À'S,ÉfVfffbfgf\_fEf",Å,«,È,çŠèE`«,ª, ,è,Ü,·B

Net Start UPS ,ÉŠÖ,·,éÚ×î•ň



Net Start UPS



Net Start UPS---á



### **Net Start UPS---**

UPS fT[fxfX,đŠ)Žn,·,é,É,íAŽŸ,ì,æ,ꝛ,É“ü—í,μ,Ü,·B

### **net start ups**

Net Start UPS ,ÉŠÖ,·,éÚ×î•ň

Net Start UPS--'

Net Start UPS



### Net Start Windows Internet Name Service

Windows Internet Name Service fT[fX,š]Žn,μ,Ü,·B,±,lfRf}f“fh,ÍAWindows NT Server ā,Å TCP/IP  
,“,æ,Ń Windows Internet Name Service ,šfCf“fXfg[f<,³,ê,Ä,ç,éê#É,μ,©Žg,!,Ü,¹,ñB

### net start "windows internet name service"

Net Start Windows Internet Name Service ,ÉŠÖ,·,éÚ×î•ñ

Net Start Windows Internet Name Service--'

Net Start Windows Internet Name Service--—á



### Net Start Windows Internet Name Service--'

Windows Internet Name Service fT[fxfX,íAflfbfgf[fNä,lfNf%ofCfAf“fg fRf“fsf...[f^,É‘í,μ,ÄfRf“fsf...  
[f^-¼,ð TCP/IP fAfhfæfX,ÖŠ,,è“-,Ä,Ü,·B

2 'PCEê^Èä,©,ç,È,éfT[fxfX-¼,íA“ñd^ø—p•,, ("),Å^í,Ü,È,-,ê,î,È,è,Ü,¹,ñB,±,lfT[fxfX,íA**net start**  
**wins** fRf}f“fh,ÅŠJŽn,·,é,±,Æ,à,Ä,«,Ü,·B

Net Start Windows Internet Name Service ,ÉŠÖ,·,éÚ×íñ

Net Start Windows Internet Name Service---á

Net Start Windows Internet Name Service





### **Net Start Windows Internet Name Service---**

Windows Internet Name Service fT[fX,š]Žn, :é,É,Í[AŽŸ,ì,æ,ŕ,É“ü—Í,μ,Ü,·B

net start "windows internet name service"

Net Start Windows Internet Name Service ,ÉŠÖ,·,éÚ×î•ň

Net Start Windows Internet Name Service--'

Net Start Windows Internet Name Service



### Net Start Workstation

Workstation fT[fX,đŠ]Žn,μ,Ü,·BWorkstation fT[fX,íAfRf“fsf...[f^,³f]bfgf[fN]ă,ł<α—  
LŽ'Ā¹,đŽg,!,é,æ,α,É,μ,Ü,·B

### net start workstation

Net Start Workstation ,ÉŠÖ,·,éÚ×î•ñ

Net Start Workstation--'

Net Start Workstation--—á



**Net Start Workstation--'**

Workstation fT[fxfX,đŠ)Žn,·,é,ÆAfRf“fsf...[f^,əflfbfgf[fNă,ìî•ň,Æ<@Ší,đŽg,!,é,æ,α,É,È,è,Ü,·B

Net Start Workstation ,ÉŠÖ,·,éÚ×î•ň

Net Start Workstation--—á

Net Start Workstation



### **Net Start Workstation---**

Workstation fT[fxfX,đŠ]Žn,·,é,É,Í[AŽŸ,ì,æ,æ,É“ü—Í,μ,Ü,·B

### **net start workstation**

Net Start Workstation ,ÉŠÖ,·,éÚ×î•ň

Net Start Workstation--'

Net Start Workstation



## Net Statistics

f[]f[]f[] Workstation ,Ü,½,í Server fT[]f[]f[]X,ì“[]CEv[]î•ñf[]f[]O,ð•\Ž!,μ,Û,·[]B

**net statistics [workstation | server]**

**f[]f[]%[]f[]f[]f[]^**

,È,μ

f[]f[]%[]f[]f[]f[]^,ð•t,¯,·,É **net statistics** ,Æ“ü—Í,·,é,Æ[]A“[]CEv[]î•ñ,ª—~—p%[]Å“\,È“ @[]ì’t,ìfT[]f[]f[]X,ð^ê—  
•\Ž!,μ,Û,·[]B

**workstation**

f[]f[]f[]f[]f[] Workstation fT[]f[]f[]X,ì“[]CEv[]î•ñ,ð•\Ž!,μ,Û,·[]B

**server**

f[]f[]f[]f[]f[] Server fT[]f[]f[]X,ì“[]CEv[]î•ñ,ð•\Ž!,μ,Û,·[]B

Net Statistics ,ÉŠÖ,·,é[]Ú[]×[]î•ñ

Net Statistics--'[]

Net Statistics---—á



**Net Statistics--'**

,±,ìfRf}f“fh,íA**net stats** ,Æ“ü—í,·,é,±,Æ,à,Å,Ü,·B

**net statistics** fRf}f“fh,ðŽg,æ,ÆAZw'è,μ,½fT[fRfX,ÉŠÖ,·,éfptfH[f}f“fXî•ñ,ð•\Ž!,Å,«,Ü,·B

**Server fT[fRfX:**

Windows NT ,íA**fRf“fsf...**[f^,ìfRf“fsf...[f^-¼A“CEvî•ñ,ìÅIIXV“úŽžA,“,æ,ÑŽÿ,ìî•ñ,ðfCEf] [fg,μ,Ü,·B



<N“@,<sup>3</sup>,è,½fZfbfVf+f““AZ©“@“l,ÉØ'f,<sup>3</sup>,è,½fZfbfVf+f““A,“,æ,ÑfGf



%o[L,É,æ,Á,ÄØ'f,<sup>3</sup>,è,½fZfbfVf+f““B



'—ŽóM,<sup>3</sup>,è,½ KB “A,“,æ,ÑfT[fO[,ì•½<í%ž“šŽžŠÔB



fGf%o[["Afpxf[fh^á"½"A,“,æ,ÑfAfNfZfXCE \$CEÁ"B



<æ—Lftf@fCf<AfvfŠf^f^A,“,æ,Ñ'ÉMffofCfX,ìŽg—p%ñ"B



f[f,fŠ fofbtf@ fTfCfY,ì' %oB%ñ"B

**Workstation fT[fRfX:**

Windows NT ,íA**fRf“fsf...**[f^,ìfRf“fsf...[f^-¼A“CEvî•ñ,ìÅIIXV“úŽžA,“,æ,ÑŽÿ,ìî•ñ,ðfCEf] [fg,μ,Ü,·B



ŽóM,“,æ,Ñ“`—,μ,½fofCfG“,Æ SMB “B



—CE÷,Ü,½,íŽ,“s,μ,½“Ç,ÝŽæ,è'€ì,Æ',«ž,Ý'€ì,ì“B



flfbfgf[fN fGf%o[["B



Ž,“s,μ,½fZfbfVf+f““AØ'f,<sup>3</sup>,è,½fZfbfVf+f““A,Ü,½,íÅÚ'±,<sup>3</sup>,è,½fZfbfVf+f““B



—CE÷,Ü,½,íŽ,“s,μ,½<æ—LŽ'CE<sup>1</sup>,Ö,ìÚ'±“B

Net Statistics ,ÉŠÖ,·,éÚ×î•ñ



Net Statistics---á



Net Statistics



### Net Statistics---

“CEvî•ñ,ª—~—p%oÂ“\,È” ®î’t,ìfT[]fxfX,ð•Ž|,.,é,É,íAŽŸ,ì,æ,æ,É“ü—í,μ,Ü,·B

### net stats

Server fT[]fxfX,ì“CEvî•ñ,ð 1 %oæ-Ê,,.Â•Ž|,.,é,É,íAŽŸ,ì,æ,æ,É“ü—í,μ,Ü,·B

net statistics server | more

Net Statistics ,ÉŠÖ,.,éÚ×î•ñ



Net Statistics--'



Net Statistics



## Net Stop

Windows NT ,ìfìfbfgf[]fN fT[]fxfX,ð'âž~,μ,Û,·[]B

**net stop** fT[]fxfX

**fpf%of[]f^**

fT[]fxfX

**alerter[]Aclient service for netware[]Aclipbook server[]Acomputer browser[]Adirectory replicator[]Aftp publishing service[]Alpdsvc[]Amessenger[]Anet logon[]Anetwork dde[]Anetwork dde dsdm[]Anetwork monitor agent[]Ant lm security support provider[]Aole[]Aremote access connection manager[]Aremote access isnsap service[]Aremote access server[]Aremote procedure call (rpc) locator[]Aremote procedure call (rpc) service[]Aschedule[]Aserver[]Asimple tcp/ip services[]Asnmp[]Aspooler[]Atcp/ip netbios helper[]Aups[]A,Û,½,í workstation ,ðžw'è,μ,Û,·[]B**

žŸ,ìfT[]fxfX,í[]AWindows NT Server ,Å,ì,Ý—~—p%oÅ"\,Å,·[]B**file server for macintosh[]Agateway service for netware[]Amicrosoft dhcp server[]Aprint server for macintosh[]Awindows internet name service[]B**

Net Stop ,ÉšÖ,·,é[]Ú[]×[]î·ñ



Net Stop--'[]



Net Stop---á





### Net Stop--'

Server fT[fxfX,đ'âž~,.,é,ÆA" @i't,ì<@"\,đ'âž~,μA\ftfgfEfffA,đf,fš,©,çfœ,Á,«,Ü,·B  
 ,È,è,Ü,·Bft[fU[,ž'CE¹,ÉfAfNfzfX,μ,Ä,ç,éšÖ,É Server fT[fxfX,đ'âž~,.,é,ÆAÚ'±,đžæ,èÁ,·,©,ç,μ  
 ,©,ìšm" F,đ<,β,éCExffbfz[fW,ª\ž!,³,è,Ü,·BY fL[,đ%Ÿ,·,ÆAfrf"fsf...f^,Ö,ì,·,x,Á,ìÚ'±  
 ,žæ,èÁ,³,è,Ü,·B

### Server fT[fxfX,đ'âž~,.,é'O,É,íAZŸ,ì'€ì,đs,ç,Ü,·B



fT[fxfX,đ'êžž'âž~,μ,Ü,· (ft[fU[,ªV,½,ÉÚ'±,Á,«,È,ç,æ,μ,É,·,é,½,β)B



ft[fU[,ÉfT[fo[,ìž'CE¹,©,çØ'f,·,é,æ,μ,É<,β,éfbfz[fW,đ'—M,μ,Ü,·B

**net stop** ,íAWindows NT ,É,æ,Á,Ä'ñ<Ÿ,³,è,È,çf\fbfgf[fN fT[fxfX,à'âž~,Á,«,Ü,·B

šÖ~A€-Ú

'€i

žQÆ

/yes ,Æ /no ,ìžg,ç•û

Net (frf}f"fh flfvVf+f")

fT[fxfX,ìšžnA^èžž'â

Net Continue, Net

ž~A,·,æ,ÑÄšžn

PauseA,·,æ,Ñ Net Start

,ì€

Net Stop ,ÉšÖ,·,éÚ×î•ñ



Net Stop--á



Net Stop



### Net Stop---á

Server fT[fX,đ'âž~,·,é,É,íAŽŸ,ì,æ,Ꝥ,É"ü—í,μ,Ü,·B

### net stop server

Net Stop ,ÉšÖ,·,éÚ×î•ñ

Net Stop--'

Net Stop



## Net Time

fRf“fsf...[f^,ìžžÆv,ð•Ê,ìfRf“fsf...[f^,Û,½,ífhf[]fCf“,ìžžÆv,É“~Šú,<sup>3,1</sup>Û,·[]B/set flfvfVf#f“,ð•t,~,ÉŽg,æ  
,Æ[]A•Ê,ìfRf“fsf...[f^,Û,½,ífhf[]fCf“,ìžž[][],ð•\Ž!,µ,Û,·[]B

**net time** [\fRf“fsf...[f^-¼ | /domain[:fhf[]fCf“-¼]] [/set]

**fpf%of[]f^**

\fRf“fsf...[f^-¼

“~Šú,<sup>3,1</sup>é[]A,Û,½,ížž[][],ðšm”F,·,éfT[]fo[],ì-¼’O,ðŽw’è,µ,Û,·[]B

**/domain[:fhf[]fCf“-¼]**

žž[][],ð“~Šú,<sup>3,1</sup>éf[]fhf[]fCf“,ðŽw’è,µ,Û,·[]B

**/set**

fRf“fsf...[f^,ìžžÆv,ð[]AŽw’è,µ,½fRf“fsf...[f^,Û,½,ífhf[]fCf“,ìžž[][],É“~Šú,<sup>3,1</sup>Û,·[]B



### Net Use

fRf"fsf...[f^,δ<α—LŽ'CE¹,É□Ú'±□AfRf"fsf...[f^,δ<α—LŽ'CE¹,©,ç□Ø'f□A,Ü,½,ífRf"fsf...[f^,ì□Ú'±,ÉŠÖ,·,é□î•ñ,ð•\Žì,μ,Ü,·□B,±,ìfRf}f"fh,í□AZŸ%oňf□Ofif"Žž,ìfìfbfgf□□fN□Á□Ú'±,à□\$CEä,μ,Ü,·□B

**net use** [fffofCfX-¼ | \*] [\fRf"fsf...[f^-¼\<α—L-¼ [\f{fŠf...□[f€]] [fpfXf□□[fh | \*]] [/user:[fhf□fCf"-¼\]ft□[fU□[-¼]] [[/delete] | [/persistent:{yes | no}]]

**net use** fffofCfX-¼ [/home[fpfXf□□[fh | \*]] [/delete:{yes | no}]

**net use** [/persistent:{yes | no}]

**fpf%of□□[f^**

,É,μ

fpf%of□□[f^,ð•t,·,·,É **net use** ,Æ"ü—í,·,é,Æ□Afìfbfgf□□fN□Ú'±,ð^ê—·•\Žì,μ,Ü,·□B

fffofCfX-¼

Ž'CE¹,É□Ú'±,·,é,½,β,ÉŠ,,è"—,Ä,é-¼'O□A,Ü,½,í□Ø'f,·,éfffofCfX,ðŽw'è,μ,Ü,·□BfffofCfX-¼,É,í□AfffBfXfNfhf%ofCfu (D: ,©,ç Z:) ,ÆfvfŠf" f^ (LPT1: ,©,ç LPT3:) ,ì 2 Ží—p,ª, ,è,Ü,·□BŽŸ,ì—~p%oÁ"\,ÉfffofCfX-¼,ðŠ,,è"—,Ä,é,É,í□A"Á'è,ìfffofCfX-¼,ì'ä,í,è,ÉfAfXf^fŠfXfN,ð"ü—í,μ,Ü,·□B

\fRf"fsf...[f^-¼\<α—L-¼

fT□[fo□[,Æ<α—LŽ'CE¹,ì-¼'O,ðŽw'è,μ,Ü,·□BfRf"fsf...[f^-¼,ª<ó"'•¶Žš,ðŠÜ,p□ê□#,í□A2 ,Á,ì%o~<L□† (\),ÆfRf"fsf...[f^-¼,ð"ñ□d^ø—p•,, ("),Á^í,Ÿ,Ü,·□BfRf"fsf...[f^-¼,í"¼Šp,ì□ê□# 15 •¶Žš,Ü,Á,Á,·□B

\f{fŠf...□[f€

fT□[fo□[□ā,ì NetWare f{fŠf...□[f€,ðŽw'è,μ,Ü,·□BNetWare fT□[fo□[,É□Ú'±,·,é,É,í□ANetWare fNf%ofCfAf"fg fT□[frfX (Windows NT Workstation) ,Ü,½,í NetWare fQ□[fgfEjfFfC fT□[frfX (Windows NT Server) ,ªfCf" fXfg□[f<,ª,è,Ä□AZÄ□s,ª,è,Ä,ç,è,·,é,î,É,è,Ü,¹,ñ□B

fpfXf□□[fh

<α—LŽ'CE¹,ÉfAfNfZfX,·,é,½,β,É•K—v,ÉfpfXf□□[fh,ðŽw'è,μ,Ü,·□B

\*

fpfXf□□[fh,ì"ü—í,ð<□,β,éfvf□f"fvfg,ð•\Žì,μ,Ü,·□BfpfXf□□[fh,í□Afvf□f"fvfg,É'í,·,é"ü—íŽž,É,í•\Žì,ª,è,Ü,¹,ñ□B

**/user**

□Ú'±Žž,ÉŽg,í,è,é•É,ìft□[fU□[-¼,ðŽw'è,μ,Ü,·□B

fhf□fCf"-¼

•É,ìfhf□fCf",ðŽw'è,μ,Ü,·□B,½,Æ,ì,í□**net use d: \\server\share /user:admin\mariel**,í□Aft□[fU□[ mariel ,ð admin fhf□fCf",©,ç□Ú'±,μ,½□ê□#,Æ" ~—ì,É□Ú'±,μ,Ü,·□Bfhf□fCf"-¼,ð□É—ª,·,é,Æ□ACE»□Ÿf□Ofif",μ,Ä,ç,éfhf□fCf",ªŽg,í,è,Ü,·□B

ft□[fU□[-¼

f□Ofif"Žž,ÉŽg,í,è,éft□[fU□[-¼,ðŽw'è,μ,Ü,·□B

**/home**

ft□[fU□[,ð,»],ìfz□[f€ fffBfCEfNfgfŠ,É□Ú'±,μ,Ü,·□B

**/delete**

Žw'è,μ,½fìfbfgf□□fN□Ú'±,ðŽæ,è□Á,μ,Ü,·□Bft□[fU□[,ª□Ú'±,ðfAfXf^fŠfXfN,ÁŽw'è,·,é,Æ□A,·,x,Ä,ìfìfbfgf□□fN□Ú'±,ªŽæ,è□Á,ª,è,Ü,·□B

**/persistent**

ŽŸ%ňfOfIf“Žž,lfbfbf[]fNÄÚ'±,ð§æä,μ,Û,·BŠù'è,ìŸ'è,Å,íA'O  
%ňŽw'è,μ,½Ÿ'è,Å,·BffofCfX,ðŽg,í,È,çÚ'±,íAŽŸ%ňfOfIf“Žž,ÉÄÚ'±,<sup>3</sup>,è,Û,<sup>1</sup>,ňB

**yes**

æ»Ÿ,ì,·,x,Ä,ìÚ'±,ð·Û'¶,μAZŸ%ňfOfIf“Žž,É·ææ<sup>3</sup>,μ,Û,·B

**no**

æ»Ÿ,Û,½,í,»,è^Èæä,ìÚ'±,ð·Û'¶,μ,Û,<sup>1</sup>,ňBŠù'¶,ìÚ'±,íAZŸ%ňfOfIf“Žž,É·ææ<sup>3</sup>,<sup>3</sup>,è,Û,·BŽŸ  
%ňfOfIf“Žž,ìÄÚ'±,ð,â,ß,é,É,íA/delete ,ðŽg,ç,Û,·B

Net Use ,ÉŠÖ,·,éÚ×î•ň

Net Use--'□

Net Use---á



### Net Use--'

net use fRf}f“fh,đŽg,κ

,Æ[]Aflfbfgf[]fNŽ‘CE<sup>1</sup>,É[]Ú‘±[]Aflfbfgf[]fNŽ‘CE<sup>1</sup>,©,ç[]Ø‘f[]A,Ü,½,Íflfbfgf[]fNŽ‘CE<sup>1</sup>,Ö,ìCE»[]Ý,ì[]Ú‘±,đ•\Ž,Â,«,Ü,·[]B<κ—LfffbfCEfNfgfŠ,<sup>3</sup>CE»[]Ý,ìfhf%ofCfu,Æ,μ,ĂŽg,í,ê,Ă,ç

,é[]ê[]‡,âfAfnfefBfu,Ěfvf[]ZfX,ÉŽg,í,ê,Ă,ç,é[]ê[]‡,í[]A,»,ì<κ—LfffbfCEfNfgfŠ,©,ç[]Ø‘f,Â,«,Ü,<sup>1</sup>,ň[]B

[]Ú‘±,ÉŠÖ,.,é[]î•ň,đ•\Ž,.,é,É,í[]AZŸ,ì 2 ,Â,ì•û-@,<sup>3</sup>, ,è,Ü,·[]B



“Á‘è,ì[]Ú‘±,ÉŠÖ,.,é[]î•ň,đ•\Ž,.,é,É,í[]Anet use fffofCfX-¼ ,Æ“ü—í,μ,Ü,·[]B



fRf“fsf...[]f^,ì,.,x,Ă,ì[]Ú‘±,ì^ê—,đ•\Ž,.,é,É,í[]Anet use ,Æ“ü—í,μ,Ü,·[]B

fffofCfX,đŽg,í,È,ç[]Ú‘±

fffofCfX,đŽg,í,È,ç[]Ú‘±,í[]AZŸ%oňf[]f[]f“Žž,É•œCE<sup>3</sup>,<sup>3</sup>,è,Ü,<sup>1</sup>,ň[]B

NetWare fT[]fo[]L,Ö,ì[]Ú‘±

NetWare fNf%ofCfAf“fg fT[]fRfX,Ü,½,í NetWare fQ[]fgfEjFfC

fT[]fRfX,<sup>3</sup>^ê“xfCf“fXfg[]f<,<sup>3</sup>,êŽÀ[]s,<sup>3</sup>,é,é,Æ[]ANovell flfbfgf[]fN[]ă,ì NetWare fT[]fo[]L,É[]Ú‘±,.,é,±

,Æ,<sup>3</sup>,Â,«,Ü,·[]B[]Ú‘±,.,é{fŠf...[]f€,đŠÜ,ß,È,.,ê,î,È,ç,È,ç^ÉŠÖ[]AWindows []ă,Âflfbfgf[]fN fT[]fo[]L,É[]Ú‘±

,.,é,Æ,«,Æ““,¶[]•¶,đŽg—p,μ,Ü,·[]B

Net Use ,ÉŠÖ,.,é[]Ú×[]î•ň



Net Use---á



Net Use



**Net Use---**

fT[f]o[ \FINANCIAL ]ã,ì<κ—LffBfCfNfgfŠ LETTERS ,É[AffBfXfN fhf%ofCfu,ìfffofCfX-¼ E: ,ðŠ,,è“-  
,Ä,é,É,í[AŽŸ,ì,æ,κ,É“ü—í,μ,Ü,·]B

**net use e: \\financial\letters**

FINANCIAL NetWare fT[f]o[ [ã,ì LETTERS f{fŠf... [f€“à,ìffBfCfNfgfŠ MARIA ,É[AffBfXfN fhf%ofCfu  
fffofCfX-¼ M: ,ðŠ,,è“- ,Ä,é,É,í[AŽŸ,ì,æ,κ,É“ü—í,μ,Ü,·]B

**net use m: \\financial\letters\maria**

fT[f]o[ \ACCOUNTING ]ã,ì<κ—LfvfŠf“f^ LASER2 ,É[AfffofCfX-¼ LPT1: ,ðŠ,,è“- ,Ä,é,É,í[AŽŸ,ì,æ,κ  
,É“ü—í,μ,Ü,·]B

**net use lpt1: \\accounting\laser2**

fvfŠf“f^ LPT1: ,©,ç[]Ø’f,·,é,É,í[AŽŸ,ì,æ,κ,É“ü—í,μ,Ü,·]B

**net use lpt1: /delete**

ffBfXfN fhf%ofCfu,ìfffofCfX-¼ H: ,ð[Aft[]fU[] mariel ,Æ,μ,Äfz[]f€ fffBfCfNfgfŠ,ÉŠ,,è“-  
,Ä,é,É,í[AŽŸ,ì,æ,κ,É“ü—í,μ,Ü,·]B

**net use h: /home /user:mariel**

ffBfXfN fhf%ofCfu,ìfffofCfX-¼ F: ,ðfT[f]o[ \FINANCIAL ]ã,ì<κ—LffBfCfNfgfŠ SCRATCH ,ÉŠ,,è“- ,Ä  
(fpfXf[]fh,í hctarcs)[]AŽŸ%ñf[]fOfjf“Žž,É[]Ä[]Ú’±,μ,É,ç,æ,κ,É,·,é,É,í[AŽŸ,ì,æ,κ,É“ü—í,μ,Ü,·]B

**net use f: \\financial\scratch hctarcs /persistent:no**

ffBfCfNfgfŠ \FINANCIAL\SCRATCH ,©,ç[]Ø’f,·,é,É,í[AŽŸ,ì,æ,κ,É“ü—í,μ,Ü,·]B

**net use f: \\financial\scratch /delete**

fT[f]o[ FINANCIAL 2 ]ã,ì<κ—LŽ’CÉ¹,É[]Ú’±,·,é,É,í[AŽŸ,ì,æ,κ,É“ü—í,μ,Ü,·]B

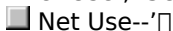
**net use k: "\\financial 2"\memos**

fXfy[]fX,ðŠÜ,bfT[f]o[[-¼,í[A“ñ[]d^ø—p•,, (“) ,Å^í,Ý,Ü,·]B“ñ[]d^ø—p•,,ð[]È—ª,·,é,Æ[]AfGf  
%[][] f[]bfz[]fW,ª·\Ž!,³,è,Ü,·]B

^ÈCã,ì·í[]X,ÉŠÖCÉW,È,[]Af[]fOfjf“,·,é,½,Ñ,ÉCÉ»[]Ý,ì[]Ú’±,ð·œCÉ³,·,é,É,í[AŽŸ,ì,æ,κ,É“ü—í,μ,Ü,·]B

**net use /persistent:yes**

Net Use ,ÉŠÖ,·,é[]Ú[]×[]î·ñ



Net Use--'



Net Use



## Net User

ft[fU[f AfjJfEf"fg,đ'Ç%Á,Ü,½,íC³A, ,é,ç,íft[fU[f AfjJfEf"fgí•ň,đ•Ž!,μ,Ü,·B

**net user** [ft[fU[-¼ [fpfXf[fh | \*] [flfvfVf#"] [/domain]

**net user** ft[fU[-¼ {fpfXf[fh | \*} /add [flfvfVf#"] [/domain]

**net user** ft[fU[-¼ [/delete] [/domain]

**fpf%o**f[f^

,É,μ

fpf%o f[f^ ,đ•t, , ,É **net user** ,Æ"ü—í, ,é,ÆAfRf"fsf...[f^ ,íft[fU[f AfjJfEf"fg,đ^ê—•Ž!,μ,Ü,·B

ft[fU[-¼

'Ç%ÁAíC³A,Ü,½,í•Ž!, ,éft[fU[f AfjJfEf"fg,ì-¼'O,đŽw'è,μ,Ü,·Bft[fU[f AfjJfEf"fg,ì-¼'O,íA"¼Šp,Å 20 •¶Žš^È"à,Å,·B

fpfXf[fh

,» ,íft[fU[f AfjJfEf"fg,ÉŠ,,è"- ,Ä,éA,Ü,½,í•íX, ,éfpfXf[fh,đŽw'è,μ,Ü,·BfpfXf[fh,íA**net**

**accounts** fRf}f"fh,ì /minpwlen fpf%o f[f^ ,ÄY'è,³,è,½Ä- ,í•¶Žš" ,đ-ž,½,μ,Ä,ç

,É, ,é,î,É,è,Ü,¹,ñBfpfXf[fh,íA"¼Šp,Å 14 •¶Žš^È"à,Å,·B

\*

fpfXf[fh,ì"ü—í,đ<ç,ß,éfvf"fvfg,đ•Ž!,μ,Ü,·BfpfXf[fh,íAfvf"fvfg,É'í, ,é"ü—íŽž,É,í\

Ž!,³,è,Ü,¹,ñB

**/domain**

fRf"fsf...[f^ ,ífvf%oCf}fŠ fhfCf" ,ífvf%oCf}fŠ fhfCf" fRf"fgf[f%o,Ä,±,ì^— ,đŽÀs,μ,Ü,·B

,±,ífpf%o f[f^ ,ªK—p,³,è,é,ì,íAWindows NT Server fhfCf" ,íft[fU[f AfjJfEf"fg,đ^ê—•Ž!,μ,Ü,·B

fRf"fsf...[f^ ,É'í,μ,Ä,¾, ,Ä,·BŠù'è,ìY'è,Ä,íAWindows NT Server fRf"fsf...[f^ ,íAfvf%oCf}fŠ

fhfCf" fRf"fgf[f%oä,Ä,±,ì^— ,đŽÀs,μ,Ü,·B

'F ,±,ì^— ,íAfvf%oCf}fŠ fhfCf" ,ífvf%oCf}fŠ fhfCf" ,ífvf%oCf}fŠ fhfCf" fRf"fgf[f%o

,ÄŽÀs,³,è,Ü,·B,±,è,íAfvf%oCf" ,μ,½fhfCf" ,Ä,í,É,çè±,ª, ,è,Ü,·B

**/add**

ft[fU[f AfjJfEf"fg f[f^x[fX,Éft[fU[f AfjJfEf"fg,đ'Ç%Á,μ,Ü,·B

**/delete**

ft[fU[f AfjJfEf"fg f[f^x[fX,çft[fU[f AfjJfEf"fg,đíC³,μ,Ü,·B

**flfvfVf#"** ,íŽŸ,ì,Æ, ,è,Ä,·B

**/active:** {no | yes}

ft[fU[f AfjJfEf"fg,đ—LCEø,Ü,½,í-³CEø,É,μ,Ü,·Bft[fU[f AfjJfEf"fg,ª—LCEø,Ä,È,ç,ÆAf[fU[f AfjJfEf"fg,đ^ê—•Ž!,μ,Ü,·B

[f^ ,íŽ'CE¹,ÉAfNfZfX,Ä,«,Ü,¹,ñBŠù'è'í,í **yes** (—LCEø) ,Ä,·B

**/comment:**"fefLfxfg"

,» ,íft[fU[f AfjJfEf"fg,ÉŠÖ, ,éçà-¾,íRf"fg,đŽw'è,μ,Ü,·BRf"fg,íA48

•¶Žš^È"à,Å,·BfefLfxfg,í"ñd^ø—p•,, ,Ä^í,Y,Ü,·B

**/countrycode:**nnn

fwfçv,âfGf%o [fbfZ[fW,đ•Ž!, ,éÜ,ìCE¾CEêtf@Cfç,É"K—p,³,è,élfyfCE[fefBf"fo fvfxfef€,íjff"fgfŠ

fR[fh,đŽw'è,μ,Ü,·B0 ,íAŠù'è,íjff"fgfŠ fR[fh,đ•\,μ,Ü,·B

**/expires:** {"ú•t | never}



"ú•t,žw'è,è,Ä,ç,éêë,íAft[fU[ fAfffEfg,É—LCEøŠúŠÔ,ðY'è,μ,Û,·Bnever ,ðŽg,æ  
 ,ÆAft[fU[ fAfffEfg,É'í,·,é—LCEøŠúŠÔ,ì§CEÀ,Í,È,·,È,è,Û,·B—LCEøŠúŠÔ,íA/countrycode ,É  
 %øž,¶,½"ú•t,ìCE`Ž®,Äžw'è,μ,Û,·BŠù'è,ìY'è,Ä,íAyy/mm/dd ,ìCE`Ž®,Ä,·BfAfffEfg,ì—  
 LCEøŠúŠÔ,íAžw'è,μ,½"ú•t,ìŽn,β,Éø,è,é,±,Æ,É'í^ó,μ,Ä,,¾,¾,çBCEŽ,íA"ŽšA%øp'PCEêA,Û,½,í 3  
 •¶Žš,ìZkCE` ,Ä,·B"N,íA2 CE...,Û,½,í 4 CE...,Ä,·B"ú•t,íAfff"fg,Û,½,ífXf%øfbfVf...  
 ,Äæø,èAfxfy[fX,í"ü,è,ç,è,Û,¹,ñByy ,ðÉ—á,·,é,ÆA"ú•t,ìŽY,ì"~—P'ì,ª (fRf"fsf...  
 [f^,ì"ú•t,ÆŽš,É,Ä) 'z'è,è,Û,·B,½,Æ,ì,íAŽY,ì"ú•tfgf"fgfš,íA1994 "N 1 CEŽ 10 "ú ,©,ç 1995  
 "N 1 CEŽ 8 "ú,Û,Ä,ìŠÔ,É"ü—í,·,é,Æ"™%ø,É,È,è,Û,·B

jan,9  
1/9/95  
january,9,1995  
1/9

**/fullname:**"-¼'O"

ft[fU[.lftf< fí[fé (ft[fU[-¼,Ä,í ,è,Û,¹,ñ) ,ðŽw'è,μ,Û,·B-¼'O,í"ñd^ø—p•,,Ä^í,Y,Û,·B

**/homedir:**fpx-¼

ft[fU[.lftf[fé fffBfCEfNfgfš,lfpx,ðŽw'è,μ,Û,·Bžw'è,·éfpfx,íA'¶Y,μ,Ä,ç,È,·,è,í,È,è,Û,¹,ñB

**/homedirreq:**{yes | no}

fz[fé fffBfCEfNfgfš,ªK—v,©,ç,æ,©,ðŽw'è,μ,Û,·B

**/passwordchg:**{yes | no}

ft[fU[.æŽ®•ª,lfpxf[fh,ð•íX,Ä,«,é,©,ç,æ,©,ðŽw'è,μ,Û,·BŠù'è'í,í yes ,Ä,·B

**/passwordreq:**{yes | no}

ft[fU[ fAfffEfg,Éfpfxf[fh,ª,È,·,è,í,È,ç,È,ç,©,ç,æ,©,ðŽw'è,μ,Û,·BŠù'è'í,í yes ,Ä,·B

**/profilepath:**[fpx-¼]

ft[fU[.lftfOfif" fvfftf@fcf<,lfpx,ðŽw'è,μ,Û,·B,±,lfpx-¼,íAfcfWfXfgfš fvfftf@fcf<,ðŽw,μ,Û,·B

**/scriptpath:**fpx-¼

ft[fU[.lftfOfif" fXfNfšfvfg,lfpx,ðŽw'è,μ,Û,·Bfpfx-¼,Éà'lfpx,ðŽg,æ,±,Æ,í,Ä,«,Û,¹,ñBfpfx-¼,í  
 %systemroot%\SYSTEM32\REPL\IMPORT\SCRIPTS ,ì'S'lfpx,Ä,·B

**/times:**{ŽšŠÔ | all}

ft[fU[.æRf"fsf...[f^,ðŽg,ì,éŽšŠÔ,ðŽw'è,μ,Û,·BžšŠÔ,íA—j"ú[—j"ú][,—j"ú[—j"ú],Žš[—Žš[  
 [,Žš[—Žš[ ] ,Ä•\,μAžš[ ,í 1 ŽšŠÔ,Ý,Ä,·B—j"ú,íA%øp'PCEê,Û,½,ìZkCE`  
 (M[AT[AW[ATH[AFA[ASa[ASu) ,Ä,·Bžš[ ,íA12 ŽšŠÔ,Û,½,í 24 ŽšŠÔ,Ä,·B12  
 ŽšŠÔ,Ä,íAAM[APM[A,Û,½,í A.M.[AP.M. ,ðŽg,ç,Û,·BBall ,íAft[fU[ ,ª,ç,Ä,Ä,àfOfif" ,Ä,«,é,±  
 ,Æ,ð^ó-ì,μAfkf< (<ó") ,íAft[fU[ ,ª,Û,Ä,½,fOfif" ,Ä,«,È,ç,±,Æ,ð^ó-ì,μ,Û,·B—j"ú,ÆŽš[ ,lfff"fg}  
 ,Äæø,èA•;í" ,ì—j"ú,ÆŽš[ ,lzf~fRf" ,Äæø,è,Û,· ( ,½,Æ,ì,íAM,4AM-5PM;T,1PM-3PM)B/times  
 ,ðŽw'è,·,éêë,íAfxfy[fX,ðŽg,ì,Û,¹,ñB

**/usercomment:**"fefLfxfg"

ŠÇ—ŽŽ,æfAfffEfg,ÉŠÖ,·,é "ft[fU[.lftf"fg" ,ð'ç%øÄ,Û,½,í•íX,Ä,«,é,æ,æ,É,μ,Û,·BfefLfxfg,í"ñd^ø—  
 —p•,,Ä^í,Y,Û,·B

**/workstations:**{fRf"fsf...[f^-¼ [,...] | \*}

ft[fU[.ælfbgf[fN,ÉfOfif" ,·,é,Æ,«,ÉŽg,ì,éff[fNfxfe[fvftf" ,ð 8  
 'ä^È"à,Äžw'è,μ,Û,·B•;í" ,lRf"fsf...[f^-¼,ífj"fg" ,Äæø,è,Û,·B/workstations ,É%ø½,àžw'è,μ,È,ç  
 ,©A,Û,½,í \* ,ðŽw'è,·,é,ÆAft[fU[ ,í,ç,lfRf"fsf...[f^ ,©,ç,Ä,àfOfif" ,Ä,«,Û,·B

Net User ,ÉŠÖ,·,éíU×í•ñ

 Net User--'í

 Net User--á



### Net User--'

,±,ìfRf}f“fh,íA**net users** ,Æ“ü—í,·,é,±,Æ,à,À,«,Ü,·B

**net user** fRf}f“fh,ðŽg,±

,ÆAfhfCf“,ìftU[É‘í,μ,ÄftU[ fAjjfEf“fg,ðò-òA\$Eä,À,«,Ü,·BftU[ fAjjfEf“fgî•ñ,íAftU[ fAjjfEf“fg ff^fxX,ÉŠi“[,³,ê,Ü,·B

'

Windows NT Server ,ðŽÀs,·,éfRf“fsf...[f^,À **net user** fRf}f“fh,ð“ü—í,·,é,ÆAftU[ fAjjfEf“fg ff^fxX,Ö,ì•ïX,ívf%}fŠ fhfCf“ fRf“fgf[f%ä,ÅŽ©“@“l,És,í,ê,½EãAfofbNfAjbv fhfCf“ fRf“fgf[f%o,É•;»³,ê,Ü,·B,±,ê,íAWindows NT Server ,ìfhfCf“,É,¾,~“K—p,³,ê,Ü,·B

ŠÖ~A€-Ú



Net Accounts



Net Localgroup



Net Group

Net User ,ÉŠÖ,·,éU×î•ñ



Net User---á



Net User



### Net User---

ft [fU [ fAfffEf "fg, l^ê—, ð•Ž! , , é, É, íAŽŸ, ì, æ, x, É"ü—í, μ, Ü, ·B

#### net user

ft [fU [ fAfffEf "fg jimmyh , ÉŠÖ, , , éí•ñ, ð•Ž! , , é, É, íAŽŸ, ì, æ, x, É"ü—í, μ, Ü, ·B

#### net user jimmyh

Henry James , ìft [fU [ fAfffEf "fg, ð'Ç%Á, μA, » , ìÚACEŽ—j"ú, ©, ç<à—j"ú, ìCEB' O 8 Žž, ©, çCEBCEã 5 Žž, ìŠÖ, Éf [fOfjf " , , , éCE — , ð— ^ , ìAfpfXf [fh, a•K { , Á , , éY'è, É, μAftf< f [f€ , ðŽw'è , , , é, É, íAŽŸ, ì, æ, x , É"ü—í, μ, Ü, · (ŽžŠÖ, ìŽw'è, É, ìfXfy [fX, ìŽg, ì, Ü, , ñ)B

**net user henryj henryj /add /passwordreq:yes /times:monday-friday,8am-5pm/fullname:"Henry James"**

2 "Ö-Ú, ìft [fU [ -¼ (henryj) , ìAfpfXf [fh, Æ, μ, Ä"ü—í, , , é, à, ì, Á, ·B

**johnsw** , ìf [fOfjf "ŽžŠÖ (CEB' O 8 Žž, ©, çCEBCEã 5 Žž) , ð 24 ŽžŠÖ\$ , ðŽg, Á, ÄY'è , , , é, É, íAŽŸ, ì, æ, x, É"ü—í, μ, Ü, ·B

**net user johnsw /time:M-F,08:00-17:00**

**johnsw** , ìf [fOfjf "ŽžŠÖ (CEB' O 8 Žž, ©, çCEBCEã 5 Žž) , ð 12 ŽžŠÖ\$ , ðŽg, Á, ÄY'è , , , é, É, íAŽŸ, ì, æ, x, É"ü—í, μ, Ü, ·B

**net user johnsw /time:M-F,8am-5pm**

**marysl** , ìf [fOfjf "ŽžŠÖ, ðACEŽ—j"ú, ìCEB' O 4 Žž, ©, çCEBCEã 5 ŽžA%î—j"ú, ìCEBCEã 1 Žž, ©, çCEBCEã 3 ŽžA...—j"ú, ©, ç<à—j"ú, ìCEB' O 8 Žž, ©, çCEBCEã 5 Žž, ÉŽw'è , , , é, É, íAŽŸ, ì, æ, x, É"ü—í, μ, Ü, ·B

**net user marysl /time:M,4am-5pm;T,1pm-3pm;W-F,8:00-17:00**

**henryj, ì /homedirreq , ð yes** , ÉY'è, μA\SERVER\USERS\HENRYJ , ðfz [f€ fffBfCEfNfgfŠ, Æ, μ, ÄŠ,,, è- , Á, é, É, íAŽŸ, ì, æ, x, É"ü—í, μ, Ü, ·B

**net user henryj /homedirreq:yes /homedir \\SERVER\USERS\HENRYJ**

Net User , ÉŠÖ, , , éíÚ×í•ñ

- Net User--'
- Net User



### Net View

fhf\fcf" ,i^è— AfRf"fsf... [f^ ,i^è— A,Ü,½,íŽw'èfRf"fsf... [f^ ä,Å<α—L,<sup>3</sup>,è,Ä,ç,éŽ'CE<sup>1</sup>,ð•\Ž!,μ,Ü,·B

**net view** [\fRf"fsf... [f^-¼ | /domain[:fhf\fcf"-¼]]

**net view /network:nw** [\fRf"fsf... [f^-¼]

**fpf%of** [f^

,È,μ

fpf%of [f^ ,ð•t, , ,É **net view** ,Æ"ü—í,·,é,ÆACE»Ý,ìfhf\fcf""à,ìfRf"fsf... [f^ ,i^è— ,ð•\Ž!,μ,Ü,·B

\fRf"fsf... [f^-¼

<α—LŽ'CE<sup>1</sup>,ð•\Ž!,<sup>3</sup>,<sup>1</sup>,éRf"fsf... [f^ ,ðŽw'è,μ,Ü,·B

**/domain[:fhf\fcf"-¼]**

—~—p%oÄ"\,ÈfRf"fsf... [f^ ,ð•\Ž!,<sup>3</sup>,<sup>1</sup>,éfhf\fcf" ,ðŽw'è,μ,Ü,·Bfhf\fcf"-¼,ðÈ—

ä,·,é,ÆAflfbfgf [fN,ì,·,×,Ä,ìfhf\fcf" ,ð•\Ž!,μ,Ü,·B

**/network:nw**

NetWare flfbfgf [fN ä,Å—~—p,Å,«é,·,×,Ä,ìfT [fo [ ,ð•\Ž!,μ,Ü,·BfRf"fsf... [f^ -

¼,äŽw'è,<sup>3</sup>,è,é,ÆANetWare flfbfgf [fN "à,ì,»,ìfRf"fsf... [f^ ä,Å—~—p,Å,«éŽ'CE<sup>1</sup>,ä\

Ž!,<sup>3</sup>,è,Ü,·B,»,ìfVfXfef€ ,É%oÄ,!,ç,è,½,Ü,©,ìflfbfgf [fN,àA,±,ìfXfcfbf` ,ÄŽw'è,Ä,«Ü,·B

Net View ,ÉŠÖ,·,éÚ×î•ň

Net View--'

Net View---á



### Net View--'

net view fRf}f“fh,đŽg,ɤ,Æ□Afrf“fsf...□[f^,)^ê—,đ•\Ž!,Á,«,Ü,·□B•\Ž!,í□AZŸ,ì,æ,ɤ,É,È,è,Ü,·□B

fT□[fo□[-¼                    '□Žß

-----

\\PRODUCTION                ftj@fCf< fT□[fo□[

\\PRINT1                      □o—íŽº 1 ŠK

\\PRINT2                      □o—íŽº 2 ŠK

ŠÖ~A□€-Ú



Net View ,ÉŠÖ, ,.é□Ú□×□î•ň





### Net View---

NetWare fT[f^ \PRODUCTION ,æ—L,µ,Ä,ç,éŽ'CE¹,ì^ê—,ð•\Ž!,,é,É,íAŽŸ,ì,æ,æ,É“ü—í,µ,Ü,·B

### net view \\production

NetWare fT[f^ \MARKETING ,Ä—~—p,Ä,«,éŽ'CE¹,ð•\Ž!,,é,É,íAŽŸ,ì,æ,æ,É“ü—í,µ,Ü,·B

### net view /network:nw \\marketing

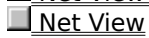
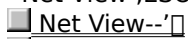
sales fhf[Cf“,Ü,½,íf[fNfOf<[fv,ìfT[f^,ì^ê—,ð•\Ž!,,é,É,íAŽŸ,ì,æ,æ,É“ü—í,µ,Ü,·B

### net view /domain:sales

NetWare ffbfgf[fN“à,ì,·,×,Ä,ìfT[f^,ð•\Ž!,,é,É,íAŽŸ,ì,æ,æ,É“ü—í,µ,Ü,·B

### net view /network:nw

Net View ,ÉŠÖ,·,éÚ×î•ñ





### TCP/IP fT[]fBfŠfB,ÆfT[]fX

fwf<fv,ð•Ž!,μ,½,çf+[]fBfŠfB,Ü,½,ÍfT[]fX,ð'!ð,μ,Ä,,¾,¾,ç[]B

### TCP/IP fT[]fBfŠfB

- |   |   |
|---|---|
| <input type="checkbox"/> <a href="#">arp</a>      | <input type="checkbox"/> <a href="#">nslookup</a> |
| <input type="checkbox"/> <a href="#">finger</a>   | <input type="checkbox"/> <a href="#">ping</a>     |
| <input type="checkbox"/> <a href="#">ftp</a>      | <input type="checkbox"/> <a href="#">rcp</a>      |
| <input type="checkbox"/> <a href="#">hostname</a> | <input type="checkbox"/> <a href="#">rexec</a>    |
| <input type="checkbox"/> <a href="#">ipconfig</a> | <input type="checkbox"/> <a href="#">route</a>    |
| <input type="checkbox"/> <a href="#">lpq</a>      | <input type="checkbox"/> <a href="#">rsh</a>      |
| <input type="checkbox"/> <a href="#">lpr</a>      | <input type="checkbox"/> <a href="#">tftp</a>     |
| <input type="checkbox"/> <a href="#">nbtstat</a>  | <input type="checkbox"/> <a href="#">tracert</a>  |
| <input type="checkbox"/> <a href="#">netstat</a>  |   |

### TCP/IP fT[]fX

- |   |  |
|---|--|
| <input type="checkbox"/> <a href="#">net start dhcp client</a>            | <input type="checkbox"/> <a href="#">net start snmp</a>                          |
| <input type="checkbox"/> <a href="#">net start lpdsvc</a>                 | <input type="checkbox"/> <a href="#">net start tcp/ip netbios helper</a>         |
| <input type="checkbox"/> <a href="#">net start microsoft dhcp server</a>  | <input type="checkbox"/> <a href="#">net start windows internet name service</a> |
| <input type="checkbox"/> <a href="#">net start simple tcp/ip services</a> |  |

TCP/IP fT[]fBfŠfB,í[]AUNIX f[]fNfXfe[]fVf#“,È,Ç[]AMicrosoft ^ÈŠO,ì[]»•i,ðŽg,xfRf“fsf...  
[]f^,Æ,ìf[]fBfŠfB[]fN[]Ú'±,ð'ñ<Ÿ,μ,Ü,·[]BTCP/IP fT[]fBfŠfB,ðŽg,æ,É,Í[]ATCP/IP flf[]fBfŠfB[]fN  
fvf[]fgfRf<,ðfCf“fXfg[]f<,μ,Ä,,©,È,¯,ê,Î,È,è,Ü,¹,ñ[]B





**Arp**

fAfhfCEfX%oδCE^fvf[]fgfRf< (ARP) ,ĂŽg,í,ê,é IP ,ÆfC[]fTfJfBfg,Ü,½,lfg[]fNf“ fŠf“fO,Æ,ì•” —  
[]fAfhfCEfX•İŠ·fe[]fuf<,δ•\Ž![]A,“,æ,Ń[]C[]³,μ,Ü,·[]B,±,lfRf}f“fh,í TCP/IP fv[]fgfRf<,əfCf“fXfg[]f<,³,ê,Ă,č  
,é[]ê[]‡,İ,Ÿ—LCEø,Ă,·[]B

**arp -a** [IP fAfhfCEfX] [-N [fCf“f^[]fTfFfCfXfAfhfCEfX]]

**arp -d** IP fAfhfCEfX [fCf“f^[]fTfFfCfXfAfhfCEfX]

**arp -s** IP fAfhfCEfX fC[]fTfJfBfgfAfhfCEfX [fCf“f^[]fTfFfCfXfAfhfCEfX]

**fpf%of[]f^**

**-a**

TCP/IP ,É[]Æ%oi,δ[]s,č[]ACE»[]Ÿ,ì ARP fGf“fgfŠ,δ•\Ž! ,μ,Ü,·[]BIPfAfhfCEfX,δŽw’è,·,é,Æ[]AŽw’è,μ,½fRf“fsf...  
[]f^,ì IP ,“,æ,Ń•” —[]fAfhfCEfX,İ,Ÿ,δ•\Ž! ,μ,Ü,·[]B

**-g**

**-a** ,Æ“ ,[]B

IP fAfhfCEfX

IP fAfhfCEfX,δfhfBfg<æ[]ø,è 10 []i•\<L,ĂŽw’è,μ,Ü,·[]B

**-N**

fCf“f^[]fTfFfCfXfAfhfCEfX,ĂŽw’è,μ,½fJfBfg[]fN fCf“f^[]fTfFfCfX,ì ARP fGf“fgfŠ,δ•\Ž! ,μ,Ü,·[]B

fCf“f^[]fTfFfCfXfAfhfCEfX

fAfhfCEfX•İŠ·fe[]fuf<,δ[]C[]³,μ,È, ,ê,İ,È,ç,È,čfCf“f^[]fTfFfCfX,ì IP

fAfhfCEfX,ə, ,ê,İ[]AŽw’è,μ,Ü,·[]B,È,č[]ê[]‡,İ[]A[]Ă[]%o,ì“K[]ø,ÈfCf“f^[]fTfFfCfX,əŽg—p,³,ê,Ü,·[]B

**-d**

IP fAfhfCEfX,ĂŽw’è,μ,½fGf“fgfŠ,ə[]í[]œ,³,ê,Ü,·[]B

**-s**

ARP fLffffbVf...,ÉfGf“fgfŠ,δ’ç%oÁ,μ[]AIP fAfhfCEfX,δ•” —[]fAfhfCEfX (fC[]fTfJfBfg fAfhfCEfX)

,ÉŠÖ~A•t, ,Ü,·[]B•” —[]fAfhfCEfX,İ[]AfnfCftf“,Ă<æ[]ø,Ă,½ 6 CEĂ,ì 16 []ifofCfg,Æ,μ,Ă“ü—Í,μ,Ü,·[]BIP

fAfhfCEfX,İ[]AfhfBfg<æ[]ø,è 10 []i•\<L,ĂŽw’è,³,ê,Ü,·[]B,±,lfGf“fgfŠ,İ

%oi’±“l,Ă,·[]B,Ă,Ü,è[]Af^fCf€fAfEfg,ìŽžŠÔ,ə[]—¹,μ,½CEă,Ă,à[]AfLffffbVf...,©,çŽ©“®“l,É[]í[]œ,³,ê,é,±  
,Æ,í, ,è,Ü,¹,ñ[]B

fC[]fTfJfBfgfAfhfCEfX

•” —[]fAfhfCEfX,δŽw’è,μ,Ü,·[]B



## Finger

Žw'è,μ,½fVfXfef€Ā Finger fT[frfX,đŽÀs't,ìft[fU[.ÉŠÖ,·,éî•ñ,đ•\Ž!,μ,Û,·B—í,íAfŠf,[fg  
fVfXfef€,É%ž,ŋ,Ā^Û,È,è,Û,·B,±,ìfRf}f“fh,í TCP/IP fvf[fgfRf<,³fCf“fXfg[f<,³,è,Ā,ç,ééè[ž,ì,Y—LCEø,Ā,·B

**finger [-l]** [ft[fU[]@fRf“fsf...[f^ [...]

**fpf%of[f^**

**-l**

f“fo fŠfXfgCE`Ž®,Āî•ñ,đ•\Ž!,μ,Û,·B

ft[fU[

î•ñ,đ•\Ž!,μ,½,çft[fU[,đŽw'è,μ,Û,·B,±,ìfpf%of[f^,đÈ—ª,·,é,ÆAŽw'è,μ,½fRf“fsf...

[f^,ìft[fU[‘S^ö,ÉŠÖ,·,éî•ñ,đ•\Ž!,μ,Û,·B

@fRf“fsf...[f^

fŠf,[fg fVfXfef€,Āft[fU[,ÉŠÖ,·,éî•ñ,đ•\Ž!,·,éft[fo[,đŽw'è,μ,Û,·B



## Ftp

FTP fT[f]o[f] fT[f]fX (ff[f]f",ÆCEÄ,î,ê,é,±,Æ,à, ,è,Ü,·) ,ðŽÀ□s't,lfRf"fsf...[f^,Æ,ÌŠÔ,Ä□Aftf@fCf<,ì"']— ,ð□s,ç,Û,·□B**ftp** ,í'~bCE^ ,ÄŽg—p,Ä,«,Û,·□B—~—p,Ä,«,é **ftp** fRf}f"fh,É,Ä,ç,Ä,í□A**Ftp** fRf}f"fh,ðŽQ□Æ,μ,Ä,,¾,¾,ç□B,±,lfRf}f"fh,í TCP/IP fv□f□f□fRf<,³fCf"fxfg□[f<,¾,¾,Ä,ç,é□é□±,ì,Ý—LCEø,Ä,·□B **ftp** [-v] [-d] [-i] [-n] [-g] [-s:fTf@fCf<-¼] [-a] [-w:fEfBf"fhfEFTfCfY] [fRf"fsf...[f^]

### fpf%of□[f^

#### -v

fŠf,□[fg fT□[fo□[.ì%ž"š,ð•Žì,μ,È,ç,æ,κ,É,μ,Û,·□B

#### -n

□%Šú□Ú'±Žž,Éž©"®f□fOfCf" ,Ä,«,É,ç,æ,κ,É,μ,Û,·□B

#### -i

•i□"ftf@fCf<,ì"']—,ì□Û,É'î~bCE^fv□f"fvfg,ð□s,í,È,ç,æ,κ,É,μ,Û,·□B

#### -d

fNf%ofCfAf"fg,ÆfT□[fo□[ŠÔ,Ä"n,¾,¾,·,x,Ä,ì **ftp** fRf}f"fh,ð•Žì,μ,Ä□AffofbfO<@"\,ð—LCEø,É,μ,Û,·□B

#### -g

f□□[ffj< ftf@fCf<-¼,ÆfpfX-¼,Éf□fCf<fhj□[fh•qŽš,ðŽg,ì,é,æ,κ,É,·,é□Aftf@fCf<-¼,ì globbing ,ð-¾CEø,É,μ,Û,· (lf"fxfg" fRf}f"fh fŠftf@fCf<fx,ì **glob** fRf}f"fh,ðŽQ□Æ,μ,Ä,,¾,¾,ç)□B

### -s:fTf@fCf<-¼

**ftp** fRf}f"fh,ª"ü,Ä,Ä,ç,éfeflXfg ftf@fCf<,ðŽw'è,μ,Û,·□B**ftp** ,ª<N"®,·,é,Æ□A,± ,lfRf}f"fh,ªŽ©"®"ì,ÉŽÀ□s,¾,¾,Û,·□B,±,lfpf%of□[f^,ì"r't,É<ó"" ,ð"ü,ê,é,± ,Æ,í,Ä,«,Û,¹,ñ□BfŠf\_fCfCEfNfVf±" (<) ,ì"ä,í,è,É□A,±,lfXfCfbf" ,ðŽg,Ä,Ä,,¾,¾,ç□B

#### -a

ff□[f^□Ú'±,ðCE<□±,·,é,Æ,«□Af□□[ffj< fCf" f^□[ftfFfCfX,ðŽg,ç,Û,·□B

### -w:fEfBf"fhfEFTfCfY

"j'—fofbftf@,lfTfCfY,ðŽw'è,μ,Û,·□BŠù'è,ì"']—fofbftf@ fTfCfY,í□A4096 ,Ä,·□B

### fRf"fsf...[f^

□Ú'±□æ,Æ,È,éfŠf,□[fg fRf"fsf...[f^,lfRf"fsf...[f^-¼,Û,½,í IP fAfhfCEfX,ðŽw'è,μ,Û,·□BfRf"fsf... [f^,ðŽw'è,·,é□é□±,í□A□s,ì□ÄCEã,lfpf%of□[f^,Æ,μ,ÄŽw'è,μ,È,·,è,ì,È,è,Û,¹,ñ□B

Ftp ,ÉŠÖ,·,é□Ú□×□î•ñ



### Ftp fRf}f"fh



### Ftp fRf}f“fh

f wf<fv,đ•\Ž! ,μ,½,č ftp fRf}f“fh,đ'! 'đ,μ,Ä,,¾,¾,¾,č□B

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> <a href="#">Ftp□F !</a>          | <input type="checkbox"/> <a href="#">Ftp□F glob</a>    | <input type="checkbox"/> <a href="#">Ftp□F put</a>     |
| <input type="checkbox"/> <a href="#">Ftp□F ?</a>          | <input type="checkbox"/> <a href="#">Ftp□F hash</a>    | <input type="checkbox"/> <a href="#">Ftp□F pwd</a>     |
| <input type="checkbox"/> <a href="#">Ftp□F append</a>     | <input type="checkbox"/> <a href="#">Ftp□F help</a>    | <input type="checkbox"/> <a href="#">Ftp□F quit</a>    |
| <input type="checkbox"/> <a href="#">Ftp□F ascii</a>      | <input type="checkbox"/> <a href="#">Ftp□F lcd</a>     | <input type="checkbox"/> <a href="#">Ftp□F quote</a>   |
| <input type="checkbox"/> <a href="#">Ftp□F bell</a>       | <input type="checkbox"/> <a href="#">Ftp□F literal</a> | <input type="checkbox"/> <a href="#">Ftp□F recv</a>    |
| <input type="checkbox"/> <a href="#">Ftp□F binary</a>     | <input type="checkbox"/> <a href="#">Ftp□F ls</a>      | <input type="checkbox"/> <a href="#">Ftp□F</a>         |
|   |  | <a href="#">remotehelp</a>                             |
| <input type="checkbox"/> <a href="#">Ftp□F bye</a>        | <input type="checkbox"/> <a href="#">Ftp□F mdelete</a> | <input type="checkbox"/> <a href="#">Ftp□F rename</a>  |
| <input type="checkbox"/> <a href="#">Ftp□F cd</a>         | <input type="checkbox"/> <a href="#">Ftp□F mkdir</a>   | <input type="checkbox"/> <a href="#">Ftp□F rmdir</a>   |
| <input type="checkbox"/> <a href="#">Ftp□F close</a>      | <input type="checkbox"/> <a href="#">Ftp□F mget</a>    | <input type="checkbox"/> <a href="#">Ftp□F send</a>    |
| <input type="checkbox"/> <a href="#">Ftp□F debug</a>      | <input type="checkbox"/> <a href="#">Ftp□F mkdir</a>   | <input type="checkbox"/> <a href="#">Ftp□F status</a>  |
| <input type="checkbox"/> <a href="#">Ftp□F delete</a>     | <input type="checkbox"/> <a href="#">Ftp□F mls</a>     | <input type="checkbox"/> <a href="#">Ftp□F trace</a>   |
| <input type="checkbox"/> <a href="#">Ftp□F dir</a>        | <input type="checkbox"/> <a href="#">Ftp□F mput</a>    | <input type="checkbox"/> <a href="#">Ftp□F type</a>    |
| <input type="checkbox"/> <a href="#">Ftp□F disconnect</a> | <input type="checkbox"/> <a href="#">Ftp□F open</a>    | <input type="checkbox"/> <a href="#">Ftp□F user</a>    |
| <input type="checkbox"/> <a href="#">Ftp□F get</a>        | <input type="checkbox"/> <a href="#">Ftp□F prompt</a>  | <input type="checkbox"/> <a href="#">Ftp□F verbose</a> |



### Ftp□F !

f wf<fv,đ•\Ž! ,μ,½,č ftp fRf}f“fh,đ'! 'đ,μ,Ä,,¾,¾,¾,č□B

! fRf}f“fh

### fpf%of□□[f^

fRf}f“fh

f□□[fjf< fRf“fsf...□[f^ ,ĂŽĂ□s,·,é fRf}f“fh,đŽw'è,μ,Ü,·□B fRf}f“fh,đ□È—<sup>a</sup>,·,é,Æ□A f□□[fjf< fRf}f“fh  
fv□f“fvfg,đ•\Ž! ,μ,Ü,·□B **exit** ,Æ“ü—í,·,é,Æ□A **Aftp** ,É-β,è,Ü,·□B



**Ftp F ?**

**ftp** fRf}f“fh,É,Â,ç,Ä,ìà-¾,ð•\Ž!,μ,Û,·B? ,í **help** ,Æ“~,ŋ,Å,·B

? [fRf}f“fh]

**fpf%of** [f^

fRf}f“fh

à-¾,ð•\Ž!,μ,½,çfRf}f“fh,ì-¼‘O,ðŽw’è,μ,Û,·BfRf}f“fh,ðŽw’è,μ,È,ç,ÆA,·,x,Ä,ìfRf}f“fh,ì^ê—,ð•\Ž!,μ,Û,·B



### Ftp F append

»Ý,ìftf@fCf<,ìŽí—p,ìÝ'è,ðŽg,Á,ÄAf[]ff< ftf@fCf<,ðŠf,[]fg fRf“fsf...[]f^,ìftf@fCf<,É'Ç%Á,μ,Û,·B

**append** f[]ff< ftf@fCf< [fŠf,[]fg ftf@fCf<]

### fpf%o f[]f^

f[]ff< ftf@fCf<

'Ç%Á,·,éf[]ff< ftf@fCf<,ðŽw'è,μ,Û,·B

fŠf,[]fg ftf@fCf<

f[]ff< ftf@fCf<,ª'Ç%Á,<sup>3</sup>,è,éfŠf,[]fg fRf“fsf...[]f^,ìftf@fCf<,ðŽw'è,μ,Û,·BfŠf,[]fg ftf@fCf<,ðÈ—

ª,·,é,ÆAfŠf,[]fg ftf@fCf<-¼,Æ,μ,Äf[]ff< ftf@fCf<-¼,ðŽg,ç,Û,·B



## Ftp ASCII

ftf@fCf<"J'—,ìŽí—p,đ ASCII (Šù'è'l) ,ÉŸ'è,μ,Û,·B

### ascii

'

FTP ,Å,íAASCII ,ÆfofCfifŠ fCf[fW,Æ,ç,× 2 Ží—p,ìftf@fCf<"J'—,²ftf|f[fg,³,è,Û,·BfefLfXfg  
ftf@fCf<,đ"J'—,·,é,Æ,«,É,í ASCII ,đŽg—p,μ,È,¯,ê,î,È,è,Û,¹,ñBbinary ,àŽQÆ,μ,Ä,,¾,³,çB

### ASCII

f,[]fh,Å,íAf|fbfgf[]fN•W€•¶ŽšfZfbfg,Æ,ìŠÔ,Å•¶Žš•İŠ,ªŽÀ[s,³,è,Û,·B,½,Æ,¡,îAf^[]fQfbfg,ìf|fyfCE[]  
[fefBf"fO fvfxfef€,ÉŠî,Ã,«A•K—v,É%ž,¶,Ä[s--•¶Žš,ª,İŠ,³,è,Û,·B



## Ftp F bell

Šeftj@fCf<'J'—fRf}f"fh,Š®—<sup>1</sup>,·,é,½,Ñ,Éfxf<,ª-Â,é,æ,π  
,É∅,è'Ö,!,Ü,·BŠù'è,ìY'è,Å,íAfxf<,íft,É,È,Ä,č,Ü,·B

bell





### Ftp F binary

ftf@fCf<" ]'—, ðž í—p, ðž ofCfifŠ, ÉŸ'è, µ, Ü, ·B

### binary

'

FTP ,Å, íAASCII ,ÆfofCfifŠ fCf [fW,Æ,ç, 2 Ž í—p, ðž ftf@fCf<" ]'—, ðž ftf [fg, è, Ü, ·B ŽÀ s%oÅ\ ftf@fCf<, ðž ]'—, ·, é, Æ, «, É, íAfofCfifŠ, ðž g—p, µ, È, , è, í, È, è, Ü, ðž BfofCfifŠ f, [fh, Å, íAftf@fCf<, í 1 fofCfg, , Å^Ú" @, è, Ü, ·Bascii , ðž QÆE, µ, Ä, , 3/4, ç B



**Ftp F bye**

fŠf. [fg fRf“fsf... [f^,Æ,ì FTP fZfbfVf#f“, ð|—<sup>1</sup>,µ,Ä Aftp , ð|—<sup>1</sup>,µ,Ü, ·B

**bye**



**Ftp F cd**

fŠf, [fg fRf“fsf... [f^, ìŒ» [Y, ì [i < ÆffBfŒfNfgfŠ, ð • ì X, μ, Ü, · [B

**cd** fŠf, [fg fffBfŒfNfgfŠ

**fpf%of [f^**

fŠf, [fg fffBfŒfNfgfŠ

• ì XŒä, ì fŠf, [fg fRf“fsf... [f^, ì fffBfŒfNfgfŠ, ð Žw'è, μ, Ü, · [B



**Ftp F close**

fŠf. [fg fT [fo [./Æ, ì FTP fZfbfVf#f", ð |—<sup>1</sup>, μ, Ä [Afrf}f" fh fCf" f^fvfŠf^, É-β, è, Ü, . [B

**close**



**Ftp F delete**

fŠf. [fg fRf“fsf... [f^ ,)ftf@fCf<,đíœ,μ,Û,·B

**delete** fŠf. [fg ftf@fCf<

**fpf%o**f [f^

fŠf. [fg ftf@fCf<

íœ,·,éftf@fCf<,đŽw'è,μ,Û,·B



### Ftp F debug

fffofbfO<@"\,ðØ,è'Ö,ı,Ü,·BfffofbfO<@"\,³fıf",É,È,Á,Ä,ç,é,Æ AfŠf, [fg fRf"fsf... [f^,É'—  
M,³,è,éŠefRf}f"fh,íAæ"ª,É•¶Žš—ñ ---> ,ð•t, ,Äo—ı,³,è,Ü,·BŠù'è,ıY'è,Ä,íAfffofbfO<@"\  
,ıfıft,É,È,Á,Ä,ç,Ü,·B

### debug



**Ftp F dir**

fŠf. [fg fffBfĀfNfgfŠ, \ftf@fCf<, ÆfTfuuffBfĀfNfgfŠ, î^ê—, ð•\Ž!, μ, Û, ·B

**dir** [fŠf, [fg fffBfĀfNfgfŠ] [f [ [fj< ftf@fCf<]

**fpf%of [f^**

fŠf. [fg fffBfĀfNfgfŠ

^ê—•\Ž!, ·, éffBfĀfNfgfŠ, Û, ½, \ftf@fCf<, ðŽw'è, μ, Û, ·BŽw'è, μ, È, ç, Æ AfŠf, [fg fRf“fsf...

[f^, ìĀ»Ÿ, ìŽÀsŽž, \ftf@fCf<, ðŽg, ç, Û, ·B

f [ [fj< ftf@fCf<

^ê—, ðŠi“[. ·, éf [ [fj< ftf@fCf<, ðŽw'è, μ, Û, ·Bftf@fCf<, ðŽw'è, μ, È, ç, Æ A o—í, ð%æ-Ê, É•\Ž!, μ, Û, ·B



## **Ftp F disconnect**

**ftp** fvf f"fvfg,đŽc,μ,½,Ü,Ü AfŠf, [fg fRf"fsf... [f^, ©, ç Ø'f, μ, Ü, · B

**disconnect**





### Ftp F get

»Ý,lf@fCf<“]’—,iŽí—p,đŽg,Á,ÄAfŠf,fg ft@fCf<,đf[]ff< fRf“fsf...f^,ÉfRfs[μ,Ü,·B

**get** fŠf,fg ft@fCf< [f[]ff< ft@fCf<]

**fpf%o**f[]f^

fŠf,fg ft@fCf<

fRfs[.,,éfŠf,fg ft@fCf<,đŽw’è,μ,Ü,·B

f[]ff< ft@fCf<

f[]ff< fRf“fsf...f^,Žg—p,μ,½,č-¼’O,đŽw’è,μ,Ü,·B-¼’O,đŽw’è,μ,È,č

,ÆAf@fCf<,É,ífŠf,fgft@fCf<-¼,Žg—p,<sup>3</sup>,è,Ü,·B



### Ftp F glob

ftf@fCf<-¼,ì globbing ,ð∅,è'Ö,!,Ü,·Bglobbing ,É,æ,èAf□□[fff< ftf@fCf<,Ü,½,ÍpfX-¼,Éf□fCf<fhj□[fh•¶Žš,ǎŽg,!,Ü,·BSù'è,ìÝ'è,Å,í□Aglobbing ,Íf" ,É,É,Á,Ä,ç,Ü,·□B

### glob



### Ftp hash

" ]' —, ³, è, éff [f^ fuf [fbfN, ², Æ, ìfnfbfVf... <L [t (#) , ì [o— í <@" \, ð [Ø, è' Ö, ì, Ü, · [Bff [f^ fuf [fbfN, ìfTfCfY, ì  
2048 fofCfg, Å, · [BŠù' è, ì [Y' è, Å, ì [AfnfbfVf... <L [t, ì [o— í <@" \, ìfìft, É, È, Á, Å, †, Ü, · [B

### hash



**Ftp F help**

**ftp** fRf}f“fh,ìà-¾,ð•\Ž!,μ,Û,·B

**help** [fRf}f“fh]

**fpf%of** [f^

fRf}f“fh

à-¾,ð•\Ž!,μ,½,çfRf}f“fh,ì-¼‘O,ðŽw’è,μ,Û,·BfRf}f“fh,ðŽw’è,μ,È,ç,ÆA,·,x,Ä,ìfRf}f“fh,ì^ê—,ð•\Ž!,μ,Û,·B



### Ftp F lcd

f [f]f< fRf"fsf... [f^, ì<ÆfffBfCEfNfgfŠ, ð•ïX, μ, Ü, ·BŠù'è, ìY'è, Å, íAftp  
, ðŠJŽn, μ, ½fffBfCEfNfgfŠ, ¢A<ÆfffBfCEfNfgfŠ, Å, ·B

lcd [fffBfCEfNfgfŠ]

### fpf%of [f^

fffBfCEfNfgfŠ

f [f]f< fRf"fsf... [f^, Å•ïX, μ, ½, ¢fffBfCEfNfgfŠ, ðŽw'è, μ, Ü, ·BfffBfCEfNfgfŠ, ðŽw'è, μ, È, ¢, ÆAf [f]f<  
fRf"fsf... [f^, ì»Y, ì<ÆfffBfCEfNfgfŠ, ¢Žg, í, è, Ü, ·B



**Ftp F literal**

^ø",đ•iX<sup>1</sup>,„,É,»,ì,Ü,ÜfŠf,[]fg FTP fT[]fo[],É'—M,μ,Ü,·B-ß,è'l,Æ,μ,ÄA'P^è,ì FTP •ÔMfR[]fh,<sup>a</sup>—\ Šú,<sup>3</sup>,è,Ü,·B

**literal** ^ø" [...]

**fpf%of[]f^**

^ø"

FTP fT[]fo[],É'—M,·,é^ø",đžw'è,μ,Ü,·B



**Ftp F Is**

fŠf. [fg fffBfCefNfgfŠ, \ftf@fCf<, ÆfTfuuffBfCefNfgfŠ, \È—ªC` , ^è—, ð•\Ž!, µ, Ü, ·B

Is [fŠf, [fg fffBfCefNfgfŠ] [f [ffj< ftf@fCf<]

**fpf%of [f^**

fŠf. [fg fffBfCefNfgfŠ

^è—, ð•\Ž!, µ, ½, çffBfCefNfgfŠ, Ü, ½, \ftf@fCf<, ðŽw'è, µ, Ü, ·BŽw'è, µ, È, ç, ÆAfŠf, [fg fRf“fsf...

[f^, \È»Y, \ŽÀsŽžffBfCefNfgfŠ, ªŽg, í, è, Ü, ·B

f [ffj< ftf@fCf<

^è—, ðŠi“[., éf [ffj< ftf@fCf<, ðŽw'è, µ, Ü, ·BŽw'è, µ, È, ç, ÆA o—Í, ð%æ-È, É•\Ž!, µ, Ü, ·B



### Ftp F delete

fŠf, [fg fRf“fsf... [f^, )• ;” , lftf@fCf<, ðííœ, μ, Ü, · B **mdelete** , Å, í A • ; ” , lftf@fCf<, ðŽw’è, Å, «, Ü, · B  
**mdelete** fŠf, [fg ftf@fCf< [...]

### fpf%of [f^

fŠf, [fg ftf@fCf<

ííœ, ·, éfŠf, [fg ftf@fCf<, ðŽw’è, μ, Ü, · B





### Ftp F mdir

fŠf, [fg fffBfCefNfgfŠ, \ftf@fCf<, ÆfTfufffBfCefNfgfŠ, î^ê—, ð•\Ž!, µ, Û, ·Bmdir  
, Ā, íA•;□", ìfffBfCefNfgfŠ, Û, ½, \ftf@fCf<, ðŽw'è, Ā, «, Û, ·B

mdir fŠf, [fg ftf@fCf< [...] f□□[ffj< ftf@fCf<

### fpf%of□□[f^

fŠf, [fg ftf@fCf<

^ê—•\Ž!, ·, éfffBfCefNfgfŠ, Û, ½, \ftf@fCf<, ðŽw'è, µ, Û, ·BfŠf, [fgftf@fCf<, íŽw'è, µ, È, ¯, ê, î, È, è, Û, ¹, ñB- , ð“ü  
—í, ·, é, ÆA fŠf, [fg fRf“fsf... [f^, ìE»□Ý, ìŽÀ□sŽž, ìfffBfCefNfgfŠ, ðŽg—p, µ, Û, ·B

f□□[ffj< ftf@fCf<

^ê—, ðŠi“[·, ·, éf□□[ffj< ftf@fCf<, ðŽw'è, µ, Û, ·B- , ð“ü—í, ·, é, ÆA^ê—, ð%œ—Ê, Ê•\Ž!, µ, Û, ·B



### Ftp F mget

»Ý, \ftf@fCf<“]’—, iŽí—p, ðŽg, Á, ÄA•;“ , iŝf, [fg ftf@fCf<, ðf [fjf< fRf“fsf... [f^, ÉfRfs [., μ, Ü, ·B **mget**  
, Ä, íA•;“ , \ftf@fCf<, ðŽw’è, Ä, «, Ü, ·B

**mget** fŝf, [fg ftf@fCf< [...]

### fpf%of [f^

fŝf, [fg ftf@fCf<

f [fjf< fRf“fsf... [f^, ÉfRfs [., ·, éŝf, [fg ftf@fCf<, ðŽw’è, μ, Ü, ·B



### **Ftp F mkdir**

fšf. [fg fffBfĀfNfgfš, ði - , μ, Ū, · B

**mkdir** fffBfĀfNfgfš

**fpf%of [f^**

fffBfĀfNfgfš

V, μ, †fšf. [fg fffBfĀfNfgfš, ð-¼' O, ðŽw'è, μ, Ū, · B



**Ftp F mls**

fŠf, [fg fffBfCEfNfgfŠ, \ftf@fCf<, ÆfTfuuffBfCEfNfgfŠ, \È—ªCE` , ì^è—, ð•\Ž!, μ, Û, ·B mls  
, Å, íA• ;□", \fffBfCEfNfgfŠ, Û, ½, \ftf@fCf<, ðŽw'è, Å, «, Û, ·B

**mls** fŠf, [fg ftf@fCf< [...] f□□[ffj< ftf@fCf<

**fpf%of□□[f^**

fŠf, [fg ftf@fCf<

^è—•\Ž!, ·, éfffBfCEfNfgfŠ, Û, ½, \ftf@fCf<, ðŽw'è, μ, Û, ·B fŠf, [fg ftf@fCf<, ÍŽw'è, μ, È, ¯, ê, î, Ê, è, Û, ¯, ñB-  
, ð"ü—í, ·, é, ÆA fŠf, [fg fRf"fsf... [f^ , ìCE»Y, ÌŽÀ□sŽž, \fffBfCEfNfgfŠ, ªŽg, í, ê, Û, ·B

f□□[ffj< ftf@fCf<

^è—, ðŠi"l, ·, éf□□[ffj< ftf@fCf<, ðŽw'è, μ, Û, ·B- , ð"ü—í, ·, é, ÆA ^è—, ð%œ—Ê, Ê•\Ž!, μ, Û, ·B



### Ftp F mput

«»Ý, \ftf@fCf<“]’—, iŽí—p, đŽg, Á, ÄA•; □”, \f□□[fjf< ftf@fCf<, đfŠf, □[fg fRf“fsf...□[f^, ÉfRfs□[μ, Ü, ·□B **mput**  
, Ä, í□A•; □”, \ftf@fCf<, đŽw’è, Ä, «, Ü, ·□B

**mput** f□□[fjf< ftf@fCf< [...]

### fpf%of□□[f^

f□□[fjf< ftf@fCf<

fŠf, □[fg fRf“fsf...□[f^, ÉfRfs□[, ·, éf□□[fjf< ftf@fCf<, đŽw’è, μ, Ü, ·□B



### Ftp F open

Žw'è,μ,½ FTP fT[fO[f,ÉÚ'±,μ,Ü,·B

open fRf"fsf...[f^ [f[fG]

fpf%of[f^

fRf"fsf...[f^

Ú'±æ,Æ,È,éfŠf,[fg fRf"fsf...[f^,đŽw'è,μ,Ü,·BfRf"fsf...[f^,í IP fAfhfCEfX,Ü,½,ÍfRf"fsf...[f^-  
¼,ÅŽw'è,Å,«,Ü,· (DNS ,Ü,½,Í HOSTS ftf@fCf<,đ-~—p%oÅ"\,É,μ,È,¯,ê,Î,È,è,Ü,<sup>1</sup>,ñ)BŽ© "®f[fOfCf"<@"\  
,əfJf" (Šù'è'l) ,É,È,Á,Ä,ç,é,ÆAFTP ,íAFTP fT[fO[f,ÉA,<sup>3</sup>,ç,Éft[fU[f,đŽ© "®"l,Éf[fOfCf",<sup>3</sup>,<sup>1</sup>,æ,π  
,Æ,μ,Ü,· (Ž© "®f[fOfCf",đ-<sup>3</sup>CEø,É,·,é•ú-@,É,Å,ç,Ä,íAFtp ,đŽQÆ,μ,Ä,,¾,<sup>3</sup>,ç)B

f[fG

FTP fT[fO[f,Ö,ìÚ'±,ÉŽg,πf[fG"Ôt,đŽw'è,μ,Ü,·B



### Ftp F prompt

f v f f " f v f g < @ " \ , ð Ø , è ' Ö , ¡ , Ü , · B • ; " f t f @ f C f < , ì " ] ' — Ž ž , É , Í A f t f @ f C f < , ð ' I ' ð , µ , Ä Ž æ , è o , · , © Š i " [ , Å , « , é , æ , x , É A f t p , É , æ , è f v f f " f v f g , ð • \ Ž ¡ , ð , è , Ü , · B f v f f " f v f g < @ " \ , ð f l f t , É , È , Á , Ä , ç , é , Æ A m g e t , Æ m p u t , É , æ , è , · , x , Ä , ð f t f @ f C f < , ð " ] ' — , µ , Ü , · B Š ù ' è , ì Ý ' è , Å , Í A f v f f " f v f g < @ " \ , ð f l f " , É , È , Á , Ä , ç , Ü , · B

### prompt



### Ftp F put

«»Ý,|ftf@fCf<' ]'—,|ží—p,đŽg,Á,ÄAf[]fjf< ftf@fCf<,đfŠf,[]fg fRf''fsf...[]f^,ÉfRfs[][,μ,Ü,·[]B

**put** f[][]fjf< ftf@fCf< [fŠf,[]fg ftf@fCf<]

**fpf%o**f[][]f^

f[][]fjf< ftf@fCf<

fRfs[][,·,éf[][]fjf< ftf@fCf<,đŽw'è,μ,Ü,·[]B

fŠf,[]fg ftf@fCf<

fŠf,[]fg fRf''fsf...[]f^,ÅŽg,α-¼'O,đŽw'è,μ,Ü,·[]BŽw'è,μ,È,¢,Æ[]Aftf@fCf<,É,Íf[][]fjf< ftf@fCf<-¼,đŽg—  
p,μ,Ü,·[]B





**Ftp F pwd**

fŠf. [fg fRf“fsf... [f^, ìCE» Ý, ìffBfCEfNfgfŠ, ð•\Ž!, μ, Ü, ·B

**pwd**



### Ftp F quit

fŠf. [fg fRf“fsf... [f^ ,Æ, ì FTP fZfbfVf#f“, ð|—<sup>1</sup>, μ, Ä **ftp**, ð|—<sup>1</sup>, μ, Ü, : B**quit**, í **bye**, Æ“<sup>~</sup>, ¶, Å, : B  
**quit**



**Ftp F quote**

^ø",đ•iX<sup>1</sup>,,É,»,ì,Û,ÜfŠf,[]fg FTP fT[]fo[],É'—M,μ,Û,·B-ß,è'l,Æ,μ,ÄA'P^è,ì FTP •ÔMfR[]fh,<sup>a</sup>—\ Šú,<sup>3</sup>,è,Û,·B**quote**,í **literal**,Æ"~,¶,Å,·B

**quote** ^ø" [...]

**fpf%of[]f^**

^ø"

FTP fT[]fo[],É'—M,·,é^ø",đŽw'è,μ,Û,·B



### Ftp F recv

»Ý, \ftf@fCf<“]’—, iŽí—p, ðŽg, Á, Ä AfŠf, [fg ftf@fCf<, ðf [ff< fRf“fsf... [f^, ÉfRfs [μ, Ü, · Brecv , í get  
, Æ“ ^, ¶, Å, · B

recv fŠf, [fg ftf@fCf< [f [ff< ftf@fCf<]

### fpf%of [f^

fŠf, [fg ftf@fCf<

fRfs [., éfŠf, [fg ftf@fCf<, ðŽw’è, μ, Ü, · B

f [ff< ftf@fCf<

f [ff< fRf“fsf... [f^, ÅŽg, x-¼’O, ðŽw’è, μ, Ü, · BŽw’è, μ, È, ç, Æ AfTf@fCf<, É, ífŠf, [fg ftf@fCf<-¼, ðŽg—  
p, μ, Ü, · B



**Ftp F remotehelp**

fšf. [fg fRf}f“fh, ìfwf<fv, ð•\Žì, μ, Ü, ·□B

**remotehelp** [fRf}f“fh]

**fpf%of□□[f^**

fRf}f“fh

fwf<fv, ð•\Žì, ·, éfRf}f“fh, ì-¼'O, ðŽw'è, μ, Ü, ·□BŽw'è, μ, È, ç, Æ□A, ·, x, Ä, ìšf, □[fg fRf}f“fh, ì^è—, ð•\Žì, μ, Ü, ·□B



### Ftp F rename

fšf. [fg ftj@fCf<,i-¼'O,đ•ïX,μ,Û,·B

**rename** ftj@fCf<-¼ 1 ftj@fCf<-¼ 2

**fpf%of [f^**

ftj@fCf<-¼ 1

-¼'O,đ•ïX,·,éftj@fCf<,đŽw'è,μ,Û,·B

ftj@fCf<-¼ 2

V,μ,†ftj@fCf<-¼,đŽw'è,μ,Û,·B



**Ftp F rmdir**

fšf. [fg fffBfĀfNfgfš, ðíĀœ, µ, Ū, ·ĀB

**rmdir** fffBfĀfNfgfš

**fpf%of [f^**

fffBfĀfNfgfš

íĀœ, ·, éfšf. [fg fffBfĀfNfgfš, ð-¼'O, ðžw'è, µ, Ū, ·ĀB



**Ftp F send**

Œ»Ÿ,lf@fCf<"]'—,iŽí—p,ðŽg,Á,ÄAf[f]f< ft@fCf<,ðfŠf,[]fg fRf"fsf...[]f^,ÉfRfs[],μ,Ü,·B**send** ,í  
**put** ,Æ"˘,¶,Ä,·B

**send** f[]f]f< ft@fCf< [fŠf,[]fg ft@fCf<]

**fpf%of[]f^**

f[]f]f< ft@fCf<

fRfs[],·,é f[]f]f< ft@fCf<,ðŽw'è,μ,Ü,·B

fŠf,[]fg ft@fCf<

fŠf,[]fg fRf"fsf...[]f^,ÅŽg,π-¼'O,ðŽw'è,μ,Ü,·BŽw'è,μ,È,ç,ÆAf@fCf<,É,Íf[]f]f< ft@fCf<-¼,ðŽg—  
p,μ,Ü,·B





### **Ftp F status**

FTP Ú'±,Æ∅,è'Ö,}fRf}f"fh,ìŒ»Ý,ìó'Ô,ð•Ž!,μ,Û,·B

**status**



## Ftp F trace

fjPfbfg fgfCE[fX<@"\,ðØ,è'Ö,!,Ü,·Bftp fRf}f"fh,ðŽÄs,·,é,ÆAtrace ,É,æ,èŠefjPfbfg,lf<[fg,ð\ Ž!,μ,Ü,·B

trace



**Ftp F type**

ftf@fCf<"J'—,ìŽí—p,ðŸ'è,Û,½,í•\Ž!,μ,Û,·B

**type** [Ží—p]

**fpf%of** [f^

Ží—p

ftf@fCf<"J'—,ìŽí—p,ðŽw'è,μ,Û,·BŠù'è,ìŸ'è,Å,í ASCII ,Å,·BŽw'è,μ,È,ç,ÆACE»Ÿ,ìŽí—p,ð•\Ž!,μ,Û,·B

'

FTP ,Å,íAASCII ,ÆfofCfifŠ fCf [fW,Æ,ç, 2 Ží—p,ìftf@fCf<"J'—,²fTf [fg,³,è,Û,·B

feLfxfg ftf@fCf<,ð"J'—,·,é,Æ,«,É,íAASCII ,ðŽg,í,È,·,è,í,È,è,Û,¹,ñBASCII

f, [fh,Å,íAfbfjgf [fN•W [€•ŸŽšfZfbfg,Æ,ìŠÖ,Å•ŸŽš•íŠ,²ŽÅ [s,³,è,Û,·B,½,Æ,!,íA"J'—

æ,ìfjfyf [efBj"fo fVfXfef€,ÉŠ!,Å,«A•K—v,É%ž,Ÿ,Ä [s--•ŸŽš,²•íŠ,³,è,Û,·B

ŽÅ [s%Å"ftf@fCf<,ð"J'—,·,é,Æ,«,É,íAfofCfifŠ,ðŽg,í,È,·,è,í,È,è,Û,¹,ñBfofCfifŠ

f, [fh,Å,íAftf@fCf<,í 1 fofCfg, ,Å^Ú"®,³,è,Û,·B

**ŠÖ~A [€-Ú**

ascii

binary



**Ftp F user**

fŠf. [fg fRf"fsf... [f^ ,É'í,μ,Äft [fU [ ,đŽw'è,μ,Ü, ·B

**user** ft [fU [-¼ [fpfXf [fh] [fAjjfEf"fg]

**fpf%o f [f^**

ft [fU [-¼

fŠf. [fg fRf"fsf... [f^ ,Ö, ìf [fOfCf" ,ÉŽg, pf [fU [-¼, đŽw'è,μ,Ü, ·B

fpfXf [fh

ft [fU [-¼, ìfpfXf [fh, đŽw'è,μ,Ü, ·B Žw'è,μ,È,ç, Æ [fAfpfXf [fh, ì"ü—í, đ<ç, ß, éf [fbfZ [fW, đ•\Ž!,μ,Ü, ·B

fAjjfEf"fg

fŠf. [fg fRf"fsf... [f^ ,Ö, ìf [fOfif" ,ÉŽg, pfAjjfEf"fg, đŽw'è,μ,Ü, ·B Žw'è,μ,È,ç, Æ [fA•K—v, É

%ž, ¶, ÄfAjjfEf"fg, ì"ü—í, đ<ç, ß, éf [fbfZ [fW, đ•\Ž!,μ,Ü, ·B



## Ftp F verbose

Ú×f,[fh,ðØ,è'Ö,|,Ü,·BÚ×f,[fh,³f|",É,È,Á,Ä,ç,é,ÆAftp,ì%ž"š,ð,·,×,Ä·Ž!,μ,Ü,·Bftf@fCf<"']'—  
,³Š®—¹,·,é,ÆA"']'—Æø—|,ÉŠÖ,·,é"Æv[]î•ñ,à·Ž!,³,è,Ü,·BŠù'è,ìÝ'è,Å,ÍA,±,ìf,[fh,í|f",É,È,Á,Ä,ç  
,Ü,·B

**verbose**



### Hostname

☞ » Ý, òRf“fsf... [f^ (fzfXfg) , ò-¼'O, ðo—Í, µ, Ü, ·B, ±, òRf}f“fh, í TCP/IP fvf[]fgfRf<, ðfCf“fXfg[]f<, ð, ê, Ä, ç, é[]ê[]‡, ò, Ý—L☞ø, Å, ·B

### hostname





### Lpq

,±,ì□f'fft□[fefBfŠfefB,í□ALPD fT□[fo□[ ,đŽÀ□s,·,éfRf“fsf...□[f^□ã,Å,ì^ó□üfLf...  
□[ ,ífXfe□[f^fX,đ“¾,é,½,ß,ÉŽg—p,μ,Û,·□B

**lpq -S** fT□[fo□[ **-P** fvfŠf“f^ [-I]

**fpf%of□[f^**

**-S** fT□[fo□[

fvfŠf“f^ ,ª□Ú'±,³,ê,Ä,ç,éfRf“fsf...□[f^,ì-¼'O,đŽw'è,μ,Û,·□B

**-P** fvfŠf“f^

fLf...□[ ,É'í%ž,·,éfvfŠf“f^ ,ì-¼'O,đŽw'è,μ,Û,·□B

**-I**

□Ú□x,ÈfXfe□[f^fX,ª—^,ì,ç,ê,é,æ,žw'è,μ,Û,·□B





**Lpr**

,±,ìÚ'±ft[fefBfŠfefB,íALPD fT[fo[,ðŽÀs,;éRf"fsf...[f^,Éftf@fCf<,ð^óü,;é,½,ß,ÉŽg—p,μ,Ü,·B

**lpr -S** fT[fo[ **-P** fvfŠf"f^ **[-C** fNf%oFX] **[-J** fWf#fu-¼] **[-O** flfvfVf#f"'] ftf@fCf<-¼

**fpf%of**[f^

**-S** fT[fo[

fvfŠf"f^,ªÚ'±,³,ê,Ä,ç,éRf"fsf...[f^,ì-¼'O A,Ü,½,í IP fAfhfÆfX,ðŽw'è,μ,Ü,·B

**-P** fvfŠf"f^

—v<,³,ê,½fLf...[,ìfvfŠf"f^ -¼,ðŽw'è,μ,Ü,·B

**-C** fNf%ofX

ŠY" -fNf%ofX,ì banner fy[fW,ì"à—e,ðŽw'è,μ,Ü,·B

**-J** fWf#fu-¼

,±,ì^óüfWf#fu,ì-¼'O,ðŽw'è,μ,Ü,·B

**-O** flfvfVf#f"

ftf@fCf<,ìŽí—p,ðŽ,μ,Ü,·BŠù'è,ìÝ'è,ìfefLfXfg ftf@fCf<,Å,·BfofCfifŠ ftf@fCf< (,½,Æ,ì,Î PostScript)

,É,íA-**OI** (□→•¶Žš,ì **L**) ,ðŽg—p,μ,Ü,·B

ftf@fCf<-¼

^óü'íÚftf@fCf<,ì-¼'O,ðŽw'è,μ,Ü,·B



### Nbtstat

, ±, í f' fRf} f' fh, í fvf ffgfRf<, í " CEv í•ñ, Æ ANBT (TCP/IP ä, ì NetBIOS) , ðŽg, xCE »Ý, ì TCP/IP Ú' ±, ð•\ Ž!, µ, Ü, · B, ±, í fRf} f' fh, í TCP/IP fvf ffgfRf<, ðfCf' fXfg í f<, ð, ê, Ä, ç, é, é ê, í, Ý—LCEø, Ä, · B

**nbtstat [-a fŠf, í ffg-¼] [-A IP fAfhfCEfX] [-c] [-n] [-R] [-r] [-S] [-s] [ŠÔŠu]**

#### fpf%of í f^

**-a** fŠf, í ffg-¼

Žw'è, µ, ½ fŠf, í ffg-¼, ðŽg, Ä, Ä fŠf, í ffg fRf' fsf... í f^, ì-¼' Ofe í fuf<, ì ê—, ð•\ Ž!, µ, Ü, · B

**-A** IP fAfhfCEfX

Žw'è, µ, ½ IP fAfhfCEfX, ðŽg, Ä, Ä AfŠf, í ffg fRf' fsf... í f^, ì-¼' Ofe í fuf<, ì ê—, ð•\ Ž!, µ, Ü, · B

**-c**

Še-¼' O, ì IP fAfhfCEfX, ð' ñ< Ÿ, ·, é NetBIOS -¼ fLfffbfVf..., ì " à—e, ð^ ê—, ·\ Ž!, µ, Ü, · B

**-n**

f í f f f NetBIOS -¼, ì ê—, ð•\ Ž!, µ, Ü, · B "Registered" , í Afuf í f f f f Xfg (Bnode) , Ü, ½, í WINS (•É, í f m í f h CE^ ) , É, æ, è, » , ì-¼' O, í " o ~ ^ , ð, ê, Ä, ç, é, ±, Æ, ð•\ µ, Ü, · B

**-R**

NetBIOS -¼ fLfffbfVf..., ©, ç, ·, x, Ä, ì-¼' O, ðŽæ, è, ç, ½ CEä, Ä ALMHOSTS ftf@fCf<, ð Ä " Ç, Ý Žæ, è, µ, Ü, · B

**-r**

Windows f f b f g f í f N, ì-¼' O % ð CE ^ " CEv í•ñ, ì ê—, ð•\ Ž!, µ, Ü, · B WINS , ðŽg—p, ·, é, æ, x, É \ \ - , ð, ½ Windows NT fRf' fsf... í f^ , Ä, í A, ±, í f f v f v f f " , í Afuf í f f f f Xfg, Ü, ½, í WINS , ð% ò î, µ, Ä % ð CE ^ , µ, ½-¼' O, ·, æ, Ñ " o ~ ^ , µ, ½-¼' O, ì " , ð•\ Ö, µ, Ü, · B

**-S**

IP fAfhfCEfX, ì, Ý, É, æ, é f Šf, í ffg fRf' fsf... í f^ , ð^ ê—, ·\ Ž!, µ, Ä AfNf%ofCfAf' fg, ·, æ, Ñ f T í fo í f Z f b f v f f " , ì-¼' O, ð•\ Ž!, µ, Ü, · B

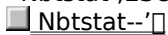
**-s**

fNf%ofCfAf' fg, ·, æ, Ñ f T í fo í f Z f b f v f f " , ì-¼' O, ð•\ Ž!, µ, Ü, · B f Šf, í ffg fRf' fsf... í f^ , ì IP fAfhfCEfX, ð HOSTS ftf@fCf<, ðŽg, Ä, Ä -¼' O, É, í Š, µ, æ, x, Æ, µ, Ü, · B

ŠÔŠu

Žw'è, µ, ½ • b ŠÔŠu, Ä A' l' ð, µ, ½ " CEv í•ñ, ð Ä • Ž!, µ, Ü, · B " CEv í•ñ, ì Ä • Ž!, ð' à Ž~, ·, é, É, í A Ctrl + C f l [ , ð% ò Ÿ, µ, Ü, · B, ±, í f p f % o f í f ^ , a É — a , ð, ê, é, Æ ANbtstat , í ACE » Ý, ì \ í - í • ñ, ð^ ê " x, ¾, ^ ó ü, µ, Ü, · B

Nbtstat , É Š Ö, ·, é Ú Ú × í•ñ



Nbtstat--' í



### Nbtstat--'

**nbtstat** f f [f e f B f S f e f B, É, æ, è, ì, ñ, ò, ÷, è, ½ f w f b f \_ [ — “, É, Í, A Ž Ÿ, ì ^ Ó - i, a, , è, Ü, · B

#### Input

Ž ó M f o f C f g “ ” B

#### Output

‘ — M f o f C f g “ ” B

#### In/Out

Ú ±, í A, ±, ì f R f “ f s f ... [ f ^ ( “ M ) , ©, ç, È, ì, © A, Ü, ½, í • È, ì f V f X f e f € , ©, ç f [ [ f f < f R f “ f s f ... [ f ^ ( ‘ ... M ) , Ö, È, ì, ©, ð Ž !, µ, Ü, · B

#### Life

-¼ ‘ O f e [ f u f < f l f f f b f v f ... f G f “ f g f Š, a Ž æ, è, ò e, ©, è, é, Ü, Å, ì Ž c, è Ž Ž Š Ö B

#### Local Name

Ú ±, É Š Ö ~ A • t, , ç, è, ½ f [ [ f f f < N e t B I O S - ¼ B

#### Remote Host

f Š f, [ f g f R f “ f s f ... [ f ^ , É Š Ö ~ A • t, , ç, è, ½ - ¼ ‘ O, Ü, ½, í I P f A f h f C e f X B

#### Type

-¼ ‘ O, ì Ž í — p, ð Ž !, µ, Ü, · B - ¼ ‘ O, í A ^ è ^ Ó - ¼ (unique name) , © f O f < [ f v - ¼ (group name) , ì, ç, , è, ©, Å, · B

#### <03>

Š e N e t B I O S - ¼, ì ‘, , í 16 • ¶ Ž Š, Å, · B 1 , Å, ì f R f “ f s f ... [ f ^ , Å A A Å C E ä, ì f o f C f g ^ È Š Ö, í “ , ¶ - ¼ ‘ O, a • i “ “ ¶ Y, , é, ± , Æ, a, , é, ì, Å A A Å C E ä, ì f o f C f g, a [ d — v, È ^ Ó - i, ð Ž [ , ÷, Ü, · B, ±, ì • \ < L, í A A Å C E ä, ì f o f C f g, ð ‘ P [ f, É 16 [ i • \ < L, É • Ī Š, µ, ½, à, ì, Å, · B, ½, Æ, ì, í A < 20 > , í A S C I I • ¶ Ž Š, ì < ó “ “ , Å, · B

#### State

N e t B I O S Ú ±, ì [ ó ‘ Ö B [ ó ‘ Ö, É, ì Ž Ÿ, ì, æ, æ, È, à, ì, a, , è, Ü, · B

ó ‘ Ö	^ Ó - i
Connected	f Z f b f v f f f “ , a Š m — š, , è, Ä, ç, Ü, · B
Associated	Ú ± ‘ [ “ _ (endpoint) , a [ ì [ — , è A I P f A f h f C e f X, Æ Š Ö ~ A • t, , ç, è, Ä, ç, Ü, · B
Listening	‘ [ “ _ , ð Ž ó M (inbound) Ú ±, ì, ½, Æ, È — ~ — p, , é, ±, Æ, a, Å, «, Ü, · B
Idle	‘ [ “ _ , í Š, ©, è, Ä, ç , Ü, , a A Ú ± , ð Ž ó, ~ Ž æ, é, ± , Æ, í, Å, «, Ü, , ñ B
Connecting	f Z f b f v f f f “ , í Ú ± ‘ i Š K, Å, · B ‘ — M [ æ - ¼, ©, ç I P f A f h f C e f X, Ö, ì f } f b f s f “ f O, í % o ð C E ^ , è, Å, Å, , è, Ü, · B

B

Accepting	<p>         »ŸAŽóMfZfbfVfjf          “,Žó,“ü,ç,è,Ä,“èA,          Ü,à,È,Ú’±,è,Ü,·B       </p>
Reconnecting	<p>         »ŸAŽóMfZfbfVfjf          “,Žó,“ü,ç,è,Ä,“èA,          Ü,à,È,Ú’±,è,Ü,·B       </p>
Outbound	<p>         »ŸATCP Ú’±          ,èiç,è,Ä,“èAfZfbf          Vfjf“,Ú’±iŠK,É,è,Ü,          ·B       </p>
Inbound	<p>         ŽóMfZfbfVfjf“,Ú’±’          iŠK,É,è,Ü,·B       </p>
Disconnecting	<p>         fZfbfVfjf“,íØ’fŽè’±          ,«t,Ä,·B       </p>
Disconnected	<p>         f[]fjç fRf“fsf...          []f^,èØ’f,iŽwŽ!,ð”-          []s,μAfŠf,[]fg fVfXfef€          ,©,ç,İšm”F,ð’Ò,Ä,Ä,ç          ,Ü,·B       </p>

Nbtstat ,ÉŠÖ,·,éÚ×î•ñ

 Nbtstat



### Netstat

fvf[]fgfRf<,ì"[]CEv[]î•ñ,ÆCE»[]Ý,ì TCP/IP flfbfgf[]fN[]Ú'±,ð•\Ž!,μ,Ü,·[]B,±,ìfRf}f"fh,í TCP/IP  
fvf[]fgfRf<,²fCf"fXfg[]f<,³,ê,Ä,ç,é[]ê[]#,ì,Ý—LCEø,Ä,·[]B

**netstat [-a] [-e] [-n] [-s] [-p fvf[]fgfRf<] [-r] [ŠŌŠu]**

**fpf%of[]f^**

**-a**

,,x,Ä,ì[]Ú'±,,æ,Ñ'®Žæ (listening) f[]f[]g,ð•\Ž!,μ,Ü,·[]B'Êí,í[]AfT[]fo[]Ú'±,ð•\Ž!,μ,Ü,¹,ñ[]B

**-e**

fC[]fTf[]fbfg,ì"[]CEv[]î•ñ,ð•\Ž!,μ,Ü,·[]B,±,ìfpf%of[]f^,í **-s** flfvfVf#f",Æ'g,Ý[]#,í,¹,ç,ê,Ü,·[]B

**-n**

fAfhf[]CEfX,Æf[]f[]g"Ô[]t,ð"[]'I[]'Ž®,Ä (-¼'O,ðCEŸ[]ð,μ,æ,α,Æ,¹,,É) •\Ž!,μ,Ü,·[]B

**-s**

fvf[]fgfRf<,²,Æ,ì"[]CEv[]î•ñ,ð•\Ž!,μ,Ü,·[]BŠù'è,ì[]Ý'è,Ä,í[]ATCP[]AUDP[]AICMP[]A,,æ,Ñ IP  
,ÉŠŌ,,é"[]CEv[]î•ñ,ð•\Ž!,μ,Ü,·[]B**-p** flfvfVf#f",ðŽg,α,Æ[]AŠù'è,ìfTf[]fbfg,ðŽw'è,Ä,«,Ü,·[]B

**-p fvf[]fgfRf<**

Žw'è,μ,½fvf[]fgfRf<,ì[]Ú'±,ð•\Ž!,μ,Ü,·[]Bfvf[]fgfRf<,Æ,μ,Ä **tcp** ,Ü,½,í **udp** ,ðŽw'è,Ä,«,Ü,·[]B**-s**  
flfvfVf#f",Æ,Æ,à,ÉŽg,Ä,Ä[]Af[]v[]f[]fgfRf<,²,Æ,ì"[]CEv[]î•ñ,ð•\Ž!,,é[]ê[]#,í[]Af[]v[]f[]fgfRf<,Æ,μ,Ä  
**tcp[]Audp[]Aicmp[]A**,Ü,½,í **ip** ,ðŽw'è,Ä,«,Ü,·[]B

**-r**

f<[]f[]efBf"fO fe[]f[]uf<,ì"à—e,ð•\Ž!,μ,Ü,·[]B

ŠŌŠu

Žw'è,μ,½•bŠŌŠu,Ä[]A'ì'ð,μ,½"[]CEv[]î•ñ,ðÄ•\Ž!,μ,Ü,·[]B"[]CEv[]î•ñ,ì[]Ä•\Ž!,ð'âŽ~,.,é,É,í[]A**Ctrl + C**  
fL[],ð%Ÿ,μ,Ü,·[]B,±,ìfpf%of[]f^,²[]É—²,³,ê,é,Æ[]A**netstat** ,í[]ACE»[]Ý,ì[]\  
[]-[]î•ñ,ð^è"x,¾,~^ó[]ü,μ,Ü,·[]B

Netstat ,ÉŠŌ,,é[]Ú[]×[]î•ñ



Netstat--'[]



## Netstat--'

netstat ft [fefBfŠfefB, íAŽŸ, ðfjbfgf [fN, ðv'f, ÉŠÖ, , é" Ev ðî•ñ, ð'ñ<Ÿ, µ, Ü, ·B

### Foreign Address

fPfbfg, ðÚ' ±æ, Æ, È, éfŠf, [fg fRf"fsf... [f^, ð IP fAfhfCefX, Æf [fg"Ô [BHOSTS ftf@fCf<, É IP fAfhfCefX, ÉŠÖ, , éfGf"fgfŠ, ð"ü, Á, Ä, ç, éê [A"Ô [t, Á, Í, È, AIP fAfhfCefX, É'í%ž, , é-¼'O, ð•Ž!, µ, Ü, ·Bf [fg, ð, Ü, ¾Šm—š, ð, é, Ä, ç, È, çê [Af [fg"Ô [t, ðfAfXf^fŠfXfN (\*) , Æ, µ, Ä•Ž!, µ, Ü, ·B

### Local Address

f [ff< fRf"fsf... [f^, ð IP fAfhfCefX, ÆAÚ' ±, ÉŽg, x [fg"Ô [BHOSTS ftf@fCf<, É IP fAfhfCefX, ÉŠÖ, , éfGf"fgfŠ, ð"ü, Á, Ä, ç, éê [A"Ô [t, Á, Í, È, AIP fAfhfCefX, É'í%ž, , é-¼'O, ð•Ž!, µ, Ü, ·Bf [fg, ð, Ü, ¾Šm—š, ð, é, Ä, ç, È, çê [Af [fg"Ô [t, ðfAfXf^fŠfXfN (\*) , Æ, µ, Ä•Ž!, µ, Ü, ·B

### Proto

Ú' ±, ÉŽg, í, é, éfvf [fgfRf<, ð-¼'O, Á, ·B

### (state)

TCP Ú' ±, ð'Ô, ð, Ÿ, ðŽ!, µ, Ü, ·B [ó'Ô, É, ÍŽŸ, ð, æ, x, È, à, ð, , è, Ü, ·B

CLOSED	FIN_WAIT_1	SYN_RECEIVED
CLOSE_WAIT	FIN_WAIT_2	SYN_SEND
ESTABLISHED	LISTEN	TIMED_WAIT
LAST_ACK		

Netstat , ÉŠÖ, , éÚ [x ðî•ñ



Netstat





## Nslookup fRf}f“fh

fwf<fv,ð•\Ž!,μ,½,¢ nslookup fRf}f“fh,ð'!ð,μ,Ä,,¾,³,¢□B

- [Nslookup F help](#)
- [Nslookup F exit](#)
- [Nslookup F finger](#)
- [Nslookup F ls](#)
- [Nslookup F lserver](#)
- [Nslookup F root](#)
- [Nslookup F server](#)
- [Nslookup F set](#)
- [Nslookup F set all](#)
- [Nslookup F set cl\[ass\]](#)
- [Nslookup F set \[no\]deb\[ug\]](#)
- [Nslookup F set \[no\]d2](#)
- [Nslookup F set \[no\]def\[name\]](#)
- [Nslookup F set do\[main\]](#)
- [Nslookup F set \[no\]ig\[nore\]](#)
- [Nslookup F set po\[rt\]](#)
- [Nslookup F set q\[ue\]rytype](#)
- [Nslookup F set \[no\]rec\[urse\]](#)
- [Nslookup F set ret\[ry\]](#)
- [Nslookup F set ro\[ot\]](#)
- [Nslookup F set \[no\]sea\[rch\]](#)
- [Nslookup F set srch\[ist\]](#)
- [Nslookup F set ti\[meout\]](#)
- [Nslookup F set ty\[pe\]](#)
- [Nslookup F set \[no\]v\[c\]](#)
- [Nslookup F view](#)





**Nslookup** F help

**nslookup** fRf}f“fh,É,Â,ç,Ä,İSÈ’P,Èà-¾,đ•\Ž!,μ,Ü,·B? ,í help ,Æ“”,ŕ,Å,·B

**help** | ?



**Nslookup** **F exit**

**nslookup** ,đ□I—<sup>1</sup>,μ,Ü,·□B

**exit**



### Nslookup F finger

»Ý,lfRf“fsf...[f^ă, finger fT[fo[ÉÚ’±,μ,Ü,·B»Ý,lfRf“fsf...[f^,íA, ,éRf“fsf...[f^,É’í,·,é’O  
 %oñ,ìAE±,³-CE÷,μAfAfhfCEfXî•ñ,³•Ô,³,ê,½,Æ,«,É’è`³,ê,Ü,· (set querytype=A  
 fRf}f“fh,đŽQAE,μ,Ä,,¾,³,φ)B

**finger** [ft[fU[-¼] [> ftf@fCf<-¼] | [>> ftf@fCf<-¼]

**fpf%of** [f^

ft[fU[-¼

-â,ç±,í,¹,éft[fU[,ì-¼’O,đŽw’è,μ,Ü,·B

ftf@fCf<-¼

o—í•Ú’¶æ,iftf@fCf<-¼,đŽw’è,μ,Ü,· (> •¶Žš,Æ >> •¶Žš,đŽg,Á,ÄA’Êí,ì•ú-@,Åo—  
 í,đfŠf\_fCfCEfNfg,Ä,«,Ü,·)B



## Nslookup F Is

DNS fhf fCf", iñ, iê—, ð\Ž, μ, Ü, · BŠù'è, i o— í, É, í AfRf" fsf... [f^ -¼, Æ, »], i IP fAfhf fX, ŠÜ, Ü, è, Ü, · (o— í, ðftf@fCf<, ÉfŠf\_fCf fNfg, ·, é, Æ AfT [fo [L, ©, çŽó M, μ, ½ 50 f fR [fh, ², Æ, ÉfnfbfVf... <L t, Š o— í, ³, è, Ü, ·) B

Is [fifvfVf#"] DNSfhf fCf" [> ftf@fCf<-¼] | [>> ftf@fCf<-¼]

## fpf%of [f^

fifvfVf#"

-t -â, ç, í, ¹, iŽí—b

Žw'è, μ, ½ f^ fCfv, i' Sf fR [fh, iê—, ð\Ž, μ, Ü, · (-â, ç, í, ¹, iŽí—b, i à-¾, É, Â, ç, Ä, í Aset querytype, i €, ðŽQ Æ, μ, Ä, ¾, ³, ç) B

-a

DNS fhf fCf"" à, iRf" fsf... [f^, i Ê-¼, iê—, ð\Ž, μ, Ü, · (-t CNAME, Æ" , ¶) B

-d

DNS fhf fCf", i' Sf fR [fh, iê—, ð\Ž, μ, Ü, · (-t ANY, Æ" , ¶) B

-h

DNS fhf fCf", i CPU, Æ fifyf f [fefBf" fo fv fX fef€, iñ, ð\Ž, μ, Ü, · (-t HINFO, Æ" , ¶) B

-s

DNS fhf fCf"" à, iRf" fsf... [f^, iŠù'm, i fT [f fX, iê—, ð\Ž, μ, Ü, · (-t WKS, Æ" , ¶) B

DNS fhf fCf"

iñ, ð" üŽè, μ, ½, ç DNS fhf fCf", ðŽw'è, μ, Ü, · B

ftf@fCf<-¼

o— í, ð·Ü'¶, ·, é æ, i ftf@fCf<-¼, ðŽw'è, μ, Ü, · (> ·¶Žš, Æ >> ·¶Žš, ðŽg, Á, Ä A' Ê í, i·û-@, Å o— í, ðfŠf\_fCf fNfg, ·, é, ±, Æ, Š, Å, «, Ü, ·) B



### Nslookup F Iserver

Šù'è, ÌfT[fó[ , ðAŽw'è, μ, ½ DNS fhf[Cf" , É•ïX, μ, Ü, ·B, ±, ÌfRf}f"fh, íAŽw'è, μ, ½ DNS fhf[Cf" , É, Á, ç  
, Ä, Ìfî•ñ, ð%ŠúfT[fó[ , ðŽg, Á, Ä'², ×, Ü, · (CE»Y, ÌŠù'è, ÌfT[fó[ , ðŽg, x **server**  
fRf}f"fh, Æ'íÆ"l, É" @ , Ä, ·)B

Iserver DNS fhf[Cf"

fpf%of[f^

DNS fhf[Cf"

Šù'è, ÌfT[fó[ , Æ, ·, éV, μ, ç DNS fhf[Cf" , ðŽw'è, μ, Ü, ·B



### Nslookup F root

Šù'è, ìfT[]fo[], ðADNS fhf[]Cf" f![]f€ fXfy[]fX, ìf<[]fg, ìfT[]fo[], É•ï[]X, µ, Ü, ·BCE»[]Ý, í[]Afrf"fsf...[]f^  
ns.nic.ddn.mil ,<sup>a</sup>Žg, í, ê, Ü, · (, ±, ìfrf}f"fh, í[]Alserver ns.nic.ddn.mil ,Æ"~, ¶, Å, ·)[]Bf<[]fg fT[]fo[], ì-  
¼'O, í[]Aset root frf}f"fh, Å•ï[]X, Å, <, Ü, ·B

root



### Nslookup F server

Šù'è, ÌfT[fó[ , ðAŽw'è, μ, ½ DNS fhf[Cf" , É•iX, μ, Ü, ·B, ±, ÌfRf}f"fh, íAŽw'è, μ, ½ DNS fhf[Cf" , Ìí•ñ, ðACE»Y, ÌŠù'è (ffftHf<fg) , ÌfT[fó[ , ðŽg, Á, Ä², x, Ü, · ( %SúfT[fó[ , ðŽg—p, ·, é lserver fhf}f"fh, Æ'íAE"i, É" @ , Ä, ·)B

server DNS fhf[Cf"

fpf%of[f^

DNS fhf[Cf"

Šù'è, ÌfT[fó[ , Æ, ·, éV, μ, ç DNS fhf[Cf" , ðŽw'è, μ, Ü, ·B



### Nslookup F set

AE#,i" @i,ðE^è,,:é\ -'l,ð•iX,μ,Ü,·B

set fL[f[fh [=']

fpf%of[f^

fL[f[fh

fL[f[fh,íAŠefwf:fv fgfsfbfN,ÉEfÚ,μ,Ä,ç,Ü,·Bset fL[f[fh,ðŽQAE,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,çBCE>í,ìÝ'è"à—  
e,ðŠm" F,,:é,É,íAset all ,ðŽg—p,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,çB





**Nslookup F set all**

□\□- 'i, ìCE» □Y, ì' i, ð • \Ž! , μ, Ü, · □BŠù 'è, ìfT□[fo□[ , ÆfRf "fsf... □[f^ (fzfXfg) , ì□î • ñ, à • \Ž! , ³, è, Ü, · □B  
**set all**



**Nslookup** **F set cl[ass]**

-â,ç,í,ÿfNf%ofX,ð•ïX,μ,Û,· (fNf%ofX,íAîî•ñ,ìfvf[]fgfRf< fOf<[]fv,ðŽw'è,·,é,à,ì,Â,·)[]B

**set cl[ass] = 'I**

Šù'è'I = IN

**fpf%of[]f[]f^**

'I

**IN**

fCf"f^[]f[]fbfg fNf%ofX[]B

**CHAOS**

Chaos fNf%ofX[]B

**HESIOD**

MIT Athena Hesiod fNf%ofX[]B

**ANY**

f[]fCf<fhfj[]fh ([]ă<L,·,×,Ä)[]B



**Nslookup F set [no]deb[ug]**

fffofbfO f,[fh,lfif"/fift,đ∅,è'Ö,ı,Ü,·BfffofbfO f,[fh,đfif",É,·,é,Æ AfT[fō[É'—M,³,ê,½fpfPfbfg,Æ,»,ı  
%ož"š,ÉŠÖ,·,éÚ×,Éi•ñ,ª•\Žı,³,ê,Ü,·B

**set [no]deb[ug]**

Šù'è'l = nodebug



**Nslookup F set [no]d2**

Ú×ffofbfO f,[fh,lfj"/lft,ðØ,è'Ö,!,Ü,·B,»,è,¼,è,lfpfPfbfg,lftfB[f·fh,a,·,x,ÄŠ®'S,É•Ž!,³,è,Ü,·B

**set [no]d2**

Šù'è'l = nod2



**Nslookup** **F set [no]def[name]**

Y'è, ., é, Æ A'P^ê—v'f, i Æ ÷—v< , É AŠù'è, i DNS fhf Cj"—¼, ð•t%oÁ, µ, Ü, . ('P^ê—v'f, Æ, í Afsf ŠfIfh, iŠÜ, Ü, ê, È, ç—v'f, Å, .) B

**set [no]def[name]**

Šù'è'l = defname



### Nslookup F set do[main]

Šù'è (ffffHf<fg) ,ì DNS fhf[]fCf" ,ðAŽw'è,μ,½-¼'O,É•ï[]X,μ,Ü,·[]BŠù'è,ì DNS fhf[]fCf" -¼,í[]Adefname  
 , ,æ,Ñ **search** flfvfVf}f" ,ìó'Ô,É,æ,Á,Ä[]A[]Æ[]#—v<[] ,É•t%oÁ,³,ê,Ü,·[]BDNS fhf[]fCf" ,ìCEÿ[]ô^ê—  
 ,í[]A,» ,ì-¼'O,ª 2 ,Á^È[]ã,ì—v'f,©,ç,É,é[]ê[]#[]AŠù'è,ì DNS fhf[]fCf" ,ìe,ðŠÜ,Ý,Ü,·[]B,½,Æ,ì,í[]AŠù'è,ì DNS  
 fhf[]fCf" ,ª mfg.widgets.com ,ìê[]#[]AÆÿ[]ô^ê— ,í mfg.widgets.com ,Æ widgets.com  
 ,É,È,è,Ü,·[]B•É,ìCEÿ[]ô^ê— ,ðŽw'è,·,é,É,í[]Aset srchlist fRf}f"fh,ðŽg,ç,Ü,·[]BCEÿ[]ô^ê— ,ð•\  
 Ž|,·,é,É,í[]Aset all fRf}f"fh,ðŽg,ç,Ü,·[]B

**set do[main]**=-¼'O

Šù'è'l = **hostname** ,Ä•Ô,³,ê,é'l

**fpf%of[][]lf^**

-¼'O

Šù'è,ì DNS fhf[]fCf" ,Æ,·,é[]V,μ,ç-¼'O,ðŽw'è,μ,Ü,·[]B



**Nslookup** **F set [no]ig[nore]**

Ÿ'è, : , é, Æ AfpfPfbfg Ø, èŽæ, èfGf%o [ , í-³Ž<, ³, ê, Ü, . B

**set [no]ig[nore]**

Šù'è'l = noignore



**Nslookup F set po[rt]**

Šù'è,) TCP/UDP DNS f|[f€ fT|[fo|[ f|[fg,đAŽw'è,μ,½'l,É•iX,μ,Ü,·B

**set po[rt]='**

Šù'è'l = 53

**fpf%of|[f^**

'l

Šù'è,) TCP/UDP DNS f|[f€ fT|[fo|[ f|[fg,Æ,·:éV,μ,φ'l,đŽw'è,μ,Ü,·B





**Nslookup F set q[querytype]**

í•ñ,ì-â,ç±,í,¹,ìŽí—p,ð•ïX,µ,Û,·B-â,ç±,í,¹,ìŽí—p,ìÚ×,É,Â,ç,Ä,íARFC (Request For Comment) 1035 ,ðŽQÆ,µ,Ä,,¾,¾,ç (set type fRf}f“fh,í set querytype ,Æ“ ,¶,Ä,·)B

set q[querytype]=’l

Šù’è’l = A

fpf%of[]f^

’l

**A**

fRf“fsf...[]f^,ì IP fAfhfCEfX B

**ANY**

,·,×,Ä,ìf[]f^ f^fCfv B

**CNAME**

fGfCfŠfAfX,ì³<K-¼ B

**GID**

fOf<[]fv-¼,ìfOf<[]fv ID B

**HINFO**

fRf“fsf...[]f^,ì CPU ,” ,æ,ÑflfyfCE[]fefBf“fO fVXfef€,ìŽí—p B

**MB**

f[]f<f{fbfNfX fhf[]fCf“-¼ B

**MG**

f[]f< fOf<[]fv f[]fo[] B

**MINFO**

f[]f<f{fbfNfX,Û,½,ìf[]f<^ê—í•ñ B

**MR**

f[]f< fŠf[]f€ fhf[]fCf“-¼ B

**MX**

f[]f<CEðŠ· B

**NS**

Žw’è,µ,½f[]f“,ì DNS f[]f€ fT[]fo[] B

**PTR**

-â,ç±,í,¹“à—e,ª IP fAfhfCEfX,ìê±,ìfRf“fsf...[]f^-¼ B,» ,ê^ÈŠO,ìê±,íA,Û,©,ìí•ñ,Ö,ìf[]fCf“f^ B

**SOA**

DNS fhf[]fCf“,ì SOA fCEfR[]fh B

**TXT**

fefLfXfgí•ñ B

**UID**

f[]fU[] ID B

**UINFO**

ft[]fU[][]î•ñ[]B

**WKS**

Šù'm,lfT[]lfrfX,ì[]à-¾[]B



**Nslookup F set [no]rec[urse]**

Ÿ`è,·,é,ÆADNS f[f€ fT[fó[.Éĩ•ň,ª,È,¢é#A,Ù,©,lfT[fó[.É-â,¢#,í,¹,Ü,·B

**set [no]rec[urse]**

Šù'è'l = recurse



### Nslookup F set ret[ry]

ÄŽš,ì%ň",đÝ'è,μ,Û,·B^è'è,ìŽžŠÔ"à (set timeout ,Á·ìX%Á"\) ,É—v<,Ö,ì  
 %ž"š,ª,È,©,Á,½ê#Af^fCf€fAfEfg,ìŽžŠÔ,í" {,É,È,èA—v<,ªÄ'—M,³,è,Û,·BÄŽšš,ì%ň",íA—  
 v<,đÄ'—M,·,é%ň",đ·\,·,à,ì,Á,·B

set ret[ry]=%ň"

Šù'è'l = 4

fpf%ff[f^

%ň"

ÄŽšš,ì%ň",Æ,·,éV,μ,ç'l,đŽw'è,μ,Û,·B



### **Nslookup F set ro[ot]**

f<[fg fT[fo[[-¼'O,đ•iX,μ,Ü,·Bf<[fg fT[fo[[-¼'O,đ•iX,·,é,ÆAroot  
fRf}f"fh,iŽA[sCE<%oÊ,a•i,í,è,Ü,·B

**set ro[ot]=fRf"fsf...[f^**

Šù'è'l = ns.nic.ddn.mil

**fpf%of[ f^**

fRf"fsf...[f^

f<[fg fT[fo[[-Æ,·,éV,μ,ç-¼'O,đŽw'è,μ,Ü,·B



### **Nslookup F set [no]sea[rch]**

Ÿ'è,·,é,ÆAÆ%oi—v<,É,È,,Æ,àfsfŠfIfh,ª 1 ,ĂŠÛ,Û,ê,é,ªAACEă,ªfsfŠfIfh,Ă,Í,È,çê±A  
%oŽ“š,ªŽóM,ª,ê,é,Û,ĂADNS fhfCf“,ìŸö^ê—“à,ì DNS fhfCf“-¼,ð-â,ç±,í,¹—v<,É•t  
%oĂ,µ,Û,·B

### **set [no]sea[rch]**

Šù'è'l = search



### Nslookup F set srchl[ist]

Šù'è,ì DNS fhf[]fCf" -¼,ÆCEŸ[]ô^ê—,ð•ï[]X,μ,Û,·[]BfXf%ofbfVf... (/) ,Å<æ[]Ø,Á,Ä[]A[]Å'å 6 ,Å,ì-¼'0,ðŽw'è,Å,«,Û,·[]B,±,ìfRf}}f"fh,í[]Aset domain fRf}}f"fh,ìŠù'è,ì DNS fhf[]fCf" -¼,ÆCEŸ[]ô^ê—,É—D[]æ,μ,Û,·[]BCEŸ[]ô^ê—,ð•Žì,·,é,É,í[]Aset all fRf}}f"fh,ðŽg,ç,Û,·[]B

Set srchl[ist] -¼'01/-¼'02/...

Šù'è'l = hostname ,ÉŠì,Ã,ç,½'l

fpf%of[]f^

-¼'01/-¼'02/...

Šù'è,ì DNS fhf[]fCf" , ,æ,ÑCEŸ[]ô^ê—,Æ,·,é[]V,μ,ç-¼'0,ðŽw'è,μ,Û,·[]B—á,ðŽŸ,ÉŽì,μ,Û,·[]B

set srchlist=mfg.widgets.com/mrp2.widgets.com/widgets.com

,±,ê,É,æ,è[]ADNS fhf[]fCf" ,í mfg.widgets.com ,É[]Ÿ'è,³,ê[]ACEŸ[]ô^ê—,í,±,ì 3 ,Å,ì-¼'0,É[]Ÿ'è,³,ê,Û,·[]B



### Nslookup F set ti[meout]

—v<□,Ö,ì%ž“š,đ’Ò,Â□%Šú•b□”,đ•ï□X,μ,Û,·□B,±,ì•b□”“à,É—v<□,Ö,ì  
%ž“š,ª,È,©,Á,½□ê□#□Af^fCf€fAfEfg,ìŽžŠÔ,í”{,É,È,è□A—v<□,ª□Ä’—,³,ê,Û,· (fŠfgf%ofC%oň□”,í **set  
retry** flfvfVf#f“,Ä□Ý’è,μ,Û,·)□B

**set ti[meout] = •b□”**

Šù’è’l = 5

**fpf%of□□[f^**

•b□”

%ž“š,đ’Ò,Â•b□”,Æ,·,é□V,μ,ç’l,đŽw’è,μ,Û,·□B





### **Nslookup F set ty[pe]**

í•ñ,ì-â,ç±,í,¹,ìŽí—p,ð•ïX,μ,Û,·B-â,ç±,í,¹,ìŽí—p,ìÚ×,É,Â,ç,Ä,íARFC (Request For Comment)  
1035 ,ðŽQAE,μ,Ä,,¾,¾,ç (set type frf}f“fh,í set querytype ,Æ“¬,¶,Å,·)B

**set ty[pe]='**

Šù'è'l = A

**fpf%of[]f^**

**set q[ueyrytype]** ,ðŽQAE,μ,Ä,,¾,¾,çB

Nslookup F set q[ueyrytype]



**Nslookup F set [no]v[c]**

Ý'è, :é,ÆA—v<□,đfT□[fo□[É'—□M, :é,Æ,«□A□í,É%¼'z%ñ□ü,đŽg,ç,Ü,·□B

**set [no]v[c]**

Šù'è'l = novc



**Nslookup F view**

^È'OŽÀ[s,μ,½ **ls** fRf}f"fh,ì□o—í,ð•À,x'Ö,!,Ä□o—í,μ,Ü,·□B

**view** ftf@fCf<-¼

**fpf%of□□[f^**

ftf@fCf<-¼

^È'OŽÀ[s,μ,½ **ls** fRf}f"fh,ì□o—í,<sup>a</sup>SÜ,Ü,ê,éftf@fCf<,ì-¼'O,ðŽw'è,μ,Ü,·□B



## Nslookup--'

### 'bCE^fRf}f"fh

- 1 'bCE^fRf}f"fh,δ+'f,·,é,É,ÍA Ctrl + C fL,δ%Ÿ,μ,Ü,·B
- 2 □-1,·,é,É,ÍAexit ,Æ"ü-Í,μ,Ü,·B
- 3 fRf}f"fh f%oCf",ì',³,ÍA256 •¶Žš-č-ž,Ä,È,·,ê,Î,È,è,Ü,¹,ñB
- 4 'g,Ý□ž,ÝfRf}f"fh,δfRf"fsf...□f^-¼,Æ,μ,Ä^μ,κ,É,ÍA'O,ÉfGfXfP□[fv•¶Žš (\) ,δ'u,«,Ü,·B
- 5 "FŽ-,Ä,«,È,čfRf}f"fh,ÍfRf"fsf...□f^-¼,Æ,μ,Ä%øŽš,³,ê,Ü,·B

### f'f

-â,ç□‡,í,¹-v<□,ÉŽ, "s,μ,½□ê□‡,ÍA f□fbfZ□[fW,ª·Ži,³,è,Ü,·B"□¶,·,é%Å"□<,ì, ,éfGf %o□[,ÍŽÝ,ì,Æ,·,è,Ä,·B



Time out

^è'è,ìŽžŠÔ (set timeout='l ,Ä·ïX%oÅ" ) ,ªCEo%oB,μ□A^è'è,ìÄŽŽ□s%oñ□" (set retry='l ,Ä·ïX %oÅ" )□AÄŽŽ□s,μ,Ü,μ,½,ª□AfT□[fo□[ ,©,ç-v<□,Ö,ì%ž"š,ª, ,è,Ü,¹,ñ,Ä,μ,½□B



No response from server

fT□[fo□[ fRf"fsf...□f^□ã,Ä DNS f□[f€ fT□[fo□[ ,ª"□i,μ,Ä,ç,Ü,¹,ñ□B



No records

fRf"fsf...□f^-¼,Í□³,μ,ç,ª□ADNS f□[f€ fT□[fo□[ ,Í□AfRf"fsf...□f^ ,É'í%ž,·,éCE»□Ý,ì-â,ç□‡,í,¹,ìŽí- P,ìŽ'CE'YfCFR□[fh,δŽ□,Ä,Ä,ç,Ü,¹,ñ□B-â,ç□‡,í,¹,ìŽí-P,ÍAset querytype fRf}f"fh,ÄŽw'è,μ,Ü,·B



Non-existent domain

fRf"fsf...□f^-¼,Ü,½,Í DNS fhf□fCf" -¼,ª'¶□Ÿ,μ,Ü,¹,ñ□B



Connection refused

-,Ü,½,Í-

Network is unreachable

DNS f□[f€ fT□[fo□[ ,Ü,½,Í finger fT□[fo□[ ,É□Ú±,Ä,«,Ü,¹,ñ,Ä,μ,½□B,±,ìfGf%o□[ ,Í□A^è"È,É Is ,·,æ,Ñ  
finger -v<□,Ä"□¶,μ,Ü,·B



Server failure

DNS f□[f€ fT□[fo□[ ,ìff□[f^fx□[fX,É"à""i,È-μ□[ ,ª, ,è□A-LCEø,È%ž"š,δ·Ö,·,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½□B



Refused

DNS f□[f€ fT□[fo□[ ,Í□A-v<□,Ö,ì%ž"š,δ<"Ü,μ,Ü,μ,½□B



Format error

DNS f□[f€ fT□[fo□[ ,Í□A-v<□pfPfbfg,ìCE`Ž®,ª□³,μ,È,ç,Æ" FŽ-,μ,Ü,μ,½□Bnslookup ,ÉfGf%o□[ ,ª, ,é %oÅ"□<,ª, ,è,Ü,·B

### ŽQ□I□'□Đ

nslookup ,ì□Ú,μ,ç%øδ□à,É,Ä,ç,Ä,Í□A□wDNS and BIND□x (Paul Albitz□ACricket Liu ' "□AfAfXfL□[□o"Ä·Ç Šš) ,δŽQ□Æ,μ,Ä,,¾,¾,ç□B

Nslookup ,ÉŠÖ,·,é□Ú□×□í·ñ



Nslookup



## Ping

ŘŤ, [fg fRf"fsf... [f^ A, Ü, ½, lfRf"fsf... [f^ Ö, ì Ú' ±, ðŤŤ, , μ, Ü, · B, ±, lfRf}f"fh, í TCP/IP  
fvf [fgfRf<, ³fCf"fxfg [f<, ³, é, Å, ç, é [é [±, ì, Ý—LŤŤ, Å, · B

**ping** [-t] [-a] [-n count] [-l length] [-f] [-i ttl] [-v tos] [-r count] [-s count] [[-j computer-list] | [-k computer-list]] [-w timeout] destination-list

**fpf%of [f^**

**-t**

Š,, è [ž, Ý, ³] [f, ·, é, Ü, Å [AŽw'è, μ, ½ fRf"fsf... [f^, ðŤŤ, , μ, Ü, · B

**-a**

fAfhfŤŤX, ð%ðŤŤ^, μ, ÅfRf"fsf... [f^ -¼, É·Ī, ĭ, Ü, · B

**-n count**

count , ÅŽw'è, μ, ½ [", ì ECHO fpfPfbfg, ð'— [M, μ, Ü, · BŠù'è'l, í 4 , Å, · B

**-l length**

length , ÅŽw'è, μ, ½ —É, ìff [f^ , ³"ü, Å, Å, ç, é ECHO fpfPfbfg, ð'— [M, μ, Ü, · BŠù'è'l, í 32 fofCfg, Å, · B [Å'â'l, í 8192 , Å, · B

**-f**

Do Not Fragment ftf%ofO, ðfpfPfbfg, É"ü, è, Ä'— [M, μ, Ü, · BfpfPfbfg, í Af< [fg [ä, ìfg [fgfEfc, É, æ, Å, Äftf %ofOf [f"fg%» , ³, é, é, ±, Å, í, , è, Ü, ¹, ñ [B

**-i ttl**

Time To Live ftfB [f<fh, ð ttl , ÅŽw'è, μ, ½ 'l, ÉŤŤ'è, μ, Ü, · B

**-v tos**

Type Of Service ftfB [f<fh, ð tos , ÅŽw'è, μ, ½ 'l, ÉŤŤ'è, μ, Ü, · B

**-r count**

" [MfpfPfbfg, Å·Ö [MfpfPfbfg, ìf< [fg, ð Record Route ftfB [f<fh, É<L~^, μ, Ü, · Bcount , É, í A [Å [—, Å 1 , Å [A [Å'â, Å 9 , Å, lfRf"fsf... [f^ , ðŽw'è, ·, é, ±, Å, ³, Å, «, Ü, · B

**-s count**

count , ÅŽw'è, μ, ½ [", ìfzfbfv, É'í, μ, Åf^fCfxf^f"fv, ðŽw'è, μ, Ü, · B

**-j computer-list**

computer-list , ÅŽw'è, μ, ½ fRf"fsf... [f^ ê—, ðŤŤ—R, μ, ÅfpfPfbfg, ðf< [fefBf"fo, μ, Ü, · B~A'± , μ, ½ fRf"fsf... [f^ , í A' +ŠÔfQ [fgfEfc, Å<æ [Ø, ç, é, é%Å" [« , ³, è, Ü, · (loose source routed) [BIP , Å<- , ³, é, é [Å'â [", í 9 , Å, · B

**-k computer-list**

computer-list , ÅŽw'è, μ, ½ fRf"fsf... [f^ ê—, ðŤŤ—R, μ, ÅfpfPfbfg, ðf< [fefBf"fo, μ, Ü, · B~A'± , μ, ½ fRf"fsf... [f^ , í A' +ŠÔfQ [fgfEfc, Å<æ [Ø, ç, é, Ü, ¹, ñ (strict source routed) [BIP , Å<- , ³, é, é [Å'â [", í 9 , Å, · B

**-w timeout**

f^fCfxfAfcfg, ìŠÔŠu, ðf~fŠ·b'P^Ê, ÅŽw'è, μ, Ü, · B

**destination-list**

ŤŤ [ , ·, éfŠf, [fg fRf"fsf... [f^ , ðŽw'è, μ, Ü, · B

Ping , ÉŠÖ, ·, é [Ú [× [í ·ñ

 Ping--'



### Ping--'

**ping** fRf}f"fh,íAICMP fGfR[] fpfPfbfg,ðfRf"fsf...[]f^,É'—  
 []M,μ[]AfGfR[][%ž"šfpfPfbfg,ð'@Žæ,μ,Ä[]AfŠf,[]fg fRf"fsf...[]f^,Ö,ì[]Ú'±,ðCEÏ[],μ,Ü,·[]B**ping**,í[]A'—  
 []M,<sup>3</sup>,é,éfpfPfbfg,<sup>2</sup>,Æ,É[]Å[], 1 •b'Ö,Á,Ä,©,ç[]A"']'—,<sup>3</sup>,éŽó[]M,<sup>3</sup>,é,½fpfPfbfg[]",ð[]o—  
 í,μ,Ü,·[]BŽó[]M,<sup>3</sup>,é,½ŠefpfPfbfg,ì'Ä"—[]«,í[]A"']'—,<sup>3</sup>,é,½f[]fbfZ[]fW,ðŠì[]€  
 ,É,μ,ÄCEÏ[],<sup>3</sup>,é,Ü,·[]BŠù'è,ì[]Ý'è,Á,í[]A32 fofCfg,ìff[]f^ ('â•¶Žš,ì%opŽš,É,æ,é'èŠú"l,ÈfV[]fPf"fx)  
 ,ðŠÜ,ň,¾ 4 ,Á,ìfGfR[] [ fpfPfbfg,ª"']'—,<sup>3</sup>,é,Ü,·[]B

**ping** ft[]fBfŠfB,ðŽg,α,Æ[]AfRf"fsf...[]f^,ìfRf"fsf...[]f^-¼,Æ IP fAfhfCEfX,ðfefXfg,Ä,«,Ü,·[]BIP  
 fAfhfCEfX,ªCEÏ[],<sup>3</sup>,é,Ä,àfRf"fsf...[]f^-¼,ªCEÏ[],<sup>3</sup>,é,È,¯,é,í[]A-¼'O,ì%ðCE^,É-â'è,ª"¶,·,é,±,Æ,ª,è,Ü,·[]  
 B,»,ì[]ê[]±,í[]A[]Æ%oi't,ìfRf"fsf...[]f^-¼,ªf[]fj< HOSTS ftf@fCf<,Ü,½,í DNS ff[]f^fx[]fX,ÉŠÜ,Ü,é,é,±  
 ,Æ,ðŠm" F,μ,Ä,,¾,¾,¾,ç[]B

ŽÏ,É[]A**ping**,ìfTf"fvf<[]o—í,ðŽ†,μ,Ü,·[]B

C:\>ping ds.internic.net

Pinging ds.internic.net [192.20.239.132] with 32 bytes of data:

Reply from 192.20.239.132: bytes=32 time=101ms TTL=243

Reply from 192.20.239.132: bytes=32 time=100ms TTL=243

Reply from 192.20.239.132: bytes=32 time=120ms TTL=243

Reply from 192.20.239.132: bytes=32 time=120ms TTL=243

Ping ,ÉŠÖ,·,é[]Ú[]×[]î•ň



Ping



### Rcp

, ±, í, ú' ± fRf} f"fh, í Windows NT fRf"fsf... [f^, ÆfŠf, [fg fVfFf< ff [f, f", Å, , é rshd  
 , ðŽÀ [s, , é fVfXfef€ ŠÖ, Åftf@fCf<, ðfRfs [ , µ, Ü, · [Brcp fRf} f"fh, a Windows NT fRf"fsf... [f^, ©, ç" [s, ³, è, Å, ç  
 , é [è [± [A, ±, lfRf} f"fh, ðfT [fh fp [fefB [ " ]' —, ÉŽg—p, µ, Å [Arshd , ðŽÀ [s, , é 2 , Å, lfRf"fsf...  
 [f^ ŠÖ, Åftf@fCf<, ðfRfs [ , , é, ±, Æ, à, Å, «, Ü, · [Brshd ff [f, f", í UNIX fRf"fsf... [f^ [ã, Å—  
 p, Å, «, Ü, ·, a Windows NT [ã, Å, í—~—p, Å, «, Ü, ¹, ñ [B, ±, ì, ½, ß [A Windows NT fRf"fsf... [f^, í [A fRf} f"fh, ð"-  
 [s, , é fVfXfef€, Æ, µ, Å, ¾, ~ ŽQ% Å, Å, «, Ü, · [BfŠf, [fg fRf"fsf... [f^, í [Arshd , ðŽÀ [s, , é, ì, É% Å, !, Å [Arcp  
 ft [fefBfŠfefB, à' ñ < Ÿ, µ, È, ~, è, Í, È, è, Ü, ¹, ñ [B

**rcp [-a | -b] [-h] [-r]** fRfs [ [CE³ 1 fRfs [ [CE³ 2 ... fRfs [ [CE³ N fRfs [ [æ

### fpf%of [f^

#### -a

ASCII " ]' —f, [fh, ðŽw' è, µ, Ü, · [B, ±, lf, [fh, í [A" [Mftf@fCf<, lfLfffŠfbfW fŠf^ [f" /f%ofCf"  
 ftfB [fh • ¶ Žš, ðfLfffŠfbfW fŠf^ [f" , É • Í Š ·, µ [A' ... [Mftf@fCf<, lf%ofCf" ftfB [fh • ¶ Žš, ðfLfffŠfbfW fŠf^ [f" /f  
 %ofCf" ftfB [fh, É • Í Š ·, µ, Ü, · [B, ±, è, í [A Šù' è, ì " ]' —f, [fh, Å, · [B

#### -b

fofCfifŠ fCf [ [fW " ]' —f, [fh, ðŽw' è, µ, Ü, · [BfLfffŠfbfW fŠf^ [f" /f%ofCf" ftfB [fh • Í Š ·, í ŽÀ [s, ³, è, Ü, ¹, ñ [B

#### -h

Windows NT fRf"fsf... [f^, ì% B, µftf@fCf<, ð " ]' —, µ, Ü, · [B, ±, lf lfVfVf" , È, µ, Å **rcp** fRf} f"fh f%ofCf" , É  
 % B, µftf@fCf<, ðŽw' è, , é, Æ [A, ±, lfRf} f"fh, í [Aftf@fCf<, a ¶ [Ÿ, µ, Å, ç, È, ç, ì, Æ " , ¶ [CEø% È, ðŽ [ , ç, Ü, · [B

#### -r

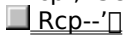
fRfs [ [CE³, ì, , x, Å, ì fTufffBfCEfNfgfŠ, ì " à—e, ðfRfs [ [æ, Ö [Å < A' l, ÉfRfs [ , µ, Ü, · [B-r , ðŽg—  
 p, , é, Æ [A fRfs [ [CE³, a fffBfCEfNfgfŠ, Å, È, ç [è [±, Å, à < @ " \  
 , µ, Ü, ·, a [A fRfs [ [CE³, , æ, ÑfRfs [ [æ, í [A, Ç, ç, à fffBfCEfNfgfŠ, Å, È, -  
 , Å, í, È, è, Ü, ¹, ñ [B fffBfCEfNfgfŠ, Å, È, ç [è [±, í [A Å < A' l, ÉfRfs [ , [s, í, è, Ü, ¹, ñ [B

fRfs [ [CE³, , æ, ÑfRfs [ [æ

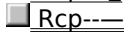
[fRf"fsf... [f^ [ .ft [fU [ ] : ]ftf@fCf< -¼ CE` Ž @ , ÅŽw' è, µ, È, ~, è, Í, È, è, Ü, ¹, ñ [B [fRf"fsf... [f^ [ .ft [fU [ ] : ]  
 , ì " • a, a [è —a, ³, è, é, Æ [A fzfXfg, í [A f [ ] [f] < fRf"fsf... [f^ , Å, , é, Æ [CE © , È, ³, è, Ü, · [B [ .ft [fU [ ] , ì " • a, a [è —  
 a, ³, è, é, Æ [A CE » ¶ Ÿ Windows NT , Éf [fOfif" , µ, Å, ç, éft [fU [ ] -¼, a Žg—p, ³, è, Ü, · [B fšfŠfifh ( . )  
 < æ [ø, è, ð ŠÜ, b Š @ ' S [C [ü fRf"fsf... [f^ -¼, a Žg—p, ³, è, é [è [± [A [ .ft [fU [ ] , a ŠÜ, Ü, è, Å, ç  
 , È, ~, è, Í, È, è, Ü, ¹, ñ [B, ³, à, È, ç, Æ [A fRf"fsf... [f^ -¼, ì [A CE ã, ì " • a, í [A ft [fU [ ] -¼, Æ, µ, Å [è —  
 [ , ³, è, Ü, · [B • í [ , lfRfs [ [CE³ ftf@fCf<, ðŽw' è, , é [è [± [A fRfs [ [æ, lfffBfCEfNfgfŠ, Å, È, ~, è, Í, È, è, Ü, ¹, ñ [B

ftf@fCf< -¼, a [A UNIX , Å, lfXf% ofbfVf... ( / ) , Ü, ½, í Windows NT fVfXfef€, Å, í% ~ < L [t ( \ ) , ÅŽn, Ü, Å, Å, ç  
 , È, ç [è [± [A CE » ¶ Ÿ, ì [ Æ fffBfCEfNfgfŠ, É ' í, µ, Å ' Š ' Íftf@fCf< -¼, Å, , é, Æ [CE © , È, ³, è, Ü, · [B Windows NT  
 [ã, Å, í [A, ±, è, í [A fRf} f"fh, a " [s, ³, è, ½ fffBfCEfNfgfŠ, È, È, è, Ü, · [BfŠf, [fg fVfXfef€ [ã, Å, í [A fŠf, [fg  
 ft [fU [ ] [ .lf [fOfif" fffBfCEfNfgfŠ, È, È, è, Ü, · [BfšfŠfifh ( . ) , í [A CE » ¶ Ÿ, lfffBfCEfNfgfŠ, ð Ó—j, µ, Ü, · [BfŠf, [fg  
 fRf"fsf... [f^ , Åf [fCf< fhj [fh • ¶ Žš, ðŽg—p, , é, é, í [A fŠf, [fg fpfX, ÉfGfXfP [fV • ¶ Žš ( \ [A " [A, Ü, ½, í ' ) , ðŽg, ç  
 , Ü, · [B

Rcp , É Š Ö, , é [Ú [x [í • ñ



Rcp--' [



Rcp---á





## Rcp--'

### fšf, [fg "ACE

rcp fRf}f"fh, íAfpfXf [fh, ì"ü—í, ð< , ß, éfjfbfZ [fW, ð•Ž!, µ, Ü, ¹, ñBCE»Y, ìft [fU [ - ¼, Ü, ½, ÌŽw'è, µ, ½ft [fU [ - ¼, ššf, [fg fRf"fsf... [f^, É'¶Y, µArcp , ð'É, ¶, Äšf, [fg fRf}f"fh, ðŽÀs, Å, «, È, ˘, ê, Î, È, è, Ü, ¹, ñB

### .rhosts ftf@fCf<

.rhosts ftf@fCf<, É, íArsh , Ü, ½, í rcp , ðŽg—p, µ, Äf [fjfk fAfjEf"fg, ÉfAfNfZfX, Å, «, éšf, [fg fVfXfef€ , Ü, ½, ìšf, [fg ft [fU [ , ðŽw'è, µ, Ü, ˘B, ±, è, ç, ìRf}f"fh, ðŽg—p, µ, Äšf, [fg fVfXfef€ , ÉfAfNfZfX, , é, É, íA.rhosts ftf@fCf< (, Ü, ½, í HOSTS , É'""™, Èftf@fCf< ) , ššf, [fg fVfXfef€ ä, É'¶Y, , é•K —v, a, , è, Ü, ˘Brsh , , æ, Ñ rcp , íAfp [fjfk ft [fU [ - ¼, ššf, [fg fVfXfef€ , É'—M, µ, Ü, ˘Bšf, [fg fVfXfef€ , íA, ±, ì-¼'O, É%Á, Ì, Ä IP AfhfCFX ('È, ìRf"fsf... [f^ - ¼, Å, È, è, Ü, ) , Ü, ½, Ì—v<CE³fVfXfef€ , ðŽg— p, µ, ÄfAfNfZfX, a<, ³, è, Å, ç, é, ©, Ç, x, ©, ðšm" F, µ, Ü, ˘B, ±, è, ç, ìRf}f"fh, ðŽg— p, µ, ÄfAfjEf"fg, ÉfAfNfZfX, , é [f, ÉAfpfXf [fh, ð"ü—í, , é<K¥, Ì, , è, Ü, ¹, ñB

Windows NT Server fhf [fCf" , Éf [fOfj" , µ, Å, ç, é [f [fCf»Y, ìf [fOfj" - ¼, ìf [fjfk fRf"fsf... [f^ , ìLfffbfVf... , É"ü, Á, Ä, ç, È, ç, Ì, ÄAfvf%ofCf}š fhf [fCf" fRf"fgf [f% , ðŽg—p, µ, Å, ±, ìf [fOfj" - ¼, ð %øCE^ , Å, «, È, ˘, ê, Î, È, è, Ü, ¹, ñBrsh fvf [fgfRf<, Ìê" , Éft [fU [ - ¼, a•K—v, È, Ì, ÄAft [fU [ - ¼, ð"üŽè, Å, «, È, ç , ÅfRf}f"fh, ÌŽÀs, ÈŽ, "s, µ, Ü, ˘B

.rhosts ftf@fCf<, íAšEšs, ašEfgf"fgfš, É, È, Á, Ä, ç, éfE fXfg ftf@fCf<, Å, ˘BfGf"fgfš, íAfp [fjfk fRf"fsf... [f^ - ¼Afp [fjfk ft [fU [ - ¼A, , æ, Ñ, » , ìGf"fgfš, ÉšÖ, , éfRf [f"fg, ©, ç, È, Á, Ä, ç, Ü, ˘BžŸ, Ì, æ, x , É [AšEfgf"fgfš, ìf^ fu, Ü, ½, Ì<ó" • ¶žš, Å<æ [f, ç, éAfp [f"fg, ìfnfbfVf...<L [t (#) , ÅŽn, Ü, Á, Ä, ç, Ü, ˘B computer5 marie #This computer is in room 31A

.rhosts ftf@fCf<, íAšf, [fg fRf"fsf... [f^ , ìft [fU [ , ìfz [fE fffBfCEfNfgfš, É, È, ˘, ê, Î, È, è, Ü, ¹, ñBšf, [fg fRf"fsf... [f^ , ÉCEÄ—L, Ì .rhosts ftf@fCf<, ÌŽÀ'•, È, Á, ç, Ä, íAšf, [fg fVfXfef€, ì}fj...fAf<, ðŽQ [fE, µ, Å, - , ¾, ³, ç [fB

, Ü, ½Afp [f"fsf... [f^ - ¼, ššf, [fg fVfXfef€, Ì /ETC/HOSTS ftf@fCf<, É'Ç%Á, µ, Å, , ç, Ä, , ¾, ³, ç [fB, ± , è, É, æ, èAšf, [fg fVfXfef€, íAMicrosoft TCP/IP ft [fE fBšfEfB, ðŽg—p, µ, ÄAZg—p, µ, Å, ç, éfRf"fsf... [f^ , Ö, ìšf, [fg—v< [f, ð" F [f, Å, «, é, æ, x, È, È, è, Ü, ˘B

### fRf"fsf... [f^ , ÌŽw'è (fzfXfg)

CE»Y, ìft [fU [ - ¼, ÉšÖ, ìft [fU [ - ¼, ðŽg, x, É, íAfp [f"fsf... [f^ , ft [fU [ •ì [f" , ðŽg, ç , Ü, ˘BfRfs [fCE³, ðŽg, Å, ÄfRf"fsf... [f^ ft [fU [ , ðŽw'è, , é [f [f, íAšf, [fg fRf"fsf... [f^ , Ì .rhosts ftf@fCf<, Éft [fU [ , ÉšÖ, , éfGf"fgfš, ašÜ, Ü, è, Å, ç, È, ˘, ê, Î, È, è, Ü, ¹, ñB, ½, Å, Ì, ŽŸ, Ì, æ, x, È, È, è, Ü, ˘B rcp rhino.johnb:file1 buffalo.admin:file2

BUFFALO, Ì .rhosts ftf@fCf<, É, íARHINO , Ì Johnb , ÉšÖ, , éfGf"fgfš, ašÜ, Ü, è, Å, ç, È, ˘, ê, Î, È, è, Ü, ¹, ñB fRf"fsf... [f^ - ¼, ðfhfbfg<æ [f, è, ìft< fhf [fCf" - ¼, Å, µ, Å"ü—í, , é [f [f, íA'O [f, Ì, æ, x, ÉfRf"fsf... [f^ - ¼, Éft [fU [ - ¼, ð•t, %Á, Ì, È, ˘, ê, Î, È, è, Ü, ¹, ñB, ±, è, É, æ, èAfhf [fCf" - ¼, Ì [fE ä, Ì—v'f, aft [fU [ - ¼, Å, µ, Å %øžš, ³, è, é, Ì, ð—h, °, Ü, ˘B, ½, Å, Ì, ŽŸ, Ì, æ, x, È, È, è, Ü, ˘B

rcp domain-name1.user:johnm domain-name2.user:billr

### fšf, [fg ^—

fšf, [fg ^—, íA, Ü, Å, ñ, Ç, Ì UNIX fVfXfef€, ÅAft [fU [ , ìf [fOfj" fVfF<, ©, çŽÀs, ³, è, éfRf}f"fh, É, æ, Å, ÄŽÀs, ³, è, Ü, ˘Bft [fU [ , Ì .profile , Ü, ½, Ì .cshrc , ìftf@fCf< - ¼, a %ø [f, ³, è, é'O, ÉŽÀs, ³, è, Ü, ˘B, Ü, ½AfgfNfXf [f, ³, è, éfVfF<•ì [f" , ð (fgfXfP [fv•¶žš, Ü, ½, Ì—p— p•, , ðŽg, Á, Ä) fšf, [fg ftf@fCf< - ¼, ÅŽg—p, Å, «, Ü, ˘B

### ftf@fCf<, ìRfs [f

ffBfEfNfgfŠ,Å,Í,È,ç 1 ,Â,İftf@fCf<,É'½",İftf@fCf<,đfRfs[μ,æ,κ  
,Æ,·,é,ÆAÅĀĀĀĀ,İftf@fCf<,¼,̄,̄fRfs[³,è,Û,·B,Û,½Arcp  
fRf}f"fh,Å,İftf@fCf<,đ,»,İftf@fCf<Ž©'İ,ÉfRfs[,·,é,±,Æ,Í,Å,«,Û,¹,ñB  
f[ff< fhfCf",Å,Í,È,çfhfCf",đŽg,Å,Å Windows NT fRf"fsf...[f^,ÉfOfjf",μ,½ê#Afvf%ofCf}fŠ  
fhfCf" fRf"fgf[f%oo,ª~—p,Å,«,È,̄,è,İArcp ,Å,İf[ff< ft[fU[-¼,đ"»•É,Å,«,È,ç  
,½,İAfRf}f"fh,ÍŽÀs,³,è,Û,¹,ñB"̄,¶§Ā,ÍArsh ,É,à"K—p,³,è,Û,·B  
Rcp ,ÉŠÖ,·,éÛ×î•ñ  
Rcp  
Rcp---á



### Rcp---á

ŽŸ,ì—á,íArcp ,ì^è"Ê"l,ÈŽg,ç•ù,ì,½,ß,ì\•¶,ð,ç,,Á,©•\,μ,½,à,ì,À,·B

f[]fjfk< ftj@fCf<,ðfŠf,[]fg fRf"fsf...[]f^,ìf[]Ofif" fffBfCEfNfgfŠ,ÉfRfs[],,é,É,íAŽŸ,ì,æ,æ,É"ü—í,μ,Ü,·B  
rcp filename remotecomputer:

f[]fjfk< ftj@fCf<,ðfŠf,[]fg fRf"fsf...[]f^[]ä,ìŠù'¶,ìffBfCEfNfgfŠ,ÉfRfs[],μ,ÄA[]V,μ,çftj@fCf<-  
¼,ð•t,¯,é,É,íAŽŸ,ì,æ,æ,É"ü—í,μ,Ä,,¾,¾,çB

rcp filename remotecomputer:/directory/newfilename

•;[]",ìf[]fjfk< ftj@fCf<,ðfŠf,[]fg f[]fOfif" fffBfCEfNfgfŠ,ìftfufffBfCEfNfgfŠ,ÉfRfs[],,é,É,íAŽŸ,ì,æ,æ,É"ü—  
í,μ,Ä,,¾,¾,çB

rcp file1 file2 file3 remotecomputer:subdirectory/filesdirectory

fŠf,[]fg,ìfRfs[]CE³,©,çf[]fjfk< fRf"fsf...[]f^,ìCE>[]Ÿ,ìffBfCEfNfgfŠ,ÉfRfs[],,é,É,íAŽŸ,ì,æ,æ,É"ü—í,μ,Ä,-  
,¾,¾,çB

rcp remotecomputer:filename .

fŠf,[]fg,ì•;[]",ìfRfs[]CE³,©,ç•;[]",ìftj@fCf<,ð^Ù,È,éft[]fU[][-  
¼,ìfŠf,[]fg,ìfRfs[][]æ,ÖfRfs[],,é,É,íAŽŸ,ì,æ,æ,É"ü—í,μ,Ä,,¾,¾,çB

rcp remote1.user1:file1 remote2.user2:file2 remotedest.destuser:directory

IP fAfhfCEfX,ðŽg,Á,ÄfŠf,[]fg fVfXfef€,©,çf[]fjfk< fRf"fsf...[]f^ (fŠf,[]fg fVfXfef€-¼,ÉfsfŠfIfh,²Žg,í,è,Ä,ç  
,é,ì,Áft[]fU[][-¼,²•K[]{) ,ÉfRfs[],,é,É,íAŽŸ,ì,æ,æ,É"ü—í,μ,Ä,,¾,¾,çB

rcp 11.101.12.1.user:filename filename



## Rexec

RExec fT [frfX,žžÀs't,lfŠf, [fg fRf"fsf... [f^ ,ÅfRf}}f"fh,žžÀs,μ,Û, ·B**rexec**  
 ,Å, íAŽw'è,μ,½fRf}}f"fh,žžÀs,·,é'O,ÉAfŠf, [fg fRf"fsf... [f^ ,Åft [fU [-¼,đ" F∅,μ,Û, ·B,±,lfRf}}f"fh,í  
 TCP/IP fv [fgfRf<,əfCf" fXfg [f<,³,é,Å,č,éé [f,ì,Ý—L∅,Å, ·B

**rexec** fRf"fsf... [f^ [-l ft [fU [-¼] [-n] fRf}}f"fh

**fpf%of [f^**

fRf"fsf... [f^

fRf}}f"fh,žžÀs,³,é,éŠf, [fg fRf"fsf... [f^ ,žžw'è,μ,Û, ·B

**-l** ft [fU [-¼

fŠf, [fg fRf"fsf... [f^ ,lf [fU [-¼,žžw'è,μ,Û, ·B

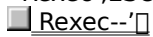
-n

**rexec** ,ì"ü—í,đ NULL ,ÉŠf\_fCf∅fNfg,μ,Û, ·B

fRf}}f"fh

ŽÀs,·,éRf}}f"fh,žžw'è,μ,Û, ·B

Rexec ,ÉŠÖ,·,éÚ× [f^•ñ



Rexec--'



## Rexec--'

### •W€“@ì

**rexec** ,íAfpfXf[fh,ì“ü—í,ð<β,éffbfZ[fW,ð•\Ž!,μAfŠf,[fg fRf“fsf...[f^,Å—  
^,!,ç,è,½fpfXf[fh,ð”F∅,μ,Ü,·B”F∅,É—CE÷,·,é,Æ[AfRf}f“fh,ŽÀs,³,è,Ü,·B

**rexec** ,Å,íA•W€“ü—í,afŠf,[fg fRf}f“fh,ÉA•W€“o—í,ª,»),ì•W€“o—í,ÉA•W€fGf  
%o[„,»),ì•W€fGf%o[„,ÉfRfs[„,³,è,Ü,·BS„,èž,ÝA|—¹A,“,æ,Ń|—¹M|t,íAŠf,[fg  
fRf}f“fh,É“„,!,ç,è,Ü,·B^è”É,ÉAfŠf,[fg fRf}f“fh,ŽÀs,³,è,é,Æ **rexec** ,í|—¹,μ,Ü,·B

### fŠf\_fCfCfNfg<L|t,ìŽg—p-@

fŠf,[fg fRf“fsf...[f^,ÉfŠf\_fCfCfNfg,·,é,É,íAŠf\_fCfCfNfg<L|t,ð“ñd^ø—p•,, (“),Å^í,Ý,Ü,·B“ñd^ø—  
p•,,,ðŽg,í,È,“,è,íAŠf[fjfk fRf“fsf...[f^,ÅfŠf\_fCfCfNfg,ª”|μ,μ,Ü,·B,½,Æ,!,íAZŽ,ìfRf}f“fh,Å,íAŠf,[fg  
ftf@fCf< remotefile ,ªAŠf[fjfk ftf@fCf< localfile ,É•t,“%Å,!,ç,è,Ü,·B

rexec othercomputer cat remotefile >> localfile

ŽŸ,ìfRf}f“fh,Å,íAŠf,[fg ftf@fCf< remotefile ,ªAŠf,[fg ftf@fCf< otherremotefile ,É’Ç%Å,³,è,Ü,·B  
rexec othercomputer cat remotefile ">>" otherremotefile

### ‘î~bC^fRf}f“fh,ìŽg—p-@

,Ü,Æ,ñ,ç,ìî~bC^fRf}f“fh,íŽÀs,Å,«„,Ü,¹,ñB,½,Æ,!,íA**arexec** ,ðŽg,Å,Å **vi** ,Ü,½,í **emacs** ,ðŽÀs,·,é,±  
,Æ,í,Å,«„,Ü,¹,ñBî~bC^fRf}f“fh,ðŽÀs,·,é,É,í **telnet** ,ðŽg,ç,Ü,·B

Rexec ,ÉŠÖ,·,éÚ×î•ñ



Rexec



### Route

fjfbfgf[] [fn f<[] [fefBf"fo fe[] [fuf<, dZæ, è^µ, ç, Ü, ·[]B, ±, ìfRf}f"fh, í TCP/IP fv[] fgfRf<, afCf"fxfg[] [f<,³, è, Ä, ç, é, ê, ð, ì, ÿ—LCEø, Å, ·[]B

**route** [-f] [-p] [fRf}f"fh ['—[]M[]æ] [**mask** fTfufjfbfgf}fXfN] [fQ[] [fgfEfFfC] [**metric** fRfXfgf[]fgfSfbfN]]

**fpf%o**f[] [f^

### -f

, ·, x, Ä, ìfQ[] [fgfEfFfC fGf"fgfS, ìf<[] [fefBf"fo fe[] [fuf<, dÄZ, µ, Ü, ·[]BfRf}f"fh, Æ, Æ, à, É, ±, ìfpf %o[] [f^, dZw'è, ·, é, Æ[]Afe[] [fuf<, a[]ÄZ,³, è, Ä, ©, ç, »., ìfRf}f"fh, aZÄ[]s,³, è, Ü, ·[]B

### -p

**add** fRf}f"fh, Æ, Æ, à, ÉZg—p, ·, é, Æ[]AfvfXfef€, ì<N"® , dCEJ, è·Ö, µ, Ä, àf<[] [fg (CEo~H) , a·ì, í, ç, È, ç, æ, x, É, µ, Ü, ·[]BSù'è, ì[]Y'è, Ä, ì[]Af<[] [fg, ìfvfXfef€, a[]Ä<N"® , ·, é, Æ·ì, í, é, ±, Æ, a, , è, Ü, ·[]B**print** fRf}f"fh, Æ, Æ, à, ÉZg—p, ·, é, Æ[]Af<[] [fg, a·ì, í, ç, È, ç, æ, x, É"o~^,³, è, ½f<[] [fg, ì^è—, d[]o— ì, µ, Ü, ·[]B, »., ì¼, ìfRf}f"fh, ì[]AZw'è, µ, Ä, à-³Z<,³, è, Ü, ·[]B

fRf}f"fh

Zÿ, ì 4 , Ä, ìfRf}f"fh, ©, ç 1 , ÄZw'è, µ, Ü, ·[]B

**fRf}f"fh** -Ü"l

**print** f<[] [fg, d[]o— ì, µ, Ü, ·[]B

**add** f<[] [fg, d'Ç %oÄ, µ, Ü, ·[]B

**delete** f<[] [fg, d[]i[]œ, µ, Ü, ·[]B

**change** Šù'¶, ìf<[] [fg, d[]C³, µ, Ü, ·[]B

'—[]M[]æ

fRf}f"fh, ì'—[]M[]æ, Æ, È, éfRf"fsf...[] [f^, dZw'è, µ, Ü, ·[]B

**mask** fTfufjfbfgf}fXfN

, ±, ìf<[] [fg fGf"fgfS, ÆŠÖ~A·t, -, ç, è, éfTfufjfbfg f}fXfN, dZw'è, µ, Ü, ·[]BZw'è,³, è, È, ç []è[]#A255.255.255.255, aZg, í, è, Ü, ·[]B

fQ[] [fgfEfFfC

fQ[] [fgfEfFfC, dZw'è, µ, Ü, ·[]B

'—[]M[]æ, Ü, ½, ìfQ[] [fgfEfFfC, ÉZg, x, ·, x, Ä, ìfvf" f{fSfbfN-¼, ì[]A, »., è, ¼, èfjfbfgf[] [fN, ", æ, ÑfRf"fsf...[] [f^ - ½ff[] [f^fx[] [fX ftf@fCf< NETWORKS , ", æ, Ñ HOSTS , ì'†, ÅCEÿø,³, è, Ü, ·[]BfRf}f"fh, a **print** , Ü, ½, ì **delete** , Ä, , è, ì[]A'—[]M[]æ, ÆfQ[] [fgfEfFfC, Éf[]fCf<fhj[] [fh, dZg—p, ·, é, ©[]A, Ü, ½, ìfQ[] [fgfEfFfC^ø[]", d[]È— a, Ä, <, Ü, ·[]B

**metric** fRfXfgf[]fgfSfbfN

[]Ä, à[], '—, Ä[]A[]M—Š[]«, a[], .[]AfRfXfg, ì'á, çf<[] [fg, dZ[]o, ·, é, ì, ÉZg, í, è, éfRfXfgf[]fgfSfbfN[] [®] (1 , ©, ç 9999 , ì"í'í) , dZw'è, µ, Ü, ·[]B



## Rsh

RSH ft [f]fX,žŽÀs't,ifŠf, [fg fRf"fsf... [f^,ÅfRf})f"fh,žŽÀs,μ,Ü,·□B,±,lfRf})f"fh,í TCP/IP  
fvf [fgfRf<,³fCf"fxfg [f<,³,ê,Ä,ç,éé [f,ì,Ý—LCEø,Ä,·□B

**rsh** fRf"fsf... [f^ [-l ft [fU [-¼] [-n] fRf})f"fh

**fpf%**o f [f^

fRf"fsf... [f^

fRf})f"fh,žŽÀs,³,ê,éŠf, [fg fRf"fsf... [f^,žŽw'è,μ,Ü,·□B

**-l** ft [fU [-¼]

fŠf, [fg fRf"fsf... [f^,ÅŽg,xf+ [fU [-¼,žŽw'è,μ,Ü,·□B-¼'O,žžÈ—ª,·,é,Æ□Af□OfIf",μ,½ft [fU [-¼,žŽg,ç,Ü,·□B

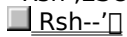
-n

**rsh** ,ì"ü—í,ž NULL ,ÉfŠf\_fCfÆfNfg,μ,Ü,·□B

fRf})f"fh

ŽŽÀs,·,éRf})f"fh,žŽw'è,μ,Ü,·□B

Rsh ,ÉŠÖ,·,éÚ×î•ň



Rsh--'



## Rsh--'

### •W€“@ì

rsh ,íA•W€“ü—í,đšf,[]fg fRf}f“fh,É[]Afšf,[]fg fRf}f“fh,í•W€“o—í,đ,» ,í•W€“o—í,É[]Afšf,[]fg fRf}f“fh,í•W€“fGf%[][,đ,» ,í•W€“fGf%[][,ÉfRfs[][,μ,Ü,·[]B^ê“É,É[]Afšf,[]fg fRf}f“fh,đŽÀ[]s,·,é,Æ[]Arsh ,í[]—¹,μ,Ü,·[]B

### fšf\_fCfCfNfg<L[]t,ìŽg—p-@

fšf,[]fg fRf“fsf...[]f^ ,Éfšf\_fCfCfNfg,·,é,É,í[]Afšf\_fCfCfNfg<L[]t,đ“ñ[]d^ø—p•,, ,Á^í,Ý,Ü,·[]B“ñ[]d^ø—p•,, ,đŽg,í,È,¯ ,é,í[]Af[][]fjfk fRf“fsf...[]f^ ,Áfšf\_fCfCfNfg,“[][]μ,Ü,·[]B,½,Æ,í,í[]AZÿ,lfRf}f“fh,Á,í[]Afšf,[]fg ftf@fCf< remotefile ,“[]Af[][]fjfk ftf@fCf< localfile ,É•t,¯%Á,¡,ç,ê,Ü,·[]B

rsh othercomputer cat remotefile >> localfile

Žÿ,lfRf}f“fh,Á,í[]Afšf,[]fg ftf@fCf< remotefile ,“[]Afšf,[]fg ftf@fCf< otherremotefile ,É‘Ç%Á,³,ê,Ü,·[]B

rsh othercomputer cat remotefile ">>" otherremotefile

### rsh ,ìŽg—p-@

Windows NT Server ,đŽÀ[]s,·,éRf“fsf...[]f^ ,đŽg,“[]ê[][]Aft[][]fU[][-¼,đCEÿ[] ,·,é,½,B,É[]Af[][]Ofjfk“ ,μ,½fhf[][]fCf“—p,lfvf%[][]fCf}fš fhf[][]fCf“ fRf“fgf[][]f%[] ,đ—~—p%Á“\ ,É,μ,È,¯ ,é,í[]Arsh fRf}f“fh,íŽÀ[]s,³,ê,Ü,¹,ñ[]B

### .rhosts ftf@fCf<

^ê“É,É[]AUNIX fvXfef€ ,Á,í .rhosts ftf@fCf< ,É,æ,èf[]fbfgf[][]fN,Ö,lfAfNfZfXCE ,đ<-%Á,μ,Ü,·[]B.rhosts ftf@fCf< ,É,í[]Afšf,[]fg fRf“fsf...[]f^ ,Ö,lfAfNfZfXCE ,đŽ[] ,ÁfRf“fsf...[]f^ -¼,Æ[]A,» ,é,ÉŠÖ~A•t,¯ ,ç,ê,½f[][]Ofjfk“-¼,“^ê— ,³,é,Á,ç,Ü,·[]B.rhosts ftf@fCf< ,“[]³,μ,[][]¯ ,³,é,Á,ç,é,éšf,[]fg fzfXfg,É^í,μ,Á[]Arcp[]Arexec[]A,Ü,½,í rsh fRf}f“fh,đŽÀ[]s,·,é[]ê[][] ,í[]Afšf,[]fg fRf“fsf...[]f^ ,É^í,·,é,é[]Ofjfk“^î•ñ,ÆfjpfXf[][]fh[]î•ñ,đ“ü—í,·,é•K—v,í , ,è,Ü,¹,ñ[]B

.rhosts ftf@fCf< ,í[]AŠe[]s,“šefGf“fgfš ,É,È,Á,Ä,ç ,éfefLfXfg ftf@fCf< ,Á,·[]BfGf“fgfš ,í[]Af[][]fjfk fRf“fsf...[]f^ -¼[]Af[][]fjfk f[][]fU[][-¼[]A,¯ ,æ,Ñ,» ,lfGf“fgfš ,ÉŠÖ,·,éRf[]f“fg ,© ,ç,È,Á,Ä,ç,Ü,·[]BŽÿ,ì,æ,“ ,É[]AŠefGf“fgfš ,lf^fu,Ü,½,í<ó”•¶Žš,Á<æ[]Ø,ç,é[]AfRf[]f“fg ,lfnfjVf...<L[]t (#) ,ÁŽn,Ü,Á,Ä,ç,Ü,·[]B

computer5 marie #This computer is in room 31A

.rhosts ftf@fCf< ,í[]Afšf,[]fg fRf“fsf...[]f^ ,lf[][]fU[][,lfz[][]f€ fffBfCfNfgfš ,É,È,¯ ,é,Í,È,è,Ü,¹,ñ[]Bšf,[]fg fRf“fsf...[]f^ ,ÉCEÁ—L,ì .rhosts ftf@fCf< ,ìŽÀ^• ,É,Á,ç,Ä,í[]Afšf,[]fg fvXfef€,lf}fjfk...fAf< ,đŽQ[]Æ,μ,Ä,- ,¾,¾,ç[]B

Rsh ,ÉŠÖ,·,é[]Ú[]x[]î•ñ



## Rsh





## Tftp

TFTP fTfX,đŽÅs't,İfŞf,İfg fRf"fsf...İf^,Æ,İŠÖ,ÅAftf@fCf<,đ"J'—,µ,Ü,·İB,±,İfRf}f"fh,Í TCP/IP fvfİfgfRf<,ŞfCf"Xfgİf<,<sup>3</sup>,é,Ä,ç,éİêİ,İ,Ý—LCEø,Ä,·İB

**tftp [-i] fRf"fsf...İf^ [get | put] "J'—CE<sup>3</sup> ["J'—İæ]**

**fpf%oİfİf^**

**-i**

fofCfİfŞ fCfİİfW"J'—f,İfh (fİfNfefbfg,Æ,àCEÄ,Ñ,Ü,·) ,đŽw'è,µ,Ü,·İBofCfİfŞ fCfİİfW f,İfh,Ä,ÍAftf@fCf<,İfofCfg,<sup>2</sup>,Æ,É,»,İ,Ü,Ü^Ú"®,<sup>3</sup>,é,Ü,·İBofCfİfŞ ftf@fCf<,đ"J'—,·,é,Æ,«,É,ÍA,±,İf,İfh,đŽg,ç,Ü,·İB

**-i**,đÈ—<sup>a</sup>,·,é,ÆAftf@fCf<,Í ASCII f,İfh,Ä"J'—,<sup>3</sup>,é,Ü,·İB,±,é,İSù'è,İ"J'—f,İfh,Ä,·İB,±,İf,İfh,Ä,ÍAEOL •ŋŽš,ŞAUNIX ,İêİ,İfİffŞfbfW fŞf^İf",ÉAfpİfİfİf< fRf"fsf...İf^,İêİ,İfİffŞfbfW fŞf^İf"/f%ofCf" ftfBİfh,É•İŠ,<sup>3</sup>,é,Ü,·İBfefLXfg ftf@fCf<,đ"J'—,·,é,Æ,«,É,ÍA,±,İf,İfh,đŽg,í,È,·,é,İ,È,è,Ü,<sup>1</sup>,ñBftf@fCf<"J'—,É—CE+,·,é,ÆAftf@fCf<"J'—ŽŽŠÖ,<sup>a</sup>•Žİ,<sup>3</sup>,é,Ü,·İB fRf"fsf...İf^

fİİfİf<A,Ü,½,İfŞf,İfg fRf"fsf...İf^,đŽw'è,µ,Ü,·İB

**put**

fİİfİf< fRf"fsf...İf^,İ"J'—CE<sup>3</sup>,Şf,İfg fRf"fsf...İf^,İ"J'—İæ,É"J'—,<sup>3</sup>,é,Ü,·İB

**get**

Şf,İfg fRf"fsf...İf^,İ"J'—CE<sup>3</sup>,Şf,İfg fRf"fsf...İf^,İ"J'—İæ,É"J'—,<sup>3</sup>,é,Ü,·İB

İA%o,ÉŽw'è,·,éftf@fCf<,Şf,İfg fRf"fsf...İf^İä,É, ,èA2 "Ö-Ú,ÉŽw'è,·,éftf@fCf<,Şf,İfg fRf"fsf... İf^İä,É, ,éİêİ,ÍA**put** ,đŽg—p,µ,Ä,<sup>3/4</sup>,çİA%o,ÉŽw'è,·,éftf@fCf<,Şf,İfg fRf"fsf... İf^İä,É, ,èA2 "Ö-Ú,ÉŽw'è,·,éftf@fCf<,Şf,İfg fRf"fsf...İf^İä,É, ,éİêİ,ÍA**get** ,đŽg—p,µ,Ä,-<sup>3/4</sup>,çİB

fİİfİf< ftf@fCf<,<sup>a</sup> - ,Ä, ,é,ÍAftf@fCf<,Í **stdout** İä,Éİ—Í,<sup>3</sup>,é,é,© (**get** ,đŽw'è,µ,½İêİ)A,Ü,½,Í **stdin** ,©,ç"Ç,Ýİ,Ü,è,Ü,· (**put** ,đŽw'è,µ,½İêİ)İ"J'—İæ,İftf@fCf<-¼,đÈ—<sup>a</sup>,·,é,ÆA"J'—CE<sup>3</sup>,Æ"- ,İ-¼'O,Ä, ,é,Æ'z'è,<sup>3</sup>,é,Ü,·İB

**tftp** fvfİfgfRf<,Ä,İftf@fU[,"FİØ,Şfİİfg,<sup>3</sup>,é,È,ç,İ,ÄAftf@fU[,"Şf,İfg fRf"fsf... İf^,Éfİfİf",µ,È,·,é,İ,È,è,Ü,<sup>1</sup>,ñB,Ü,½Aftf@fCf<,İfŞf,İfg fRf"fsf...İf^,Ä',«İ,Ý%oÄ" ,Ä,È,·,é,İ,È,è,Ü,<sup>1</sup>,ñB

"J'—CE<sup>3</sup>

"J'—,·,éftf@fCf<,đŽw'è,µ,Ü,·İB

"J'—İæ

ftf@fCf<,İ"J'—İæ,đŽw'è,µ,Ü,·İB



## Tracert

**tracert [-d] [-h] [-j] [-w] f^fCf€fAfEfg] f^[]fQfbfg-¼**

,±,ì[]f'ff[]fBfŠfB,í[]AICMP (Internet Control Message Protocol; fCf'f^[]f[]fBfg[]\$CEä[]fbfZ[]fW fvf[]fgfRf<) fGfR[]f pfPfBfg,É,³,Ü,´,Ü,È TTL (Time-To-Live; —LCEøŠúCEÀ) ,ì'l,ð[]Ü,¹,Ä^¶,Ä[]æ,É'—[]M,·,é,± ,Æ,Ä[]A^¶,Ä[]æ,Ö,ìf<[]f[]g,ð"É,«Ž~ ,β,Ü,·[]BfPfX[]ä,ìŠef<[]f^[][],Ä,í[]AfpfPfBfg,ð'—[]M,·,é'Ö,É[]AfpfPfBfg[]ä,ì TTL ,ð[],È,Æ,à 1 ,¾,¯CE,³,¹,é•K—v,ª, ,è,Ü,·[]B,±,π,·,é,±,Æ,Ä[]ATTl ,íŽÄ[]Ü,ìfzfbfv f[]fE'f'fg,É,È,è,Ü,·[]BfPfPfBfg[]ä,ì TTL ,ª 0 ,É,È,Ä,½,ç[]Af<[]f^[][],í[]A'—[]MCE³fVfXfef€,É ICMP Time Exceeded f[]fbfZ[]fW,ð'—,è•Ö,·,±,Æ,É,È,Ä,Ä,ç,Ü,·[]B**tracert** ,í[]A,Ü,·[]AfGfR[]f pfPfBfg,É TTL 'l 1 ,ð[]Ü,¹,Ä'—[]M,µ[]AZÿ,ìf<[]f^[][],ÉfGfR[]f pfPfBfg,ª'—[]M,³,è,é,½,Ñ,É TTL ,ð 1 ,¾,´[]•ª,µ,Ä,ç ,«,Ü,·[]Bf^[]fQfbfg,ª%ž"š,·,é,©[]A[]Ä'ä TTL ,É'B,·,é,Ü,Ä,±,è,ðEp'±,µ,Ü,·[]B**tracert** ,í[]A'†ŠÖ,ìf<[]f^[][],©,ç'—,è•Ö,³,è,½ ICMP Time Exceeded f[]fbfZ[]fW,ð'²,x,Äf<[]f^[][],ð"É,«Ž~ ,β,Ü,·[]Bf<[]f^[][],ì't,É,í[]A—LCEøŠúCEÀ,ì[]Ø,è,½fPfPfBfg,ð %½,ì'É'm,à[]o,³,·,É'—[]o,µ,È,ç,à,ì,ª, ,é,±,Æ,É'[]Ö,µ,Ä,,¾,³,ç[]B,±,ì[]è[]#[]A**tracert** ,Ä,ì,± ,ìŽí,ìf<[]f^[][],í[]CE°,ì,Ü,¹,ñ[]B

### f[]f%[]f[]f^

#### -d

fAfhfCEfX, ©,çfRf'fsf...[]f^¼,Ö,ì%ðCE^,ðŽÄ[]s,µ,Ü,¹,ñ[]B

#### -h []A'áfzfbfv"

f^[]fQfbfgCEÿ[]ð—p,ì[]A'áfzfbfv",ðŽw'è,µ,Ü,·[]B

#### -j fRf'fsf...[]f^è—

fRf'fsf...[]f^è—,ì<[]q,É%è^,Ä,ÄŠÉ,â,©,É'—[]MCE³f<[]fg (loose source route) ,ðŽw'è,µ,Ü,·[]B

#### -w f^fCf€fAfEfg

f^fCf€fAfEfg,ÄŽw'è,µ,½f~fŠ•b,¾,¯A%ž"š,·,é,ì,ð-^%ñ'Ö,ì,Ü,·[]B

f^[]fQfbfg-¼

f^[]fQfbfg fRf'fsf...[]f^,ì-¼'Ö,Ä,·[]B



## Debug

Debug ,đ·N“ ® ,μ,Û,·□B,±,lfvf□fOf%of€,đŽg—p,·,é,Æ□AMS-DOS ŽÄ□s%oÁ“\  
ftf@fCf<,lfefXfg,âfffofbfO,ª,Å,«,Û,·□B

**debug** [[fhf%ofCfu:][fpfX]ftf@fCf<-¼ [fefXfgftf@fCf<fpf%of□□f^]]

**fpf%of□□f^**

[fhf%ofCfu:][fpfX]ftf@fCf<-¼

fefXfg,·,éŽÄ□s%oÁ“\ftf@fCf<,î^Ê'u,Æ-¼'O,đŽw'è,μ,Û,·□B

fefXfgftf@fCf<fpf%of□□f^

fefXfg,·,éŽÄ□s%oÁ“\ftf@fCf<,É·K—v,ÈfRf}f“fh□s□î·ñ,đŽw'è,μ,Û,·□B

Debug ,ÉŠÖ,·,é□Ú□×□î·ñ



Debug--%ođ□à



Debug fRf}f“fh



<sup>1</sup>,μ,Ü,·□B  
**r** 1  
 ,Ä,Ü,½,í•;□",ìfCEfWfXf^,ì"à  
 —e,ð•\Ž!,μ,Ü,·□B  
**s** Žw'è,μ,½ 1  
 ,Ä,Ü,½,í•;□",ìfofCfg,©,ç,È,  
 éfpf^□[f",ð□Af□f,fŠ"à,ì, ,é  
 —ì^æ,ÄCEÏ□ð,μ,Ü,·□B  
**t** -½—β,ð 1  
 ,ÄŽÄ□s,μ□A,·,x,Ä,ìfCEfWfXf  
 ^,ì"à—e□A,·,x,Ä,ìftf  
 %ofO,ì□ó'Ó□A,·,æ,Ñ Debug  
 fRf}}f"fh,ªŽÏ,ÉŽÄ□s,·,éfffR□  
 [fhCE`Ž@,ì-½—β,ð•\  
 Ž!,μ,Ü,·□B  
**u** ŠefofCfg,ð<tfAfZf"fu<,μ□A,  
 ».,é,É'Í%ž,·,éf□[fX  
 fXfe□[fgf□"fg,ì"à—e,ð•\  
 Ž!,μ,Ü,·□B  
**w** fefXfg't,ìftf@fCf<,ðfffBfXfN,  
 É□',«□o,μ,Ü,·□B  
**xa** Šg'Éf□f,fŠ,ðŠ,,è"—,Ä,Ü,·□B  
**xd** Šg'Éf□f,fŠ,ìŠ,,è"—,Ä,ð  
 %oð□œ,μ,Ü,·□B  
**x** Šg'Éf□f,fŠ  
**m** fy□[fW,ðf}fbfv,μ,Ü,·□B  
**xs** Šg'Éf□f,fŠ,ì□ó'Ó,ð•\  
 Ž!,μ,Ü,·□B

**•;□",ìfRf}}f"fh fpf%of□□[f^,ð<æ□Ø,é□è□‡**

**q** fRf}}f"fh,ð□œ,,·,x,Ä,ì Debug fRf}}f"fh,É,í□Afpf%of□□[f^,ðŽw'è,Ä,«.,Ü,·□B•;□",ìfpf%of□□[f^,ðfRf"fg}  
 ,Ü,½,ìfXfy□[fX,Ä<æ□Ø,Ä,ÄŽw'è,Ä,«.,Ü,·ª□A2 ,Ä,ì 16 □i'l,ð<æ□Ø,é□è□‡'ÉŠO,í□A,±,é,ç,ì<æ□Ø,è•¶ŽŠ,ð□È  
 —ª,Ä,«.,Ü,·□B,μ,½,ª,Ä,Ä□AZÏ,ìfRf}}f"fh,ì"·,¶<@"\,Ä,·□B

dcs:100 110

d cs:100 110

d,cs:100,110

**—LCEø,ÈfAfhfCEfX fgf"fgfŠ,ðŽw'è,·,é•û-@**

Debug fRf}}f"fh,ìfAfhfCEfX fpf  
 %of□□[f^,í□Afpf,fŠ,ì^É'u,ðŽw'è,μ,Ü,·□BfAfhfCEfX,Æ,í□Afpf<ftf@fxfbf,É,æ,éfZfOf□"fg fCEfWfXf^,Ü,½,ì  
 4 CE...,ìfZfOf□"fg fAfhfCEfX,Æ□AflftfZfbfg'l,Æ,ç,ª 2 ,Ä,ì"•ª,ÄŽw'è,·,é□€-Ü,Ä,·□BfZfOf□"fg  
 fCEfWfXf^,Ü,½,ìfZfOf□"fg fAfhfCEfX,ð□È—ª,μ,Ä□AflftfZfbfg'l,ì,Ï,ðŽw'è,·,é,±,Æ,à,Ä,«.,Ü,·□Ba, **g, l, t, u,**  
 ·,·,æ,Ñ **w** fRf}}f"fh,ìŠù'è,ìfZfOf□"fg,í□ACS ,Ä,·□B,Ü,©,ì,·,x,Ä,ìfRf}}f"fh,ìŠù'è,ìfZfOf□"fg,í□ADS  
 ,Ä,·□B,·,x,Ä,ì□"l,ì 16 □iCE`Ž@,ÄŽw'è,μ,Ü,·□B  
 ŽÏ,ì 2 ,Ä,ì—LCEø,ÈfAfhfCEfX,ðŽ!,μ,Ä,ç,Ü,·□B

CS:0100

04BA:0100

fZfOf[]f"fg-¼,ÆfiftfZfbfg'l,ífRf[]f" ,Åæ[]Ø,ç,È,¯,ê,Í,È,è,Û,¹,ñ[]B

**—LCEø,È"í^ífGf"fgfŠ,ðŽw'è,.,é•û-@**

Debug fRf}}f"fh,ì"í^ífpf%o[]f^,í[]A[]f[]f,š,ì"í^í,ðŽw'è,μ,Û,·[]B"í^í,ðŽw'è,.,é,É,í[]AŠJŽnfAfhfCEfX,Æ[]I—  
¹fAfhfCEfX,ðŽg—p,.,é•û-@,Æ[]AŠJŽnfAfhfCEfX,Æ"í^í,ì',³ (I ,ĂŽ!,μ,Û,·) ,ðŽg—p,.,é•û-@,ª, ,è,Û,·[]B  
,½,Æ,!,î[]AŽŸ,ì 2 ,Ă,ì[]\•¶,í[]A,Ç,¿,ç,à CS:100 ,©,çŽn,Û,é 16 fofCfg,ì"í^í,ðŽw'è,μ,Û,·[]B

cs:100 10f

cs:100 1 10

Debug ,ÉŠÖ,.,é[]Ú[]×[]î•ñ

Debug fRf}}f"fh

Debug



### Debug F A (Assemble)

8086/8087/8088 f j f j f b f N, đ f A f Z f " f u f <, μ, Ä A f f, f Š, É ' ¼ U " ü, è, Ü, · B

, ±, l f R f } f " f h, í A f A f Z f " f u f Š C E ¾ C E è, l f X f e [ f g f " f g, ©, ç A Ž À [ s % Å " \, È f } f V f "

f R [ f h, đ [ [ - , μ, Ü, · B, ·, x, Ä, ì " ' l, í A 1 C E ..., ©, ç 4 C E ..., Ü, Å, ì 16 [ i C E ` Ž ®, Å " ü —

í, μ, È, -, è, í, È, è, Ü, ¹, ñ B f l f y f C E [ f v f # f " f R [ f h ( f l f y f R [ f h ) , ì ' O, É f v f C E f t f B f N f X f j [ f, f j f b f N, đ Ž w ' è, μ, Ä, -  
, ¾, ³, ç B

a [ f A f h f C E f X ]

f p f % o f [ f ^

f A f h f C E f X

f A f Z f " f u f Š C E ¾ C E è, l f j [ f, f j f b f N, đ " ü — í, ·, é ^ È ' u, đ Ž w ' è, μ, Ü, · B f A f h f C E f X, Æ, μ, Ä A C E ä, É " h " • ¶ Ž š, đ • t, -, , É

16 [ i ' l, đ " ü — í, μ, Ü, · B f A f h f C E f X, đ Ž w ' è, μ, È, -, è, í A ' O % ñ, ì Ž g — p Ž ž, É a f R f } f " f h, a [ l —

¹, μ, ½ ^ È ' u, ©, ç f A f Z f " f u f <, a Ž n, Ü, è, Ü, · B

Š Ö ~ A [ € - Ú

" Á ' è, l f o f C f g, É f f [ f ^, đ " ü — í, ·, é • û - @, É, Â, ç, Ä, í A Debug E (Enter) f R f } f " f h, ì [ €, đ Ž Q [ Æ, μ, Ä, , ¾, ³, ç B

f o f C f g, đ < t f A f Z f " f u f <, ·, é • û - @, É, Â, ç, Ä, í A Debug U (Unassemble) f R f } f " f h, ì [ €, đ Ž Q [ Æ, μ, Ä, , ¾, ³, ç B

Debug F A, É Š Ö, ·, é [ Ú [ × [ î • ñ

Debug F A -- % ð à

Debug F A --- á



### Debug F A--%oðà

#### fj[]f.fjfbfN,ìžg—p-@

fZfOf[]f'fg f[]fo[]f%ofCfh fj[]f.fjfbfN,í[]Acs:, ds:, es:, , ,æ,Ñ ss:,Á,·[]Bfar fSf^[]f",ìj[]f.fjfbfN,í retf  
 ,Á,·[]B·[]Žš—ñ'€[]i—p,ìj[]f.fjfbfN,Á,í[]A·[]Žš—ñ,ìftfCfY,ð-  
 ¾Ž'ì,ÉŽw'è,μ,È,¯,ê,î,È,è,Û,¹,ñ[]B,½,Æ,ì,í[]Af[]f[]fh·[]Žš—ñ (16 frfbfg) ,ð^Ú" @,·,é,É,í  
**movsw**[]Af[]ofCf[]g·[]Žš (8 frfbfg) ,ð^Ú" @,·,é,É,í **movsb** ,ðžg—p,μ,Û,·[]B

#### fWffff"fv,ÆCEÄ,Ñ[]o,μ,ìfAfZf"fuf<

fAfZf"fuf%o,í[]Ashort[]Anear[]A,Û,½,í far fWffff"fv,Û,½,íCEÄ,Ñ[]o,μ,ð[]AfofCf[]g·í^È,É  
 %ož,¶,Äž" @" @"ì,ÉffXfefBf[]fVf[]f" fAfhf[]Cf[]X,ÉfAfZf"fuf<,μ,Û,·[]B,±  
 ,ìžì,ìfWffff"fv,Û,½,íCEÄ,Ñ[]o,μ,í[]AZž,ì,æ,α,É **near** ,Û,½,í **far** fv[]f[]Cf[]t[]f[]B[]f[]N[]f[]X,ðžg—p,·,é,Æ-  
 ³CEø,É,Á,«,Û,·[]B

```
-a0100:0500
0100:0500 jmp 502 ; 2 fofCfg,ì short fWffff"fv
0100:0502 jmp near 505 ; 3 fofCfg,ì near fWffff"fv
0100:0505 jmp far 50a ; 5 fofCfg,ì far fWffff"fv
```

**near** fv[]f[]Cf[]t[]f[]B[]f[]N[]f[]X,ì[]È—ªCE` ,Æ,μ,Ä[]Ane ,ðžg—p,Á,«,Û,·[]B

#### f[][]f[]fh f[]f,fS^È'u,Æf[]ofCf[]g f[]f,fS^È'u,ì<æ·È

f[]f[]f[]%of"fh,ªf[][]f[]fh f[]f,fS^È'u,Û,½,ífofCf[]g f[]f,fS^È'u,ðžQ[]Æ,Á,«,é[]è[]f,í[]Afv[]f[]Cf[]t[]f[]B[]f[]N[]f[]X **word ptr** ,Û,½,í  
**byte ptr** ,ðžg—p,μ,Ä[]f[]f[]f[]^CE^,ðžw'è,μ,È,¯,ê,î,È,è,Û,¹,ñ[]B,±,ì 2 ,Á,ìfv[]f[]Cf[]t[]f[]B[]f[]N[]f[]X,ì[]È—  
 ªCE` ,Æ,μ,Ä[]A,» ,ê,¼,ê **wo** ,Æ **by** ,ðžg—p,Á,«,Û,·[]Bžž,ì—á,í[]A,±,ì 2 ,Á,ìftfH[]f[]f[]fbfg,ðžì,μ,Ä,ç,Û,·[]B

```
dec wo [si]
neg byte ptr [128]
```

#### flfyf%of"fh,ìžw'è

Debug frf[]f"fh,Á,í[]AŠp,©,Á,± (ì ) ,Á^ì,Û,ê,½flfyf%of"fh,ìf[]f,fS^È'u,ðžQ[]Æ,·,é,Æ,ç,α<K-ñ,É[]],ç  
 ,Û,·[]BDebug frf[]f"fh,Á,í[]AŠp,©,Á,±,ðžg—p,μ,È,¯,ê,ì'ìfyf%of"fh,Æf[]f,fS^È'u,ðžQ[]Æ,·,é,ìfyf  
 %of"fh,ð<æ·È,Á,«,Û,¹,ñ[]Bžž,ì—á,í[]A2 ,Á,ìftfH[]f[]f[]fbfg,ðžì,μ,Ä,ç,Û,·[]B

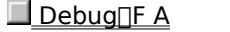
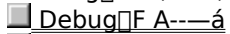
```
mov ax,21 ; AX f[]Cf[]w[]f[]Xf^,É 21h ,ðf[][]f[]fh,·,é
mov ax,[21] ; f[]f,fS^f[]P[]f[]Vf[]f" 21h ,ì"à—e,ð AX f[]Cf[]w[]f[]Xf^,Éf[][]f[]fh,·,é
```

#### <^ž---½—ß,ìžg—p-@

**a** frf[]f"fh,Á,í[]A2 ,Á,ì^è"È"ì,È<^ž---½—ß,ðžg—p,Á,«,Û,·[]B'æ 1 ,ì<^ž---½—ß,í DB  
 flfyfR[]f[]h,Á[]Af[]ofCf[]g'ì,ðfAfZf"fuf<,μ,Ä[]f[]f,fS,É'¼[]Ú"ü,è,Û,·[]B'æ 2 ,ì<^ž---½—ß,í DW  
 flfyfR[]f[]h,Á[]Af[][]f[]h'ì,ðfAfZf"fuf<,μ,Ä[]f[]f,fS,É'¼[]Ú"ü,è,Û,·[]Bžž,ì—á,í[]A,±,ì 2 ,Á,ì<^ž---½—ß,ðžì,μ,Ä,ç  
 ,Û,·[]B

```
db 1,2,3,4,"THIS IS AN EXAMPLE"
db 'THIS IS A QUOTATION MARK: "'
db "THIS IS A QUOTATION MARK: '"
dw 1000,2000,3000,"BACH"
```

### Debug F A ,ÉŠÖ,·,é[]Ú[]×[]í·ñ



#### Debug F A---á

#### Debug F A





### Debug F A---á

a fRf}f“fh,Á,íAŽŸ,ì,æ,æ,É,·,x,Ä,ìCE`Ž®,ìfCEfWfXf^ŠÔÚfRf}f“fh,ðŽg—p,Á,«,Ü,·B

add bx, 34[bp+2].[si-1]

pop [bp+di]

push [si]

,Ü,½A,·,x,Ä,ìfìfR[fh,ì“<`CEê,àŽg—p,Á,«,Ü,·B

loopz 100

loope 100

ja 200

jnbe 200

8087 fìfR[fh,ìê±,íAŽŸ,ì,æ,æ,É wait ,Ü,½,í fwait fvfCEftfBfNfX,ðŽw'è,μ,È,¯,ê,Î,È,è,Ü,¹,ñB

fwait fadd st,st(3) ; ,±,ìs,í fwait fvfCEftfBfNfX,ÁfAfZf“fuf<,³,ê,Ä,ç,Ü,·

Debug F A ,ÉŠÖ,·,éÚ×í•ñ

Debug F A--%øðà

Debug F A



### Debug F C (Compare)

2 ,Ä,lf,f,fš—i^æ,ð"äšr,μ,Ü,·B

c fAfhfCefX"íí fAfhfCefX

**fpf%of[]f^**

fAfhfCefX"íí

"äšr,·,é'æ 1 ,lf,f,fš—i^æ,išJžnfAfhfCefX,Æ[]—

¹fAfhfCefX[]A,Ü,½,íšJžnfAfhfCefX,ÆfAfhfCefX'·,ðžw'è,μ,Ü,·BfAfhfCefX"íí,Éžg—p,Ä,«,é'l,É,Ä,ç

,Ä,í[]ADebug--%oð[]à. fRf}f"fh,ì[]€,ðžQ[]Æ,μ,Ä,,¾,¾,ç[]B

fAfhfCefX

"äšr,·,é'æ 2 ,lf,f,fš—i^æ,išJžnfAfhfCefX,ðžw'è,μ,Ü,·Bžg—p,Ä,«,é'fAfhfCefX'l,É,Ä,ç,Ä,í[]ADebug--

%oð[]à ,ðžQ[]Æ,μ,Ä,,¾,¾,ç[]B

Debug F C ,ÉšÖ,·,é[]Ú[]×[]í·ñ

Debug F C--%oð[]à

Debug F C---á



**Debug F C--%oðà**

f f, fš—ì^æ, ì"í^í, Æf AfhfCefX, æ"¯, ¶, Å, , ê, î A%o½, à •\Žì,³,ê, , É'¼Ú Debug fvf f"fvfg, É-ß, è, Û, ·B—  
¼ŽO, æ^Ù, È, éêê‡, íAŽÿ, ì"äŠrC<%oÊ, æŽÿ, ìC`Ž@, Å•\Žì,³,ê, Û, ·B

fAfhfCefX1 fofCfg1 fofCfg2 fAfhfCefX2

Debug F C , ÉŠÖ, ·, éÚ×î•ñ

Debug F C--—á

Debug F C



**Debug F C---á**

ŽŸ,ì 2 ,Â,lfRf}f“fh,ìĈ∅%oÊ,í“~,¶,Â,·B

c100,10f 300

c100110 300

,±,ì 2 ,Â,lfRf}f“fh,íA,Ç,ì,ç,à 100h ,©,ç 10Fh ,Ü,Â,lfRf,fŠ fufRfbfN,ðA300h ,©,ç 30Fh ,Ü,Â,lfRf,fŠ fufRfbfN,Æ”äŠr,μ,Ü,·B

ã·L,ì,Ç,ì,ç,lfRf}f“fh,ð“ü—Í,μ,½êþ,àAZŸ,ì,æ,æ,É·Ž,³,ê,Ü,· (DS = 197F ,Æ’z’è,μ,½êþ)B

- 197F:0100 4D E4 197F:0300
- 197F:0101 67 99 197F:0301
- 197F:0102 A3 27 197F:0302
- 197F:0103 35 F3 197F:0303
- 197F:0104 97 BD 197F:0304
- 197F:0105 04 35 197F:0305
- 197F:0107 76 71 197F:0307
- 197F:0108 E6 11 197F:0308
- 197F:0109 19 2C 197F:0309
- 197F:010A 80 0A 197F:030A
- 197F:010B 36 7F 197F:030B
- 197F:010C BE 22 197F:030C
- 197F:010D 83 93 197F:030D
- 197F:010E 49 77 197F:030E
- 197F:010F 4F 8A 197F:030F

fAfhfĈfX 197F:0106 ,Æ 197F:0306 ,æê—,©,çĈþ—Ž,μ,Ä,ç,é,±,Æ,É’^Ó,μ,Ä,,¾,³,çB,±,ê,íA,±,ì 2 ,Â,lfAfhfĈfX,ì’l,æ“~,¶,Â, ,é,±,Æ,ð^Ó-i,μ,Ü,·B

Debug F C ,ÉŠÖ,·,éÚ×í·ñ

Debug F C--%oðà

Debug F C



**Debug F D (Dump)**

Žw'è,³,è,½"í^í,lff,fš fAfhfĀfX,l"à—e,ð•\Ž!,μ,Ü,·B

**d** [fAfhfĀfX"í^í]

**fpf%of** [f^

fAfhfĀfX"í^í

"à—e,ð•\Ž!,³,¹,éfff,fš—í^æ,ìšjžnfAfhfĀfX,Āf—

¹fAfhfĀfXĀ,Ü,½,íšjžnfAfhfĀfX,Ā'·,³,ðŽw'è,μ,Ü,·BfAfhfĀfX"í^í,ÉŽg—p,Ā,«,é'l,É,Ā,ċ,Ā,íĀDebug--

%ođà,ðŽQĀĀ,μ,Ā,,¾,¾,ċBfAfhfĀfX"í^í,ðŽw'è,μ,È,¯,é,îĀ'¼'O,ì **d**

fRf}f"fh,ĀŽw'è,μ,½fAfhfĀfX"í^í,ìl,í,è,©,çĀ128 fofCfg•ª,ì"à—e,ª•\Ž!,³,è,Ü,·B

ŽQĀĀ

fĀfWfXf^,ì"à—e,ð•\Ž!,·,é•ú-@,É,Ā,ċ,Ā,íĀDebug R (Register) fRf}f"fh,ìĀ€,ðŽQĀĀ,μ,Ā,,¾,¾,ċB

Debug F D ,ÉŠÖ,·,éĀÚĀ×Āî•ñ



Debug F D--%ođà



Debug F D---á



**Debug F D--%oðà**

d fRf}f“fh,ðŽg—p,·,é,Æ Af f, fŠ—l^æ, l“à—e, a 2 ,Á, l·”·a, É·a, -, Ä·\Ž, 3, è, Ü, ·B’æ 1 , j·”·a, í 16 i’l  
(ŠefofCfg, í 16 iE`Ž@, Ä·\Ž, 3, è, Ü, ·) , ÄA’æ 2 , j·”·a, í ASCII ‘l (ŠefofCfg’l, í ASCII ·ŕŽš, Æ, µ, Ä·\  
Ž, 3, è, Ü, ·) , Ä, ·B·\Ž·s%oÄ“\, È·ŕŽš, íA, » , è, ¼, è ASCII ·”·a, Éfsfšfjfh ( . ) , ÄŽ, 3, è, Ü, ·BŠe·\Ž·s, í 16  
fofCfg, l“à—e, ðŽ, µA8 fofCfg—Ú, Æ 9 fofCfg—Ú, ðŠÖ, É, ínfCftf“ , a·\Ž, 3, è, Ü, ·BŠe·\Ž·s, í 16  
fofCfg<<ŠE, ©, çŽn, Ü, è, Ü, ·B

Debug F D , ÉŠÖ, ·, éÚ×i·ň

Debug F D--—á

Debug F D



**Debug F D---á**

ŽŸ,lfRf}f“fh,ď“ü—í,μ,½,Æ%¼’è,μ,Ü,·B

dcs:100 10f

Žw’è,μ,½”í’í,ì“à—e,žŸ,ìCE`Ž®,Å•Žì,³,è,Ü,·B

04BA:0100 54 4F 4D 00 53 41 57 59-45 52 00 00 00 00 00 TOM.SAWYER.....

fpf%of[]f^,ďŽw’è,¹,,É d fRf}f“fh,ď“ü—í,·,é,Æ[]A[]ă<L,ì—á,ì,æ,x,ÈCE`Ž®,Å[]AŠe\ Ž![]s,í’O[]s,lfAfhfCEfX,æ,è,à 16 fofCfg (,Ü,½,í[]A40 fff%of€,ì%œ-Ê,Å, ,è,Î 8 fofCfg) ‘â,«,çfAfhfCEfX,©,çŽn,Ü,è,Ü,·B

d fRf}f“fh,É’±,ç,Ä[]Afpf%of[]f^,ďŽw’è,¹,,ÉfRf}f“fh,ď“ü—í,·,é,½,Ñ,É[]A[]ÅCEă,É•\ Žì,³,è,½fofCfg,ì¼CEă,ìfofCfg,â•Žì,³,è,Ü,·B

ŽŸ,lfRf}f“fh,ď“ü—í,·,é,Æ[]ACS:100 ,©,çŽn,Ü,Á,Ä 20h fofCfg•â,ì“à—e,â•Žì,³,è,Ü,·B

dcs:100 1 20

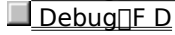
ŽŸ,lfRf}f“fh,ď“ü—í,·,é,Æ[]ACS fZfOf[]f“fg“à,ì 100 ,©,ç 115h ,Ü,Å,ì”í’í,É, ,éŠe[]s,ì[]A,·,x,Ä,ìfofCfg,ì“à— e,â•Žì,³,è,Ü,·B

dcs:100 115

Debug F D ,ÉŠÖ,·,é[]Ú[]×[]í•ň



Debug F D--%œð[]à



Debug F D



**Debug F E (Enter)**

Žw'è,³,è,½f[]f,š fAfhfĀfX,Éff[]f^,ð"ü—í,μ,Ü,·□B

ff[]f^,í 16 □ĀĀ Ž®,Ü,½,í ASCII Ā Ž®,Ā"ü—í,Ā,«,Ü,·□BŽw'è,μ,½fAfhfĀfX,ÉĀÈ'O,©,ç•Ū'¶,³,è,Ā,ç,½ff[]f^,íŽ,í,è,Ü,·□B

e fAfhfĀfX [fŠfXfg]

**fpf%of[]f^**

fAfhfĀfX

ff[]f^,ð"ü—í,·,éf[]f,š,ì□æ"ā^Ē'u,ðŽw'è,μ,Ü,·□B

fŠfXfg

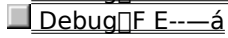
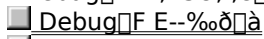
fAfhfĀfX,ĀŽn,Ü,é~A'±,μ,½f[]f,š—ì^æ,É"ü—í,·,éf[]f^,ðŽw'è,μ,Ü,·□B

ŽQ□Ā

fj[]f,fjbfN,ðfAfzf"fuƒ<,·é•û-@,É,Ā,ç,Ā,í□ADebug A (Assemble) fRf}f"fh,ì□€,ðŽQ□Ā,μ,Ā,,¾,³,ç□B

f[]f,š—ì^æ,ì"à—e,ð•Ž|,·,é•û-@,É,Ā,ç,Ā,í□ADebug D (Dump) fRf}f"fh,ì□€,ðŽQ□Ā,μ,Ā,,¾,³,ç□B

Debug F E ,ÉŠÖ,·,é□Ū□×□î•ň







**Debug F E--%øðà**

**fAfhfCfX fpf%of□□[f^,ìŽg—p-@**

fJfVfJf#“ ,ìŠfXfg fpf%of□□[f^ ,ðŽw'è, , ,ÉfAfhfCfX,ì'l,ðŽw'è, ,é,Æ□AfhfCfX,Æ,» ,ì“à—

e□A, ,æ,ÑfsfŠfJfh ( . ) ,ª•\Žì,³,è□Aff□[f^ ,ì“ü—í'Ò, ,É,È,è,Ü, ,□B,±,ìŽž“ \_ ,Å□AZÏ,ì,ç

, ,é, ©,ì'€□ì,ðŽÀ□s,Å,« ,Ü, ,□B



fofCfg'l,ð□',«Š, ,ì,Ü, ,□BCE»□Y,ì'l,ì%øE,É□V,μ,ç'l,ð“ü—í,μ,Ü, ,□BŽg—p,Å,« ,È,ç 16 □ì'l,ð“ü—í, ,é, ©□A2  
CE...,ð' ,ì,é'l,ð“ü—í, ,é,Æ□A-³CEø,É•¶Žš,Ü,½,í—]•ª,É•¶Žš,ìfGfR□[ ,³,è,Ü, ,ñ□B



**Space** fL□[ ,ð%øY, ,Æ□AZÏ,ìfofCfg,É□ì,Ý,Ü, ,□B,» ,ìfofCfg,É“ü,Á,Ä,ç,é'l,ð•ï□X, ,é,É, □ACE»□Y,ì'l,ì  
%øE,É□V,μ,ç'l,ð“ü—í,μ,Ü, ,□B**Space** fL□[ ,ð%øY,μ,½,Æ,« ,É□A8 fofCfg<«ŠE,ð' ,ì,Ä^Ü“ @ , ,é,Æ□AV,μ,ç□s,ª•\  
Žì,³,è□A,» ,ì□s“ª,É□V,μ,çfAfhfCfX,ª•\Žì,³,è,Ü, ,□B



- fL□[ ,ð%øY, ,Æ□A'¼'O,ìfofCfg,É-ß,è,Ü, ,□B- fL□[ ,ðCEJ,è•Ô,μ%øY, ,Æ□A1 fofCfg^È□ä-ß,é,±  
,Æ,ª,Å,« ,Ü, ,□B- fL□[ ,ð%øY, ,Æ□AV,μ,ç□s,ª•\Žì,³,è□ACE»□Y,ìfAfhfCfX,ÆfofCfg'l,ª•\Žì,³,è,Ü, ,□B



**Enter** fL□[ ,ð%øY, ,Æ□Ae fRf}f“fh,ð'tŽ~,μ,Ü, ,□B”C^Ó,ìfofCfg^È'u,Å **Enter** fL□[ ,ð%øY, ,±  
,Æ,ª,Å,« ,Ü, ,□B

**fŠfXfg fpf%of□□[f^,ìŽg—p-@**

fŠfXfg fpf%of□□[f^ ,ì'l,ðŽw'è, ,é,Æ□ASù'¶,ìfofCfg'l,ª^è— , ©,ç,ì'l,É□#”Ò,É□',«Š, ,ì,ç,è,Ü, ,□BfGf%□□[ ,ª”-

□¶, ,é,Æ□AfofCfg'l,ì□',«Š, ,ì,ç,è,Ü, ,ñ□B

fŠfXfg'l,Æ,μ,Ä□A16 □ìfofCfg'l,Ü,½,í•¶Žš—ñ,ðŽg—

p,Å,« ,Ü, ,□B,» ,é,¼,è,ì'l,ìfXfy□[fX□Aff“f}□A,Ü,½,ìf^fu<L□t,Å<æ□ø,è,Ü, ,□B•¶Žš—ñ,ì'P^è^ø—p•, , (')

,Ü,½,ì“ñ□d^ø—p•, , (") ,Å^í,ñ,Å, ,¼,³,ç□B

Debug F E ,ÉŠÖ, ,é□Ú□×□î•ñ



Debug F E--—á



Debug F E



**Debug F E---**

ŽŸ,lfRf}f“fh,đ“ü—í,μ,½,Æ%¼’è,μ,Ü,·B

ecs:100

æ“æfofCfg,ì“à—e,žŸ,ìCE`Ž®,Å•Žì,³,è,Ü,·B

04BA:0100 EB.\_

,±,ì’l,đ 41 ,É•ïX,·,é,É,íAŽŸ,ì,æ,κ,Éfj[f^É’u,É 41 ,Æ“ü—í,μ,Ü,·B

04BA:0100 EB.41\_

e fRf}f“fh,đŽg—p,μ,ÄA•;“” ,ì~A’±,·,éfofCfg’l,đ“ü—í,Å,«,Ü,·B[V,μ,ç’l,đ“ü—í,μ,½CEã,ÅAEnter  
fL[.,Å,í,È, Space fL[.,ð%Ÿ,μ,Ä,,¾,³,çBŽŸ,ì’l,ª•Žì,³,è,Ü,·B,±,ì—á,Å,íASpace fL[.,ð 3 %ñ  
%Ÿ,·,ÆAŽŸ,ì 3 ,Å,ì’l,ª•Žì,³,è,Ü,·B

04BA:0100 EB.41 10. 00. BC.\_

16 ì’l BC ,đ 42 ,É•ïX,·,é,É,íAŽŸ,ì,æ,κ,Éfj[f^É’u,É 42 ,đ“ü—í,μ,Ü,·B

04BA:0100 EB.41 10. 00. BC.42\_

,±,±,ÅA’l 10 ,đ 6F ,É,μ,½,,È,Á,½,Æ%¼’è,μ,Ü,·B,±,ì’l,đ’ù³,·,é,É,íA- fL[.,ð 2 %ñ%Ÿ,μ,ÄfAfhfçfX  
0101 (’l 10) ,É-ß,è,Ü,·BŽŸ,ì,æ,κ,É•Žì,³,è,Ü,·B

04BA:0100 EB.41 10. 00. BC.42-

04BA:0102 00.-

04BA:0101 10.\_

fj[f^É’u,É 6f ,Æ“ü—í,μ,ÄA,±,ì’l,đŽŸ,ì,æ,κ,É•ïX,μ,Ü,·B

04BA:0101 10.6f\_

**Enter** fL[.,ð%Ÿ,·,ÆAe fRf}f“fh,ª’âŽ~,μ,Ä Debug fvf[f“fvfg,É-ß,è,Ü,·B

ŽŸ,ì—á,íA•¶Žš—ñ,đ“ü—í,·,éé¶,đŽì,μ,Ä,ç,Ü,·B

eds:100 "This is the text example"

,±,ì•¶Žš—ñ,íADS:100 ,©,çŽn,Ü,é 24 fofCfg,ðè,ß,Ü,·B

Debug F E ,ÉŠÖ,·,éÚ×î•ñ





### Debug F F (Fill)

Žw'è,³,è,½'l,ðAŽw'è,³,è,½f[]f,fš—l^æ,lfAfhfCefX,É□',«□o,μ,Ü,·□B

ff[]f^,í 16 □iC`Ž®,Ü,½,í ASCII C`Ž®,AŽw'è,Å,«,Ü,·□BŽw'è,μ,½fAfhfCefX,É^È'O,©,ç•Ú'¶,³,è,Ä,ç,½ff[]f^,íŽ,í,è,Ü,·□B

f fAfhfCefX"í^í fšfXfg

**fpf%of[]f^**

fAfhfCefX"í^í

'l,ð"ü—í,·,éff[]f,fš—l^æ,lšJžnfAfhfCefX,Æ□l—

½fAfhfCefX□A,Ü,½,íšJžnfAfhfCefX,Æ'·,³,ðŽw'è,μ,Ü,·□BfAfhfCefX"í^í,ÉŽg—p,Å,«,é'l,É,Ä,ç,Ä,í□ADebug--  
%oð□à,ðŽQ□Æ,μ,Ä,,¾,¾,¾,ç□B

fšfXfg

"ü—í,·,éff[]f^,ðŽw'è,μ,Ü,·□BfšfXfg,l'l,Æ,μ,Ä□A16 □i□□A,Ü,½,í^ø—p•,,Å^í,ň,¾•¶Žš—  
ň,ðŽw'è,Å,«,Ü,·□B

Debug F F ,ÉšÖ,·,é□Ú□×□í•ň

Debug F F--%oð□à

Debug F F---á



Debug F F--%øðà

fAfhfCfX"í^Ífjpf%of[f^,ìŽg—p-@

fAfhfCfX"í^Í,ÅŽw'è,μ,½fofCfg",afŠfXfg,ÅŽw'è,μ,½'l,æ,è,à'å,«,¢  
 ,Æ AfAfhfCfX"í^Í,ì,·,×,Ä,ìfofCfg,É',«o,³,è,é,Ü,Å AfŠfXfg,ì'l,ªEJ,è•Ô,μŠ,,,è"-,Ä,ç,è,Ü,·B  
 fAfhfCfX"í^Í,ÅŽw'è,μ,½fjpf,š,ª•s—Ç,ìèè#A,Ü,½,í'¶Í,μ,È,¢èè#,í AfGf%of[ ffbfZ[fW,ª•Ž!,³,è Af  
 fRf}f"fh,ªl—¹,μ,Ü,·B  
 fŠfXfg fpf%of[f^,ìŽg—p-@  
 fŠfXfg,ÅŽw'è,μ,½fofCfg",afAfhfCfX"í^Í,ÅŽw'è,μ,½fofCfg",æ,è,à'½,¯,è,î AfŠfXfg,ì—]•ª,È'l,í-  
 ³Ž<,³,è,Ü,·B

Debug F F ,ÉŠÖ,·,éÚ×î•ň



Debug F F---á



Debug F F



**Debug F F--—á**

ŽŸ,lfRf}f“fh,ð“ü—í,μ,½,Æ%¼'è,μ,Ü,·B

f04ba:1001100 42 45 52 54 41

,±,lfRf}f“fh,É%ž“š,μ,ÄAŽw'è,μ,½'l,ª 04BA:100 ,©,ç 04BA:1FF ,Ü,Å,lf, fŠ^Ê'u,É',«o,³,ê,Ü,·B100h  
fofCfg,·,x,Ä,É',«o,³,ê,é,Ü,ÅA,±,ì 5 ,Â,ì'l,ªEJ,è•Ô,³,ê,Ü,·B

Debug F F ,ÉŠÖ,·,éÚ×î•ň

Debug F F--%øðà

Debug F.F



### Debug F G (Go)

» f, fŠ, É, , évf fOf %f€ , ŽÀ s, μ, Ü, · B

g [= fAfhf fX] [fuf fNf fCf fg]

f f f f f ^

= fAfhf fX

» f, fŠ, É " ü, Á, Ä, ç, évf fOf %f€

, ŽÀ s, Š J Ž n, , éfAfhf fX, Ž w' è, μ, Ü, · B fAfhf fX, Ž w' è, μ, È, , ê, î fvf fOf %f€, Í CS: IP

f fW fX f ^, ì » f, ì fAfhf fX, ©, ç ŽÀ s, , é, Ü, · B

fuf fNf fCf fg

g fRf } f " fh, ì ^ è " , Æ, μ, Ä Ý è, Á, «, é 1 Ā, ©, ç 10 Ā, Ü, Á, ì ^ è Ž fuf fNf fCf fg, Ž w' è, μ, Ü, · B

Ž Q Æ

f [fv A" ½ • œ • ¶ Ž š — ñ — ½ — β Af ftfg fE fF fAŠ , , è ž, Ý A, Ü, ½, í Tfuf < [ f " , Ž À s, , é • û - @, É, Á, ç

, Ä, í A Debug P (Proceed) fRf } f " fh, ì € , Ž Q Æ, μ, Ä, , ¾, , ç B

1 , Á, ì — ½ — β, Ž À s, , é • û - @, É, Á, ç, Ä, í A Debug T (Trace) fRf } f " fh, ì € , Ž Q Æ, μ, Ä, , ¾, , ç B

Debug F G , É Š Ö , , é Ú × í • ñ

Debug F G -- % ò à

Debug F G --- á



### Debug F G--%øðà

#### fufCE[fNf]fCf“fg fpf%of[f^,ìŽg—p-@

Š|ŽnfAfhfCEfX (fAfhfCEfX fpf%of[f^), ðufCE[fNf]fCf“fg fAfhfCEfX (fufCE[fNf]fCf“fg fpf%of[f^),  
,Æ<æ•Ê,·,é,½,ß,É□AfAfhfCEfX fpf%of[f^,ì’O,É,í“™ □+ (=), ð•t,·,È,·,ê,Î,È,è,Û,¹,ñ□B

#### fufCE[fNf]fCf“fg,ìŽw’è

fvf□fOf%of€ ,í□AfufCE[fNf]fCf“fg,É,Ô,Â,©,é,Æ□AfufCE[fNf]fCf“fg^ê——“à,ì^Ê’u,ÉŠÖCEW,È,-  
'âŽ~ ,µ,Û,·□BŞefufCE[fNf]fCf“fg,É,·,Á,½CE³,ì-½—ß,í□AŠ,,è□ž,ÝfR□[fh,É’uŠ,·³,è,Û,·□B  
fvf□fOf%of€ ,áfufCE[fNf]fCf“fg,É’B,·,é,Æ□ADebug fRf}f“fh,í,·,×,Ä,lfufCE[fNf]fCf“fg fAfhfCEfX,ðCE³,ì-½—  
ß,É•œCE³,µ□A,·,×,Ä,lfCEfWfXf^,ì“à—e□A,·,×,Ä,lfT%ofO,ì□ó’Ô□A,·,æ,Ñ□ÅCEã,ÉŽÀ□s,·³,è,½-½—  
ß,lfR□[fhCEã,ìCE`Ž@,ð•\Ž!,µ,Û,·□BDebug r (register) fRf}f“fh,ðŽg—p,µ,ÄfufCE[fNf]fCf“fg  
fAfhfCEfX,ðŽw’è,µ,½□è□±,Æ“·,¶□î•ñ,ª•\Ž!,³,è,Û,·□B  
fufCE[fNf]fCf“fg,ì,ç,·,è,©,Äfvf□fOf%of€ ,ð’âž~ ,µ,È,·,è,î□AŠ,,è□ž,ÝfR□[fh,íCE³,ì-½—ß,É’uŠ,·³,è,Û,¹,ñ□B

#### fufCE[fNf]fCf“fgY’èŽŽ,ìš-ñ

fufCE[fNf]fCf“fg,í□A8086 flfyfCE□[fVf+“ fR□[fh (flfyfR□[fh) ,ì□æ“afofCfG,ª“ü,Á,Ä,ç  
,éfAfhfCEfX,É,ì,Ý□Y’è,Ä,«,·,Û,·□B10 CEÁ,ð’·,ì,éfufCE[fNf]fCf“fg,ðY’è,·,é,Æ□AZŽ,lf□bfz□[fW,ª•\  
Ž!,³,è,Û,·□B  
bp fGf%□□[

#### ft□[fU□[ fXf^fbfN f]fCf“f^,ÉŠÖ,·,é—vCE□

ft□[fU□[ fXf^fbfN f]fCf“f^,í□Ag fRf}f“fh,ÄŽg—p%oÄ“\,È 6 fofCfG•ª,ì—LCEø,Èf|  
fCf“f^,Á,È,·,è,Î,È,è,Û,¹,ñ□B,±,ìfRf}f“fh,í□Airet -½—ß,ðŽg—p,µ,Ä□AfeXfg’í□Û,lfvf□fOf%of€  
,Û,ÄfWfff“fv,µ,Û,·□BDebug fRf}f“fh,lf□[fU□[ fXf^fbfN f]fCf“f^,ðY’è,µ□Aft□[fU□[ ftf%ofO□AfR□[fh  
fZfOf□f“fg fCEfWfXf^□A,·,æ,Ñ-½—ßf]fCf“f^,ðft□[fU□[ fXf^fbfN,ÉfvfbfVf...,µ,Û,· (ft□[fU□[ fXf^fbfN,ª-  
³CEø,È□è□±□A,Û,½,í□-,³,·,·,é□è□±,í□AflfyfCE□[fefBf“fo fVfXfef€,ª^Û□í□-¹,·,é,±  
,Æ,ª,·,è,Û,·)□BŽw’è,µ,½fufCE[fNf]fCf“fg fAfhfCEfX,É,í□AŠ,,è□ž,ÝfR□[fh (0CCh) ,ª“ü,è,Û,·□B

#### fvf□fOf%of€,ì□Ä•N“@

ŽY,lf□bfz□[fW,ª•\Ž!,³,è,½□è□±,í□Afvf□fOf%of€,ð□Ä•N“@,µ,È,ç,Á,,¾,³,ç□B  
fvf□fOf%of€,í□³□í,É□í,í,è,Û,µ,½.

fvf□fOf%of€,ð³□í,ÉŽÀ□s,·,é,É,í□ADebug n (name) ,·,æ,Ñ I (load) fRf}f“fh,ðŽg—  
p,µ,Ä□Ä“x“Ç,Ý□ž,Û,È,·,è,Î,È,è,Û,¹,ñ□B

Debug F G ,ÉŠÖ,·,é□Ú□×□î•ñ

- Debug F G--—á
- Debug F G



### Debug F G---á

ŽŸ,lfRf}f“fh,đ“ü—í,·,ééé±,đl,!,Ü,·B

gcs: 7550

CE»Ÿf f, fš, É“ü, Á, Ä, ç, évf fOf%of€, a ACS fCEfWfXf^, ÅfufCE[fNf]fCf“fg fAfhfCEfX 7550  
,Ü, ÅŽÀs,³, è,Ü,·B, ±, lfCEfWfXf^, ì“à—e, Æftf%ofO, ìó’Ô, a•\Ž!,³, èAg fRf}f“fh, a’âŽ~, μ,Ü,·B

ŽŸ,lfRf}f“fh, í 2 , Å, lfufCE[fNf]fCf“fg, đŸ’è, μ,Ü,·B

gcs: 7550, cs: 8000

Debug , a fufCE[fNf]fCf“fg, É, Ô, Å, ©, Á, ½CEã, ÅAÄ, Ñ g fRf}f“fh, đŽÀs, ·, é, ÆA’Êí, ÌŠŽn^Ê’u, ©, ç, Å, í, È, -  
A fufCE[fNf]fCf“fg, ìCEã, ì-½—ß, ©, çvf fOf%of€, ìŽÀs, aÄŠJ,³, è,Ü,·B

Debug F G , ÉŠÖ,·, éÚ×i•ñ



Debug F G--%ođà



Debug F G





### Debug F H (Hex)

Žw'è,³,ê,½ 2 ,Â,lfpf%of[]f^,ÉŠÖ,μ,Ä 16 []i,ì%‰ŽZ,ďŽÀ[]s,μ,Ü,·[]B

h []''l1 []''l2

fpf%of[]f^

[]''l1

0 ,©,ç FFFFh ,Ü,Â,ì 16 []i[],đ•\,μ,Ü,·[]B

[]''l2

0 ,©,ç FFFFh ,Ü,Â,Â'æ 2 ,ì 16 []i[],đ•\,μ,Ü,·[]B

Debug F H ,ÉŠÖ,·,é[]ú[]×[]î•ñ

Debug F H--%đ[]à

Debug F H---á



**Debug F H--%ođà**

Debug fRf}f“fh,Å,íAŽw'è,μ,½ 2 ,Å,ìfpf%of[f^,ªA%o,É%oÁŽZ,³,è,Ä,©,çA'æ 1 ,ìfpf  
%of[f^,©,ç'æ 2 ,ìfpf%of[f^,ªCE,ŽZ,³,è,Û,·B%o%oŽZCE<%oÊ,íA~aA,ì‡,Å 1 s,É•Ž!,³,è,Û,·B

Debug F H ,ÉŠÖ,·,éÚ×i•ñ

Debug F H---á

Debug F H



**Debug F H---**

ŽŸ,lfRf}f“fh,ð“ü—í,μ,½,Æ%¼'è,μ,Ü,·B

h19f 10a

%%ŽZ,ŽÀs,³,êACE<%É,ŽŸ,ì,æ,α,É•Ž,³,ê,Ü,·B

02A9 0095

Debug F H ,ÉŠÖ,·,éÚ×î•ň

Debug F H--%ðà

Debug F H



### Debug F I (Input)

Žw'è,³,ê,½f|[]fg,©,ç 1 fojCfg'l,đ"Ç,YŽæ,èA•\Ž!,μ,Ü,·B

i f|[]fg

**fpf%of[]f^**

f|[]fg

"ü—Íf|[]fg,ÍfAfhfÇfX,đŽw'è,μ,Ü,·BfAfhfÇfX,Æ,μ,Ä 16 frfbfg'l,đŽg—p,Å,«,Ü,·B

ŽQÆ

1 fojCfg'l,đo—Íf|[]fg,É'—,é•û-@,É,Â,ç,Ä,ÍADebug O (Output) fRf}f"fh,ì€,đŽQÆ,μ,Ä,,¾,³,çB

Debug F I ,ÉŠÖ,·,éÚ×î•ñ



Debug F I---á



## Debug F I---á

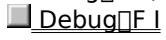
ŽŸ,lfRf}f“fh,ð“ü—í,μ,½,Æ%¼'è,μ,Ü,·B

i2f8

,<sup>3</sup>,ç,ÉA,±,lf|[]fg,lf ofCfg'l,<sup>a</sup> 42h ,Å, ,é,Æ%¼'è,·,é,ÆA,±,lf ofCfg,<sup>a</sup>“Ç,ÝŽæ,ç,ê,ÄŽŸ,ì,æ,π,É•\  
Ž|,<sup>3</sup>,ê,Ü,·B

42

Debug F I ,ÉŠÖ,·,éÚ×î•ň





### Debug F L (Load)

ftf@fCf<,Ü,½,í“Á’è,ìffBfXfN fZfNf^,ì“à—e,đf, fŠ,É“Ç,Ý,ž,Ý,Ü,·B

Žw’è,μ,½fofCf g,ì“à—e,đffBfXfN ftf@fCf<,©,çf, fŠ,ì BX:CX  
fCfWfXf^,ž,·fAfhfCfX,É“Ç,Ý,ž, p,É,íAŽŸ,ì\•¶,đŽg—p,μ,Ü,·B

I [fAfhfCfX]

Windows NT ftf@fCf< fVfXfef€,đfofCf p fX,μ,ÄA“Á’è,ìfZfNf^,đ¼Ú“Ç,Ý,ž, p,É,íAŽŸ,ì\•¶,đŽg—  
p,μ,Ü,·B

I fAfhfCfX fhf%ofCfu ŠjžnfZfNf^ fZfNf^

fpf%of [f^

fAfhfCfX

ftf@fCf<,Ü,½,ìfZfNf^,ì“à—e,đ“Ç,Ý,ž, pf, fŠ^É’u,đŽw’è,μ,Ü,·BfAfhfCfX,đŽw’è,μ,É,·,è,íACS  
fCfWfXf^,ìC»Ý,ìfAfhfCfX,žg—p,³,è,Ü,·B

fhf%ofCfu

“Á’è,ìfZfNf^,đ“Ç,Ý,ž,·ffBfXfN,ž“ü,Á,Ä,ç,éfhf%ofCfu,đŽw’è,μ,Ü,·B,±,ì‘l,í“l,ÁA0 = A A1 = B A2 = C  
,ì,æ,æ,É,è,è,Ü,·Bdebug fRf}f“fh[s,Ü,½,íAĀĒ,ÉŽÀ[s,μ,½ Debug n (name)

fRf}f“fh,ÁŽw’è,μ,½ftf@fCf<,Á,í,È,íA“Á’è,ìfZfNf^,ì“à—e,đ“Ç,Ý,ž, p,é,É,ì,ÝAfhf  
%ofCfuíAŠjžnfZfNf^A,·,æ,ŃfZfNf^“fpf%of [f^,đŽg—p,μ,Ü,·B

ŠjžnfZfNf^

“à—e,đ“Ç,Ý,ž, p,æ“žfZfNf^,đ•\,· 16 i”,đŽw’è,μ,Ü,·B

fZfNf^

“à—e,đ“Ç,Ý,ž, p~A±fZfNf^,đ•\,· 16 i”,đŽw’è,μ,Ü,·B

ŽQÆ

I fRf}f“fh,ìíÚ,Æ,È,éftf@fCf<,đŽw’è,·,é•ú-@,É,Á,ç,Ä,íADebug N (Name) fRf}f“fh,ì€,đŽQÆ,μ,Ä,-  
,¾,³,çB

fffofbfO’íÚ,ìftf@fCf<,đffBfXfN,É’,«o,·•ú-@,É,Á,ç,Ä,íADebug W (Write) fRf}f“fh,ì€,đŽQÆ,μ,Ä,-  
,¾,³,çB

Debug F L ,ÉŠÖ,·,éÚ×î•ň

Debug F L--%đà

Debug F L---á



**Debug F L--%øðà**

**fpf%øf[]f^,ðžw'è,<sup>1</sup>,,É I fRf}f"fh,ðžg—p,·,éê[]‡**

fpf%øf[]f^,ðžw'è,<sup>1</sup>,,É I fRf}f"fh,ðžg—p,·,é,Æ[]Adebug fRf}f"fh[]s,Åžw'è,μ,½ftf@fCf<,ª[]AfAfhfCEfX  
CS:100 ,©,çžn,Ü,éf[]f,š,É"Ç,Ý[]ž,Ü,è,Ü,·[]B,Ü,½[]ABX ,",æ,Ñ CX  
fCEfWfXf^,í[]A"Ç,Ý[]ž,Ü,è,½fofCf[]g",É[]Ý'è,<sup>3</sup>,è,Ü,·[]Bdebug  
fRf}f"fh[]s,Åftf@fCf<,ðžw'è,μ,È,·,è,î[]A[]AČä,É n fRf}f"fh,Åžw'è,μ,½ftf@fCf<,ª"Ç,Ý[]ž,Ü,è,Ü,·[]B

**fAfhfCEfX fpf%øf[]f^,ðžw'è,μ,Ä I fRf}f"fh,ðžg—p,·,éê[]‡**

fAfhfCEfX fpf%øf[]f^,ðžw'è,μ,Ä I fRf}f"fh,ðžg—p,·,é,Æ[]Aftf@fCf<,Ü,½,ížw'è,μ,½fZfNf^,ì"à—  
e,í[]A[]f[]f,š^É'u,ìfAfhfCEfX,É"Ç,Ý[]ž,Ü,è,Ü,·[]B

**,·,x,Ä,ìfpf%øf[]f^,ðžw'è,μ,Ä I fRf}f"fh,ðžg—p,·,éê[]‡**

,·,x,Ä,ìfpf%øf[]f^,ðžw'è,μ,Ä I fRf}f"fh,ðžg—p,·,é,Æ[]Aftf@fCf<,Ä,í,È,[]A"Á'è,ìffBfXfN fZfNf^,ì"à—  
e,ª"Ç,Ý[]ž,Ü,è,Ü,·[]B

**"Á'è,ìfZfNf^,ì"à—e,ð"Ç,Ý[]ž,·[]ê[]‡**

žw'è,μ,½"í"í,ìšefZfNf^,ª[]Afhf%øfCfu,©,ç"Ç,Ýžæ,ç,è,Ü,·[]B"Ç,Ý[]ž,Ý[]^—  
[],ìšžnZfNf^,©,çžn,Ü,è[]AfZfNf^",Åžw'è,μ,½[]",ìfZfNf^,ì"à—e,ª"Ç,Ý[]ž,Ü,è,é,Ü,Å[]^—  
[],ª'±[]s,<sup>3</sup>,è,Ü,·[]B

**.EXE ftf@fCf<,ð"Ç,Ý[]ž,·[]ê[]‡**

.EXE ftf@fCf<,ìê[]‡[]AfAfhfCEfX fpf%øf[]f^,Åžw'è,<sup>3</sup>,è,½'l,ð-<sup>3</sup>ž<,μ,Ü,·[]B.EXE  
ftf@fCf<,ðžw'è,·,é,Æ[]Aftf@fCf<,í .EXE ftf@fCf<,ìfwfbf\_[][,Åžw'è,<sup>3</sup>,è,½f[]f[]fh  
fAfhfCEfX,É[]Ä"z'u,<sup>3</sup>,è,Ü,·[]Bfwfbf\_[][ž©'í,í[]Aftf@fCf<,ª[]f,š,É"Ç,Ý[]ž,Ü,è,é'ó,É .EXE  
ftf@fCf<,©,çžæ,èšO,<sup>3</sup>,è,é,ì,Å[]AffBfXfN[]ä,ì .EXE  
ftf@fCf<,ìftfCY,ìf[]f,š,É"Ç,Ý[]ž,Ü,è,½Čä,ìftfCY,Æ,í^ù,È,è,Ü,·[]B.EXE ftf@fCf<'S'ì,ì"à—  
e,ð',x,é[]ê[]‡,í[]A·É,ìšg'£žq,ðžg—p,μ,Åftf@fCf<-¼,ð·ì[]X,μ,Ä,,¾,<sup>3</sup>,ç[]B

**16 []ftf@fCf<,ðšJ,[]ê[]‡**

16 []ftf@fCf<,Æ,í[]AIntel 16 []ftfH[]f}fbfg,ðžg—p,·,éftf@fCf<,Å,·[]B[]Ú[]x,É,Ä,ç,Ä,í[]AThe MS-DOS  
**Encyclopedia** (Microsoft Press[]A1988 "N),ðžQ[]Æ,μ,Ä,,¾,<sup>3</sup>,ç[]BDebug ,í[]Ašg'£žq .HEX ,ª·t,ç,Ä,ç  
,éftf@fCf<,ð 16 []ftfH[]f}fbfg,ìftf@fCf<,Ä,·,é,Æ'z'è,μ,Ü,·[]Bfpf%øf[]f^,ðžw'è,<sup>1</sup>,,É I fRf}f"fh,ð"ü—  
í,·,é,Æ[]A"Ç,Ý[]ž,Ý[]^—[],í 16 []ftf@fCf<,Åžw'è,<sup>3</sup>,è,½fAfhfCEfX,©,çžn,Ü,è,Ü,·[]BfAfhfCEfX fpf  
%øf[]f^,ðžw'è,μ,Ä I fRf}f"fh,ð"ü—í,·,é,Æ[]Ažw'è,μ,½fAfhfCEfX,ª 16  
[]ftf@fCf<,ÄČ©,Ä,©,Ä,½fAfhfCEfX,É'Ç%øÁ,<sup>3</sup>,è,Ä[]AšJžnfAfhfCEfX,ªČè'è,<sup>3</sup>,è,Ü,·[]B

Debug F L ,ÉšÖ,·,é[]Ú[]x[]î·ñ

- [Debug F L---á](#)
- [Debug F L](#)



### Debug F L--á

Debug ,đ·N“ © ,μ,ÄŽŸ,lfRf}f“fh,đ“ü—í,μ,½,Æ%¼’è,μ,Ü,·B

nfile.com

,±,±,Å I fRf}f“fh,đ“ü—í,μ,Ä FILE.COM ,đ“Ç,Ÿž,Ÿ,Ü,·B,±,łftf@fCf,ª“Ç,Ÿž,Ü,êADebug fvf“fvfg,ª•\ Ž|,³,ê,Ü,·B

~\_—fZfNf^ 15 (0Fh) ,ÄŽn,Ü,é 109 (6Dh) ĄÄ,lfZfNf^,ì“à—e,đAfhf%fCfu C ,© ,cfAfhfĄfX 04BA:0100 ,ÄŽn,Ü,éf,f,š,É“Ç,Ÿž,þ,Æ%¼’è,μ,Ü,·B,» ,ì,½,ß,É,íŽŸ,lfRf}f“fh,đ“ü—í,μ,Ü,·B

104ba:100 2 0f 6d

Debug F L ,ÉŠÖ,·,éÚ×î•ň



Debug F L--%đà



Debug F L





**Debug F M (Move)**

f f, fš fuf fbfN, i "à—e, ð•Ê, ìf f, fš fuf fbfN, ÉfRfs [., µ, Ü, · B

m fAfhfCEfX"í^í fAfhfCEfX

**fpf%of [f^**

fAfhfCEfX"í^í

"à—e, ìfRfs [CE³, Æ, È, éf f, fš—ì^æ, ÌŠJŽnfAfhfCEfX, Æ|—

³fAfhfCEfX A, Ü, ½, ÍŠJŽnfAfhfCEfX, Æ'·,³, ðŽw'è, µ, Ü, · B

fAfhfCEfX

fAfhfCEfX"í^í, ĀŽw'è, µ, ½ "à—e, ìfRfs [æ, Æ, È, é^Ê'u, ÌŠJŽnfAfhfCEfX, ðŽw'è, µ, Ü, · B

Debug F M , ÉŠÖ, ·, é Ú × î•ñ

Debug F M--%øðà

Debug F M---á



## Debug F M--%øðà

### Šù‘ŋ, ĭff [f^, ÉfRfs [ [^—, a—^, , , éœø%øÊ

fRfs [ , , éfuf [fbfN, ĭfAfhfœfX, É [V, μ, çff [f^, ð', «o,³, È, , ê, ĭ [ACE³, ĭff [f^, a, » , ĭ, Ü, ÜŽc, è, Ü, · [B, ½, ¾, μ [Afrf  
 s [ [æfuf [fbfN, ÉŠù, Éff [f^, a“ü, Á, Ā, ç, é, Æ ( [d • ĭfRfs [ [^— ] [A, » , ĭff [f^, ĭ [ã', «,³, è, Ü, · ( [d • ĭfRfs [ [^—  
 [ , Æ, ĭ [Afrfs [ [æfuf [fbfN, ĭ^ê•” , ðfRfs [ [CE³fuf [fbfN, ĭ^ê•” , Æ [d • ĭ, ·, é [^—, ĭ, ±, Æ, Ā, ·) [B

### [d • ĭfRfs [ [^—, ðŽÀ [s, , é [ê [‡

m fRf}f“fh, ĭ [Afrfs [ [æfAfhfœfX, É, , éff [f^, ðŽ, , í, , , É [A [d • ĭfRfs [ [^—, ðŽÀ [s, μ, Ü, · [B [Ā [ø%  
 , É [A [d • ĭ, ·, éfAfhfœfX, ĭ“à—e, ðfRfs [ [ ,³, è, Ü, · [B, μ, ½, a, Á, Ā [Aff [f^, ð [ã^ ÊfAfhfœfX, ©, ç

%ø^ ÊfAfhfœfX, ÉfRfs [ [ , ·, é [ê [‡ [Afrfs [ [^—, ĭfRfs [ [CE³fuf [fbfN, ĭ [Ā

%ø^ ÊfAfhfœfX, ©, çŽn, Ü, è [A [Ā [ã^ ÊfAfhfœfX, Éœü, ©, Á, ĀŽÀ [s,³, è, Ü, · [B <t, É [Aff [f^, ð

%ø^ ÊfAfhfœfX, ©, ç [ã^ Êfuf [fbfN, ÉfRfs [ [ , ·, é [ê [‡ [Afrfs [ [^—

[ , ĭfRfs [ [CE³fuf [fbfN, ĭ [Ā [ã^ ÊfAfhfœfX, ©, çŽn, Ü, è [A [Ā [ø%ø^ ÊfAfhfœfX, Éœü, ©, Á, ĀŽÀ [s,³, è, Ü, · [B

Debug F M , ÉŠÖ, ·, é [Ú [× [ĥ • ñ



Debug F M--—á



Debug F M



### Debug F M---á

ŽŸ,lfRf}f“fh,đ“ü—Í,μ,½,Æ%¼’è,μ,Ü,·B

mcs:100 110 cs:500

Å%ÉAfAfhfCEfX CS:110 ,ì“à—e,<sup>a</sup> CS:510 ,ÉfRfs[<sup>3</sup>,ê,Ä,©,çACS:10F ,ì“à—e,<sup>a</sup> CS:50F  
,ÉfRfs[<sup>3</sup>,ê,é,Æ,ç,æ~ ,ÅACS:100 ,ì“à—e,<sup>a</sup> CS:500 ,ÉfRfs[<sup>3</sup>,ê,é,Ü,Å^—<sup>a</sup>i s,μ,Ü,·BfRfs[<sup>a</sup>—  
 ,ìCE<%Ê,đ•Ž|,·,é,É,ÍADebug **d** (dump) fRf}f“fh,đŽg—p,μ**Am**  
fRf}f“fh,ÅŽw’è,μ,½fRfs[æfAfhfCEfX,đŽw’è,μ,Ü,·B

Debug F M ,ÉŠÖ,·,éÚ×î•ñ

Debug F M--%øðà

Debug F M



**Debug F N (Name)**

Debug I (load) ,Ü,½,Í w (write) fRf}f“fh,ÉŽg—p,·,éŽÀ□s%oÁ“\ftf@fCf<,ì-¼’O,ðŽw’è,·,é,©□AfffofbfO’í□Ü,Æ,È,éŽÀ□s%oÁ“\ftf@fCf<,ìpf%of□□f^,ðŽw’è,μ,Ü,·□B

n [fhf%ofCfu:][fpfX]ftf@fCf<-¼

fefXfg,·,éŽÀ□s%oÁ“\ftf@fCf<,ìpf%of□□f^,ðŽw’è,·,é,É,í□AZÿ,ì□\•¶,ðŽg—p,μ,Ü,·□B

n ftf@fCf<fpf%of□□f^

**fpf%of□□f^**

fpf%of□□f^,ðŽw’è,¹,·,É n fRf}f“fh,ðŽg—p,·,é,Æ□ACE»□Ý,ìŽw’è,ª%oð□œ,³,è,Ü,·□B

[fhf%ofCfu:][fpfX]ftf@fCf<-¼

fefXfg’t,ìŽÀ□s%oÁ“\ftf@fCf<,ìÊ’u,Æ-¼’O,ðŽw’è,μ,Ü,·□B

ftf@fCf<fpf%of□□f^

fefXfg’t,ìŽÀ□s%oÁ“\ftf@fCf<,ìpf%of□□f^,ÆfXfCfbf`,ðŽw’è,μ,Ü,·□B

ŽQ□Æ

ftf@fCf<,Ü,½,Í“Á’è,ìfffBfXfN fZfNf^,ì“à—e,ðf□f,fŠ,É“Ç,Ý□ž,þ•û-@,É,Â,ç,Ä,í□ADebug L (Load)

fRf}f“fh,ì□€,ðŽQ□Æ,μ,Ä,,¾,³,ç□B

fffofbfO’t,ìftf@fCf<,ðfffBfXfN,É□’,«□o,·•û-@,É,Â,ç,Ä,í□ADebug W (Write) fRf}f“fh,ì□€,ðŽQ□Æ,μ,Ä,-¾,¾,³,ç□B

Debug F N ,ÉŠÖ,·,é□Ú□×□í•ň

Debug F N--%oð□à

Debug F N---á



## Debug F N--%øðà

### n fRf}f“fh,ì 2 Ží—p,ìŽg—p—@

n fRf}f“fh,É,í 2 Ží—p,ìŽg—p—@,ª, ,è,Ü,·B'æ 1 ,ì•û—@,Á,íAI (load) ,Ü,½,í w (write) fRf}f“fh,ÉŽg—p,·,éftf@fCf<,ðŽw'è,Á,«,Ü,·BfffofbfO,·,éftf@fCf<,ì-¼'O,ðŽw'è,¹,·,É Debug ,ð<N“@,·,·,éèèèè,íAI fRf}f“fh,ðŽg—p,µ,Äftf@fCf<,ð“Ç,Ý□ž,þ'O,É□An ftf@fCf<-¼fRf}f“fh,ðŽg—p,µ,È,·,è,ì,È,è,Ü,¹,ñ□Bftf@fCf<-¼,íACS:5C ,É, ,éftf@fCf<□\$Æäfu□fbfN (FCB) ,É□è,í,¹,Ä□³,µ,-ftfH□[f]fbfg,³,è,Ü,·B'æ 2 ,ì•û—@,Á,íAn fRf}f“fh,ðŽg—p,µ,Ä□AfffofbfO'íÜ,Æ,È,éftf@fCf<,ìfRf}f“fh□sfpf%□□[f^ ,ÆfXfCfbf` ,ðŽw'è,Á,«,Ü,·B

### f□f,fŠ—ì^æ

ŽŸ,ì 4 ,Á,ìf□f,fŠ—ì^æ,íAn fRf}f“fh,ì%øe<ž,ðŽó,·,é%øA“\□«ª, ,è,Ü,·B

### f□f,fŠ^È'u

#### “à—e

CS:5C

ftf@fCf< 1  
,ìftf@fCf<□\$Æäf  
uf□fbfN (FCB)

CS:6C

ftf@fCf< 2  
,ìftf@fCf<□\$Æäf  
uf□fbfN (FCB)

CS:80

**n**  
fRf}f“fh□s,ì',³  
(•¶Žš□)

CS:81

**n**  
fRf}f“fh□s,ì•¶Ž  
šŠŽn^È'u

n fRf}f“fh—p,É□Å□%ø,ÉŽw'è,µ,½ftf@fCf<-¼,íACS:5C ,É, ,é FCB ,É“z'u,³,è,Ü,·B'æ 2 ,ìftf@fCf<-¼,ðŽw'è,·,é,Æ□A,»,ìftf@fCf<-¼,í CS:6C ,É, ,é FCB ,É“z'u,³,è,Ü,·Bn fRf}f“fh□s,É“ü—í,µ,½•¶Žš□ (□æ“ª•¶Žš n ^ÈŠO) ,íA□f□f,fŠ^È'u CS:80 ,É•Ü'¶,³,è,Ü,·Bn fRf}f“fh□s,ÉŽA□Ü,É“ü—í,µ,½•¶Žš (□æ“ª•¶Žš n ^ÈŠO) ,íACS:81 ^È□~,ìf□f,fŠ^È'u,É•Ü'¶,³,è,Ü,·B,±,è,ç,ì•¶Žš,É,íAWindows NT fv□f“fvfgŽž,É“ü—í,·,éRf}f“fh,ÁŽg—p,Á,«,é•¶Žš,Á, ,è,í□A“C^Ó,ìfXfCfbf` , ,æ,N<æ□Ø,è<L□†,ðŽg—p,Á,«,Ü,·B

Debug F N ,ÉŠÖ,·,é□Ú□×□í•ñ

Debug F N--—á

Debug F N



### Debug F N---á

Debug ,ð·N“ ®,µ□AfffofbfO’í□Ú,Æ,µ,Äfvf□fOf%of€ PROG.COM ,ð“Ç,Ý□ž,ñ,¾,Æ  
 %o¼’è,µ,Ü,·□B,»ìCEä,Å□APROG.COM ,É,Ä,ç,Ä 2 ,Ä,lfpf%of□□f^,ðŽw’è,µ,Äfvf□fOf%of€,ðŽÀ□s,µ,½,-  
 ,É,Ä,½,Æ,µ,Ü,·□B,±,ì-á,Ä,í□AZÿ,ì^è~A,lfRf}f“fh,ðŽg—p,µ,Ü,·□B

```
debug prog.com
nparam1 param2
g
```

,±,ì□ê□#□ADebug **g** (go) fRf}f“fh,í□AWindows NT fvf□f“fvfg,É’í,µ,ÄŽÿ,lfRf}f“fh,ð“ü—í,µ,½□ê□#,Æ“~—  
 l,Éfvf□fOf%of€,ðŽÀ□s,µ,Ü,·□B

```
prog param1 param2
```

,µ,½,ª,Ä,Ä□AfefXfg□^—□,ÆfffofbfO□^—□,É,í□APROG.COM ,ì“TCE^“l,ÈŽÀ□sŽžŠÄ<<,”½%of,³,è,Ü,·□B  
 Žÿ,ì^è~A,lfRf}f“fh,ì□ê□#□A’æ 1 ,ì n fRf}f“fh,í□ACEä,É’±, l fRf}f“fh,ÄŽg—p,·,éftf@fCf<,Æ,µ,Ä FILE1.EXE  
 ,ðŽw’è,µ□AI (load) fRf}f“fh,í FILE1.EXE ,ðf□f, fŠ,É“Ç,Ý□ž,Ý,Ü,·□B’æ 2 ,ì n fRf}f“fh,í□AFILE1.EXE ,ÄŽg—  
 p,·,éfpf%of□□f^,ðŽw’è,µ,Ü,·□B□ACEä,É□Ag fRf}f“fh,í□AWindows NT fvf□f“fvfg,É’í,µ,Ä **FILE1**  
**FILE2.DAT FILE3.DAT** ,Æ“ü—í,µ,½□ê□#,Æ“~—l,É□AFILE1.EXE ,ðŽÀ□s,µ,Ü,·□B

```
nfile1.exe
l
nfile2.dat file3.dat
g
```

’□

‘æ 2 ,ìCE`Ž®,ì n fRf}f“fh,ìCEä,É,í l fRf}f“fh,ðŽg—p,µ,È,ç,±,Æ,É’□^Ó,µ,Ä,,¾,³,ç□B,Ü,½□A,±,±,Ä  
**w** fRf}f“fh,ðŽg—p,·,é,Æ□AfffofbfO’í□Ú,ìftf@fCf< FILE1.EXE ,ª FILE2.DAT ,Æ,ç,æ-¼’O,Ä·Ü’¶,³,è,é,±  
 ,Æ,É,à’□^Ó,µ,Ä,,¾,³,ç□B,±,ì-â’è,ð-h,®,É,í□AI ,Ü,½,í **w** fRf}f“fh,ì¼’O,É□A·K, ,’æ 1 ,ìCE`Ž®,ì n  
 fRf}f“fh,ðŽg—p,·,é·K—v,ª, ,è,Ü,·□B

Debug F N ,ÉŠÖ,·,é□Ú□×□í·ñ

Debug F N--%oð□à

Debug F N



### Debug F O (Output)

1 fofCfg, l' l, ð o — í f [fg, É' —, è, Ü, · B

o f [fg fofCfg' l

**f p f % o f [f ^**

f [fg

o — í f [fg, í f A f h f C f X, ð Ž w' è, μ, Ü, · B f [fg f A f h f C f X, A, μ, Ä 16 f r f b f g' l, ð Ž g — p, Å, «, Ü, · B

fofCfg' l

f [fg, É' —, é f o f C f g' l, ð Ž w' è, μ, Ü, · B

Ž Q A E

“ ü — í f [fg, ©, ç 1 fofCfg, l' l, ð “ Ç, Ý Ž æ, é • û — @, É, Â, ç, Ä, í A Debug I (Input) f R f } f “ f h, ì € , ð Ž Q A E, μ, Ä, -  
, ¾, ³, ç B

Debug F O , É Š Ö, ; , é Ú × í • ñ

Debug F O --- á




## Debug F O---á

fofCf g'l 4Fh ,đfAfhfĀfX 2F8h ,É, ,é□o—Íf|□[fg,É'—,é,É,Í□AŽŸ,lfRf}f"fh,đ"ü—Í,μ,Ü,·□B

o2f8 4f

Debug F O ,ÉŠÖ,.,é□Ú□×□î•ň

 Debug F O





**Debug F P (Proceed)**

f<[fvA"½•œ•¶Žš—ñ-½—β Af\ftfgfEjFfAŠ,,èž,ÝA,Ü,½,ÍfTuf<[f`f",đŽÀ[s,μ,Ü,·B,à,μ,-  
 ,íA,Ü,©,ì"C^Ó,ì-½—β,đfgfCE[fX,μ,Ü,·B

p [= fAfhfCEfX] [""l]

**fpf%of[f^**

= fAfhfCEfX

Å%o,ÉŽÀ[s,<sup>3,1</sup>,é-½—β,ìÊ'u,đŽw'è,μ,Ü,·BfAfhfCEfX,đŽw'è,μ,È,̄,ê,îACS:IP

fCEfWfXf^,ÅŽw'è,<sup>3</sup>,é,½CE>Ý,lfAfhfCEfX,Šù'è,lfAfhfCEfX,É,È,è,Ü,·B

""l

§Eä,đ Debug ,É-β,·O,ÉŽÀ[s,<sup>3,1</sup>,é-½—β,ì",đŽw'è,μ,Ü,·BŠù'è'l,í 1 ,Å,·B

ŽQÆ

CE>Ýf[f,fŠ,É"ü,Á,Ä,č,évf[fOf%of€,đŽÀ[s,·,é•û-@,É,Â,č,Ä,íADebug G (Go) fRf}f"fh,ì€,đŽQÆ,μ,Ä,-  
,<sup>3/4,3</sup>,čB

1 ,Å,ì-½—β,đŽÀ[s,·,é•û-@,É,Â,č,Ä,íADebug T (Trace) fRf}f"fh,ì€,đŽQÆ,μ,Ä,,<sup>3/4,3</sup>,čB

Debug F P ,ÉŠÖ,·,éÚ×î•ñ

Debug F P--%đà

Debug F P---á



## Debug F P--%oðà

### fejXfg'íÜ,ìfvf fOf%o€É,É§CEä,ð^Ü,·êê‡

p fRf}f"fh,<sup>a</sup> Debug , ©,çfefXfg't,ìfvf fOf%o€  
 ,É§CEä,ð^Ü,·,ÆAŽw'è,μ,½fAfhfCEfX,É, ,éf<[fvA"½•œ•¶Žš—ñ-½—βAf  
 ftgEjFfAŠ,,èž,ÝA,Ü,½,ìTfuf<[f`f",<sup>a</sup>Š®—<sup>1</sup>,·,é,Ü,ĀA,Ü,½,ÍŽw'è,μ,½",ìf}fVf"-½—  
 β,<sup>a</sup>ŽÀs,<sup>3</sup>,é,é,Ü,ĀA,»,ìfvf fOf%o€É,ÍŠ,,èž,Ü,è,, ,ÉŽÀs,<sup>3</sup>,é,Ü,·B,»,ìCEäA§CEä,í Debug ,É-β,è,Ü,·B

### fAfhfCEfX fpf%of f^,ÉŠÖ,·,é§S-ñ

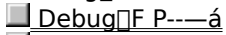
fAfhfCEfX fpf%of f^,ĀZfOf f'fg,ðŽw'è,μ,È,·,é,ĪAfeXfg't,ìfvf fOf%o€É,ì CS fCEfWfXf^,<sup>a</sup>Žg—  
 p,<sup>3</sup>,é,Ü,·BfAfhfCEfX,ðÈ—<sup>a</sup>,·,é,ÆAfvf fOf%o€É,ÌŽÀs,í,»,ì CS:IP  
 fCEfWfXf^,ĀŽw'è,<sup>3</sup>,é,½fAfhfCEfX, ©,çŽn,Ü,è,Ü,·B""ìfpf%of f^,Æ<æ•É,·,é,½,β,ÉAfAfhfCEfX fpf  
 %of f^,ì'O,É,í"" t (=) ,ð•t,·,È,·,é,Ī,È,è,Ü,<sup>1</sup>,ñBŽw'è,μ,½fAfhfCEfX,É, ,é-½—β,éf<[fvA"½•œ•¶Žš—  
 ñ-½—βAfvtgEjFfAŠ,,èž,ÝA,Ü,½,ìTfuf<[f`f",Ā,È,·,é,ĪAp fRf}f"fh,í Debug t (trace) fRf}f"fh,Æ"  
 —I,É<@"\,μ,Ü,·B

### p fRf}f"fh,ìŽÀsŽž,É•Ž!,<sup>3</sup>,é,éf fbfZ fW

p fRf}f"fh,<sup>a</sup>-½—β,ðŽÀs,·,é,ÆA,»,ìfvf fOf%o€É,ìfCEfWfXf^,ì"à—eA,»,ìftf  
 %ofO,ìó'ÔA,·,æ,ÑŽŸ,ÉŽÀs,<sup>3</sup>,é,éfffR[fhCE`Ž®,ì-½—β,<sup>a</sup>•Ž!,<sup>3</sup>,é,Ü,·B

**CEx** f p fRf}f"fh,ðŽg—p,μ,Ā"Ç,ÝŽæ,èè—pf f, fŠ (ROM) ,ðfgfCE[fX,·,é,±,Æ,í,Ā,«,Ü,<sup>1</sup>,ñB

Debug F P ,ÉŠÖ,·,éÜ×î•ñ



Debug F P--—á



Debug F P



### Debug F P--á

fejXfg'îÛ,lfvf[]Of%of€,Å[]AfAfhfCEfX CS:143F ,É **call** -½—ß,ª“ü,Á,Ä,ç,é,Æ%¼'è,μ,Û,·[]Bcall  
,ìffXfefBfi[]fVf#f“,Å, ,éTfuf<[]f`f“ ,ðŽÀ[]s,μ,Ä,©,ç[]A[]\$CEä,ð Debug ,É-ß,·,É,í[]AŽŸ,ìfRf}}f“fh,ð“ü—  
í,μ,Û,·[]B

p=143f

ŽÀ[]sCE<%oÊ,íŽŸ,ìCE`Ž®,Á•\Ž!,³,é,Û,·[]B

AX=0000 BX=0000 CX=0000 DX=0000 SP=FFEE BP=0000 SI=0000 DI=0000  
DS=2246 ES=2246 SS=2246 CS=2246 IP=1443 NV UP EI PL NZ AC PO NC  
2246:1442 7505 JNZ 144A

Debug F P ,ÉŠÖ,·,é[]Ú[]×[]î•ň



Debug F P--%øð[]à



Debug F P



### Debug F Q (Quit)

«»ÝfefXfg't, ìftf@fCf<, ð•Û'¶, 1, ,.É Debug fZfbfVf†f“ ,ð'tŽ~, μ,Û, ·□B  
q ,ð“ü—Í, ., é,Æ□A□§Æä, Í Windows NT fRf}f“fh fvff“fvfg,É-ß,è,Û, ·□B

q

### fpf%of□□[f^

,±, ìfRf}f“fh,É, ìfpf%of□□[f^, ðŽg—p, μ,Û, 1, ñ□B

ŽQ□Æ

ftf@fCf<, ð•Û'¶, ., é•û-@,É,Â,ç,Ä, Í□ADebug W (Write) fRf}f“fh, ì□€, ðŽQ□Æ, μ,Ä, ,¾, ¾, ç□B



### Debug F R (Register)

1 ,Á,Ü,½,í;□",ì't%o>□^—□'•'u (CPU) fCEfWfXf^,ì"à—e,ð•\Ž!,Ü,½,í•ï□X,μ,Ü,·□B

r [fCEfWfXf^-¼]

fpf%of□□[f^

,É,μ

fpf%of□□[f^,ðŽw'è,<sup>1</sup>,,É r fRf}f"fh,ðŽg—p,;é,Æ□AfCEfWfXf^ fXfgfCE□[fW—ì^æ,ì,;x,Ä,ìfCEfWfXf^,Æftf  
%ofO,ì"à—e,<sup>a</sup>•\Ž!,<sup>3</sup>,é,Ü,·□B

fCEfWfXf^-¼

"à—e,ð•\Ž!,<sup>3,1</sup>,éfCEfWfXf^,ì-¼'O,ðŽw'è,μ,Ü,·□B

ŽQ□Æ

f□f,fŠ—ì^æ,ì"à—e,ð•\Ž!,;é•û-@,É,Á,ç,Ä,í□ADebug D (Dump) fRf}f"fh,ì□€,ðŽQ□Æ,μ,Ä,,<sup>3/4,3</sup>,ç□B

fofCfg,ð<tfAfZf"fuf<,;é•û-@,É,Á,ç,Ä,í□ADebug U (Unassemble) fRf}f"fh,ì□€,ðŽQ□Æ,μ,Ä,,<sup>3/4,3</sup>,ç□B

Debug F R ,ÉŠÖ,·,é□Ú□×□í•ň

Debug F R--%ođ□à

Debug F R---á



### Debug R--%oð

#### R fRf}f“fh,ìŽg—p-@

fCfWfXf^-¼,ðŽw'è,·,é,ÆA,»ìfCfWfXf^,ì 16 frfbfg'l,ª 16 ìi·\<L,Å·  
 Žì,³,è,Ä,©,çAfvf“fvfg,Æ,μ,ÄfRf“f“,ª·\Žì,³,è,Ü,·BfCfWfXf^,ì'l,ð·ĪX,·,éêê‡,ÍAV,μ,ç'l,ð“ü—Í,μ,Ä  
**Enter** fL[.ð%Ÿ,μ,Ü,·B·ĪX,μ,½,,È,·,è,ĪA'P,É **Enter** fL[.ð%Ÿ,·,Æ Debug fvf“fvfg,É-ß,è,Ü,·B

#### Žg—p,Å,«,éfCfWfXf^-¼

fCfWfXf^-¼,ÉŽg—  
 p,Å,«,é'l,ÍAaxAbxAcxAdxAspAbpAsiAdiAdsAesAssAcsAipApcA,“,æ,Ñ f,Å,·Bip  
 ,Æ pc ,Í-½—ßfjCf“f^,ðŽw,μ,Ü,·B

à<L,ì^è—,©,ç·i“,ìfCfWfXf^-¼,ðŽw'è,·,é,ÆAZŸ,ìfbfZ[fW,ª·\Žì,³,è,Ü,·B

br fGf%o[

#### fCfWfXf^-¼,ì'ä,í,è,É·ŸŽš F ,ðŽg—p,·,éêê‡

fCfWfXf^-¼,ì'ä,í,è,É·ŸŽš F ,ð“ü—Í,·,é,ÆAŠeftf%oF,ìC»Ÿ,ìŸ'è,ª 2 ·ŸŽš,ìfR[fh,Æ,μ,Å·  
 Žì,³,è,Ä,©,çADebug fvf“fvfg,ª·\Žì,³,è,Ü,·Bftf%oF,ìŸ'è,ð·ĪX,·,é,É,ĪAZŸ,ì·\,©,çŠY“-,·,é 2  
 ·ŸŽš,ìfR[fh,ð“ü—Í,μ,Ü,·B

ftf%oF- ¼	Ÿ'è	fNfŠfA
f[fO[f[f	ov	nv
·ûEü	dn (fffNfŠf“fg)	up (fCf“fNfŠf f“fg)
Š,,èž,Ÿ	ei (—LCEø)	di (-³CEø)
·,·†	ng (·%o)	pl (□³)
f[f	zr	nz
·â·fLfffŠ [	ac	na
fPŠfefB	pe (<ô“)	po (Ši“)
fLfffŠ[	cy	nc

V,μ,çftf%oF,Í“C^Ó,ì‡~,Å“ü—Í,Å,«,Ü,·B,»,è,¼,è,ì'l,ðfXfy[fX,Åæ∅,é·K—v,Í, ,è,Ü,¹,ñB  
 fRf}f“fh,ð'tŽ~,·,é,É,Í **Enter** fL[.ð%Ÿ,μ,Ü,·B[V,μ,ç'l,ðŽw'è,μ,È,©,Å,½ftf%oF,ì·ĪX,³,è,Ü,¹,ñB

#### r fRf}f“fh,ìŽÀ□sŽž,É·\Žì,³,è,éffbfZ[fW

1 ,Å,ìftf%oF,É'Í,μ,Å·i“,ì'l,ðŽw'è,·,é,ÆAZŸ,ìfbfZ[fW,ª·\Žì,³,è,Ü,·B

d fGf%o[

à<L,ì·\,È^è—·\Žì,³,è,Ä,ç,È,çftf%oF fR[fh,ðŽw'è,·,é,ÆAZŸ,ìfbfZ[fW,ª·\Žì,³,è,Ü,·B

b fGf%o[

,Ç,ç,ç,ìêê‡,àA-³CEø,ÈfGf“fgfŠ,ìCä,ÉŽw'è,μ,½Ÿ'è,í,·,x,Ä-³Ž<,³,è,Ü,·B

#### Debug ,ìŠù'è,ìŸ'è

Debug ,ð·N“@,·,é,ÆAfZfOf“fg fCfWfXf^,ìf,f,š,ìÁ'á'l,ÉŸ'è,³,èA-½—ßfjCf“f^,Í 0100h  
 ,ÉŸ'è,³,èA,·,x,Å,ìftf%oF,ªfNfŠfA,³,èAZç,è,ìfCfWfXf^,ìf[f,ÉŸ'è,³,è,Ü,·B,½,¾,μAsp ,Í FFEeh  
 ,ÉŸ'è,³,è,Ü,·B

Debug F R , ÉŠÖ, ., é Ú × ï • ñ

Debug F R --- á

Debug F R



**Debug F R---**

, , x, Ä, ðfWfXf^, ð"à-eA, , x, Ä, ðtf%o, ð'ó'ÓA, , æ, ÑCE»Y^É'u, É, , é-½-ß, ðffR[fhCEã, ðCE`Ž®, ð•\ Ž!, , é, É, ðAZÿ, ðRf}f"fh, ð"ü-í, µ, Ü, ·B

r

CE»Y^É'u, a CS:11A , Å, , ê, ðAZÿ, ð, æ, x, É•\Ž!, , é, Ü, ·B

AX=0E00 BX=00FF CX=0007 DX=01FF SP=039D BP=0000 SI=005C DI=0000  
DS=04BA ES=04BA SS=04BA CS=04BA IP=011A NV UP DI NG NZ AC PE NC  
04BA:011A CD21 INT 21

ftf%o, ð'ó'Ó, ð, Y, ð•\Ž!, , é, É, ðAZÿ, ðRf}f"fh, ð"ü-í, µ, Ü, ·B

rf

ðí•ñ, ðŽÿ, ðCE`Ž®, Å•\Ž!, , é, Ü, ·B

NV UP DI NG NZ AC PE NC - \_

, ±, ±, Å, ðAZÿ, ðRf}f"fh, ð, æ, x, ÉA1 , Å, Ü, ½, í•i" , ðtf%o, ð'l, ðAfXfy[fX, ÅæØ, ç, , , É"C^Ó, ð#~ , Å"ü-í, Å, «, Ü, ·B

nv up di ng nz ac pe nc - pleicy

r fRf}f"fh, ð-¹, µ, ÄADebug fvf"fvfg, ð•\Ž!, , é, Ü, ·B•ïXCE<%oÉ, ðŠm"F, ; , é, É, ðAr , Ü, ½, í rf fRf}f"fh, ð"ü-í, µ, Ü, ·B•ïXCE<%oÉ, ðŽÿ, ð, æ, x, É•\Ž!, , é, Ü, ·B

NV UP EI PL NZ AC PE CY - \_

Debug fvf"fvfg, É-ß, é, É, ðAEnter fL[, ð%Ÿ, µ, Ü, ·B

Debug F R , ÉŠÖ, , éÚ×ðí•ñ







### Debug F S (Search)

Žw'è,³,è,½"íí,ljAfhfĀA1 fofCfg,Ü,½,í•;□"fofCfg,ljpf^□[f",ðĀY□ø,μ,Ü,·□B  
s fAfhfĀfX"íí fŠfXfg

### fpf%of□□[f^

fAfhfĀfX"íí

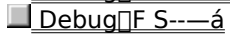
ĀY□ø'í□Ů,Ā,È,é"íí,lšŽnfAfhfĀfX,Ā□l—¹fAfhfĀfX,ðŽw'è,μ,Ü,·□BfAfhfĀfX"ííljpf%of□□[f^,ÉŽg—  
p,Ā,«,é'l,É,Ā,č,Ā,í□Adebug fRf}f"fh,l□€,ðŽQ□Ā,μ,Ā,,³/₄,³,č□B

fŠfXfg

ĀY□ø,·,é 1 fofCfg'l□A•;□"fofCfg'l□A,Ü,½,í•¶Žš—

ň,ljpf^□[f",ðŽw'è,μ,Ü,·□BŠefofCfg'l,ðfXfy□[fX□A,Ü,½,íj}f"Ů,Ā<æ□Ø,Ā,Ā,,³/₄,³,č□B•¶Žš—ň'l,í^ø—  
p•,,Ā^í,Ÿ,Ü,·□B

Debug F S ,ÉŠÖ,·,é□Ů□×□î•ň





**Debug F S--%ođà**

fŠfXfg fpf%of[]f^,Å•i[]",lfofCfg'l,đŽw'è,·,é,Æ[]A,»lfofCfg'l,ªCE©,Å,©,Å,½[]Å[]%o,lfAfhfCEfX,ì,Ý,ª•\  
Ž,³,è,Ü,·[]BfŠfXfg fpf%of[]f^,Å 1  
,Å,¾,~fofCfg'l,đŽw'è,·,é,Æ[]AŽw'è,μ,½"í^í,Å,»l,ªCE©,Å,©,Å,½,·,×,Ä,lfAfhfCEfX,ª•\Ž,³,è,Ü,·[]B

Debug F S ,ÉŠÖ,·,é[]Ú[]×[]î•ñ



Debug F S--—á



Debug F S



**Debug F S---**

CS:100 , ©, ç CS:110 , Ü, Å, Ì"í"í, Å A' l 41 , æ"ü, Á, Ä, ç, é fAfhfÆfX, ð, : , x, ÄÆ ©, Å, ¯, é, Æ  
%o¼'è, µ, Ü, · B, » , Ì, ½, ß, É, Í AŽŸ, ÌfRf}f"fh, ð"ü—í, µ, Ü, · B

scs:100 110 41

ÆŸ ð ð ð < % o É, Í Ž Ÿ, Ì Æ ` Ž @, Å • Ž |, ³, é, Ü, · B

04BA:0104

04BA:010D

-

ŽŸ, ÌfRf}f"fh, Í ACS:100 , ©, ç CS:1A0 , Ü, Å, Ì"í"í, Å A • ¶ Ž š—ñ "Ph" , ð ð ð ð ð, µ, Ü, · B

scs:100 1a0 "Ph"

Debug F S , É Š Ö, ·, é Ú × í ñ



Debug F S--%oð à



Debug F S



### Debug F T (Trace)

'P^ê,ì-½-β,ðŽÀ□s,μ,Ä□A,·,×,Ä,lfCEfWfXf^,ì"à-e□A,·,×,Ä,lfTf%ofO,ì□ó'Ô□A,·,æ,ÑŽÀ□s,³,ê,½-½-β,lfR□[fhCEã,ìCE`Ž@,ð·\Ž!,μ,Û,·□B

t [= fAfhfCEfX] [□"']

**fpf%of□□[f^**

= fAfhfCEfX

-½-β,lfgfCE□[fX□^—□,ðŠJŽn,³,¹,éfAfhfCEfX,ðŽw'è,μ,Û,·□BfAfhfCEfX fpf%of□□[f^,ð□È—a,·,é,Æ□Afvf□fOf %of€,ì CS:IP fCEfWfXf^,ÄŽw'è,³,ê,½fAfhfCEfX,©,çgfCE□[fX□^—□,³Žn,Û,è,Û,·□BfAfhfCEfX fpf %of□□[f^,ÉŽg—p,Ä,«,é'l,É,Ä,ç,Ä,í□Adebug fRf}f"fH,ì□€,ðŽQ□Æ,μ,Ä,,³/4,³,ç□B

□"']

fgfCE□[fX,³,¹,é-½-β,ì□",ð 16 □i□",ÄŽw'è,μ,Û,·□BSù'è'l,í 1 ,Ä,·□B

ŽQ□Æ

f<□[fv□A"½·œ·¶Žš—ñ-½-β□AfvftfgfEfFfAŠ,,,è□ž,Ý□A,Û,½,lfTfuf<□[f`f",ðŽÀ□s,·,é·û-@,É,Ä,ç ,Ä,í□ADebug P (Proceed) fRf}f"fH,ì□€,ðŽQ□Æ,μ,Ä,,³/4,³,ç□B

f□f,fŠ,É"ü,Ä,Ä,ç,éfvf□fOf%of€,ðŽÀ□s,·,é·û-@,É,Ä,ç,Ä,í□ADebug G (Go) fRf}f"fH,ì□€,ðŽQ□Æ,μ,Ä,- ,³/4,³,ç□B

Debug F T ,ÉŠÖ,·,é□Ú□×□î·ñ

Debug F T--%oð□à

Debug F T--—á



**Debug F T--%øðà**

**“Ç,ÝŽæ,èè—pf,f,š,ì-½—ß,øfgfCE[fX,·,éèè†**

**t**, í A8086 ,Ü,½,í 8088 f}fCfNf□fvf□fZfbfT,ìfn□[fhfEfFfA fgfCE□[fX f,□[fh,ðŽg—

p,μ,Ü,·□B,μ,½,ª,Á,Ä□A“Ç,ÝŽæ,èè—pf,f,š (ROM) ,É•Ú‘¶,³,ê,½-½—ß,øfgfCE□[fX,·,é,±,Æ,à,Å,«,Ü,·□B

**fAfhfCEfX fpf%of□[f^,ìŽg—p-@**

□“lfpf%of□[f^,Æ<æ•É,·,é,½,ß,É□AfhfCEfX fpf%of□[f^,ì'O,É,í“™ □† (=) ,ð•t,¯,È,¯,ê,î,È,è,Ü,¹,ñ□B

Debug F T ,ÉŠÖ,·,é□Ú□×□î•ñ



Debug F T--—á



Debug F T



### Debug F T--á

'P^ê,ì-½-β (CS:IP ,žw,-½-β) ,đŽÄs,μ,ÄAfCEfWfXf^,ì"à-eAfTf  
 %ofO,ìó'ÖA, ,æ,ŃffR[fhCE`Ž@,ì-½-β,đ•Ž!,,é,É,íAZŸ,ìfRf}f"fh,đ"ü-í,μ,Ü,·B  
 t

fvfOj%of€,-½-β,ìÊ'u, 04BA:011A ,Á, ,é,íAZŸ,ìî•ň,ž•Ž!,³,é,é,±,Æ,ž, ,è,Ü,·B  
 AX=0E00 BX=00FF CX=0007 DX=01FF SP=039D BP=0000 SI=005C DI=0000  
 DS=04BA ES=04BA SS=04BA CS=04BA IP=011A NV UP DI NG NZ AC PE NC  
 04BA:011A CD21 INT 21

Debug F T ,ÉŠÖ,·,éÚ×î•ň

Debug F T--%đà

Debug F T



### Debug F U (Unassemble)

f of Cfg, < t f A f Z f " f u f < , μ , Ä A f A f h f C e f X , Æ f o f C f g ' l , È , Ç A , » , è , É ' í % ž , , é f [ f X f X f e [ f g f " f g , ð • \ Ž ! , μ , Ü , • B < t f A f Z f " f u f < C e ä , ì f R [ f h , í A f A f Z f " f u f < C e ä , ì f t f @ f C f < , ì ^ è — — , É Ž — , Ä , ç , Ü , • B

u [ f A f h f C e f X " í ^ í ]

f p f % o f [ f ^

, È , μ

f p f % o f [ f ^ , ð Ž w ' è , 1 , , É u f R f } f " f h , ð Ž g — p , , é , Æ [ A ' ¼ ' O , ì u f R f } f " f h , Å • \ Ž ! , 3 , è , ½ f A f h f C e f X , ì C e ä , ì [ Å [ % o , ì f A f h f C e f X , © , ç Ž n , Ü , Ä , Ä A 2 0 h f o f C f g • a ( Š ù ' è ' l ) , a < t f A f Z f " f u f < , 3 , è , Ü , • B

f A f h f C e f X " í ^ í

< t f A f Z f " f u f < , 3 , 1 , é f R [ f h , ì Š J Ž n f A f h f C e f X , Æ [ —

' f A f h f C e f X [ A , Ü , ½ , ì Š J Ž n f A f h f C e f X , Æ ' • , 3 , ð Ž w ' è , μ , Ü , • B f A f h f C e f X " í ^ f p f % o f [ f ^ , É Ž g — p , Å , « , é ' l , É , Ä , ç , Ä , í [ A d e b u g f R f } f " f h , ì [ € , ð Ž Q [ Æ , μ , Ä , , ¾ , 3 , ç [ B

Ž Q [ Æ

f j [ f , f j b f N , ð f A f Z f " f u f < , , é • û - @ , É , Ä , ç , Ä , í [ A d e b u g A ( A s s e m b l e ) f R f } f " f h , ì [ € , ð Ž Q [ Æ , μ , Ä , , ¾ , 3 , ç [ B

f [ f , f Š — ì ^ æ , ì " à — e , ð • \ Ž ! , , é • û - @ , É , Ä , ç , Ä , í [ A d e b u g D ( D u m p ) f R f } f " f h , ì [ € , ð Ž Q [ Æ , μ , Ä , , ¾ , 3 , ç [ B

Debug F U , É Š Ö , , é [ Ú [ × [ í • ñ



Debug F U --- á



**Debug F U---á**

fAfhfCEfX 04BA:0100 , ©, çŽn, ß, Ä 16 (10h) fofCfg•ª, ð<tfAfZf“fuf<, , é, É, íAŽŸ, ðfRf}f“fh, ð“ü—í, µ, Ü, ·B

u04ba:100110

<tfAfZf“fuf<, µ, ½CE<%oÊ, íAŽŸ, ðCE`Ž®, Å•Ž!, ³, é, Ü, ·B

04BA:0100	206472	AND	[SI+72], AH
04BA:0103	69	DB	69
04BA:0104	7665	JBE	016B
04BA:0106	207370	AND	[BP+DI+70], DH
04BA:0109	65	DB	65
04BA:010A	63	DB	63
04BA:010B	69	DB	69
04BA:010C	66	DB	66
04BA:010D	69	DB	69
04BA:010E	63	DB	63
04BA:010F	61	DB	61

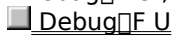
<tfAfZf“fuf<, µ, ½CE<%oÊ, íAŽŸ, ðCE`Ž®, Å•Ž!, ³, é, Ü, ·B

u04ba:0100 0108

CE<%oÊ, ÍŽŸ, ð, æ, x, É•Ž!, ³, é, Ü, ·B

04BA:0100	206472	AND	[SI+72], AH
04BA:0103	69	DB	69
04BA:0104	7665	JBE	016B
04BA:0106	207370	AND	[BP+DI+70], DH

Debug F U , ÉŠÖ, ., éÚ×í•ñ



Debug F U





**Debug F W (Write)**

ftf@fCf<,Ü,½,í“Á’è,lfZfNf^,ðffBfXfN,É□’,«□o,μ,Ü,·□B

BX: CX fCEfWfXf^,ÁŽw’è,³,é,½fofCfG□”,l“à—e,ðffBfXfN ftf@fCf<,É□’,«□o,·,É,í□AZŽÿ,ì□\•¶,ðŽg—p,μ,Ü,·□B  
w [fAfhfCEfX]

Windows NT ftf@fCf< fVfXfef€,ðfofCfPpfX,μ,Ä□A“Á’è,lfZfNf^,É’¼□Ú□□’,«□o,·,É,í□AZŽÿ,ì□\•¶,ðŽg—p,μ,Ü,·□B  
w fAfhfCEfX fhf%o fCfu ŠjŽnfZfNf^ fZfNf^□”

**fpf%of□□lf^**

fAfhfCEfX

fffBfXfN ftf@fCf<,É□’,«□o,·ftf@fCf<□A,Ü,½,í,» ,ì^ê•”,ìŠjŽnf□f,fŠ

fAfhfCEfX,ðŽw’è,μ,Ü,·□BfAfhfCEfX,ðŽw’è,μ,È,¯,ê,í□A□’,«□o,μ□^—□,í CS:100 ,©,çŽn,Ü,è,Ü,·□BfAfhfCEfX

fpf%of□□lf^,ÉŽg—p,Ä,« ,é’l,É,Ä,ç,Ä,í□Adebug fRf}f“fh,ì□€,ðŽQ□Æ,μ,Ä,,¾4,³,ç□B

fhf%o fCfu

□’,«□o,μ□æ,iffBfXfN,ª“ü,Ä,Ä,ç,éfhf%o fCfu,ðŽw’è,μ,Ü,·□B,±,ì’l,í□”’l,Ä□A0 = A□A1 = B□A2 = C ,Æ,ç,κ  
,æ,κ,É,È,è,Ü,·□B

ŠjŽnfZfNf^

□Ä□%o,É□’,«□o,·fZfNf^,ì 16 □i□”,ðŽw’è,μ,Ü,·□B

fZfNf^□”

□’,«□o,·fZfNf^,ì□”,ðŽw’è,μ,Ü,·□B

ŽQ□Æ

w fRf}f“fh—p,lf tf@fCf<,ðŽw’è,·,é•û-@,É,Ä,ç,Ä,í□Adebug N (Name) fRf}f“fh,ì□€,ðŽQ□Æ,μ,Ä,,¾4,³,ç□B

ftf@fCf<,Ü,½,íftf@fCf< fZfNf^,l“à—e,ðf□f,fŠ,É“Ç,Ý□ž,þ•û-@,É,Ä,ç,Ä,í□Adebug L (Load) fRf}f“fh,ì□€,ðŽQ□Æ,μ,Ä,,¾4,³,ç□B

Debug F W ,ÉŠÖ,·,é□Ú□×□î•ň

Debug F W--%oð□à

Debug F W---á



**Debug F W--%øðà**

'^Ó F "Á'è,ìZfNf^,ð',«o,.,Æ AWindows NT ftj@fCf< fnf"fhf%ø,øofCfppfX,³,è,é,ì,Å A×S,ì'^Ó,ª•K  
—v,Å,·B³,μ,ç'l,ð"ü—í,μ,È,¯,è,ì AfffBfXfN,ìftj@fCf< \ç,í"j¹,μ,Û,·B

ftj@fCf<-¼,Æ,μ,Ä ADebug ,ì<N" © Žž,ÉŽw'è,μ,½fffBfXfN ftj@fCf<-¼ A,Û,½,í ÅÆä,ì Debug n (name)  
fRf}f"fh,ÅŽw'è,μ,½fffBfXfN ftj@fCf<-¼,ðŽg—p,μ,È,¯,è,í,È,è,Û,¹,ñ B,Ç,ì,ç,ì é# ,à Aftj@fCf<-  
¼,ì AfhfÆfX CS:5C ,É, ,éftj@fCf< SÆäuf fbfN,É #,í,¹,Å³,μ,ftjH [f}fbfg,³,è,Û,·B

**fpf%øf [f^,ðŽw'è,¹,.,É w fRf}f"fh,ðŽg—p,μ,Ä BX: CX ,ðfŠfZfbfg,·,é é#**

Debug g (go) A t (trace) A p (proceed) A,Û,½,í r (register) fRf}f"fh,ðŽg—p,μ,½,ç Afpf  
%øf [f^,ðŽw'è,¹,.,É w fRf}f"fh,ðŽg—p,·,é' O,É ABX: CX fÆfWfXf^,ðfŠfZfbfg,μ,È,¯,è,í,È,è,Û,¹,ñ B

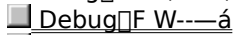
**C³Æä,ìftj@fCf<,ðfffBfXfN,É',«o,·é é#**

ftj@fCf<,ð C³,μ,Ä,à Aftj@fCf<-  
¼ A',³ A,Û,½,í Šžnf AfhfÆfX,ð•ì X,μ,È,¯,è,í A,» ,ìftj@fCf<,ð C³,ìfffBfXfN^É'u,É³,μ,·,«o,·,±  
,Æ,ª,Å,«,Û,·B

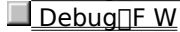
**w fRf}f"fh,ÉŠÖ,·,é Š-ñ**

,±,ìfRf}f"fh,ðŽg—p,μ,Ä .EXE ,Û,½,í .HEX ftj@fCf<,ð',«o,·,±,Æ,í,Å,«,Û,¹,ñ B

Debug F W ,ÉŠÖ,·,é Ú×î•ñ



Debug F W--á



Debug F W



**Debug F W--á**

fAfhfCEfX CS:100 ,©,çŽn,Ü,éf[f,fš,ì“à—e,đ[Afhf%ofCfu B ,É, ,éffBfXfN,É[‘,«[o,·,Æ  
%o¼4’è,μ,Û,·[Bff[f^,đffBfXfN,ì~—[fZfNf^”Ö[† 37h ,©,ç[‘,«[o,μŽn,β,Ä[A2Bh  
•ª,ìfZfNf^,É[‘,«[o,·,Æ,μ,Û,·[B,»»,ì,½,β,É,í[AŽŸ,ìfRf}f“fh,đ“ü—í,μ,Û,·[B

wcs:100 1 37 2b

[‘,«[o,μ[ ^—[ ,ªŠ®—¹,·,é,Æ[ADebug fvff“fvfg,ª[A,Ñ·\Ž!,³,è,Û,·[B

Debug F W ,ÉŠÖ,·,é[Ú[×[î•ñ

Debug F W--%øđ[à

Debug F W



### Debug F XA (Allocate Expanded Memory)

Šg'£f[]f,Š,đŽw'è,³,è,½fy[]fW[]",¾,Š,,è"-,Ä,Ü,·[]B

Šg'£f[]f,Š,đŽg—p,·,é,É,Í[]ALotus/Intel/Microsoft Expanded Memory Specification (LIM EMS)

,ìfo[]fWf#f" 4.0 ,É[]€<',·,éŠg'£f[]f,Š fffofCfX fhf%ofCfo,đfCf"fxfg[]f<,μ,È,·,è,Î,È,è,Ü,¹,ň[]B

**xa** [fy[]fW[]"]

**fpf%of[]f^**

fy[]fW[]"

Š,,è"-,Ä,éŠg'£f[]f,Š,ì 16 fLf[]fofCfgy fy[]fW[]",đŽw'è,μ,Ü,·[]B

ŽQ[]Æ

Šg'£f[]f,Š,ÉŽg—p,Ä,«,é Debug fRf}f"fh,ì[]Ú[]x,É,Â,ç,Ä,Í[]A^È%º,ì Debug fRf}f"fh,ì[]€,đŽQ[]Æ,μ,Ä,-,¾,³,ç[]B

XD (deallocate expanded memory)

XM (map expanded-memory pages)

XS (display expanded-memory status)

Debug F XA ,ÉŠÖ,·,é[]Ú[]x[]î·ň

Debug F XA--%ºđ[]à

Debug F XA---á



**Debug F XA--%ođà**

Žw'è,μ,½fy[fW",Žg—p%oÁ"\,Á, ,ê,îAîî—,³,ê,½fnf"fhf<,ì 16 i",đŽ!,:fbfZ[fW,ª•\  
Ž!,³,ê,Ü,·BŽw'è,μ,½fy[fW",Žg—p%oÁ"\,Á,È,¯,ê,îAfGf%o[f ffbfZ[fW,ª•\Ž!,³,ê,Ü,·B

Debug F XA ,ÉŠÖ,·,éÚ×î•ň



Debug F XA---á



Debug F XA



### Debug F XA---á

8 fy [fW•<sup>a</sup>, ðŠg' £f [f, fŠ, ðŠ,, è“- ,Ä, é, É, í [AZÿ, ðfRf}f“fh, ð“ü— í, µ, Ü, · [B  
xa8

, ±, ðfRf}f“fh, <sup>a</sup> [í [—<sup>1</sup>, ·, é, Æ [AZÿ, ð, æ, x, Èf [fZ [fW, <sup>a</sup> \Ž!, <sup>3</sup>, ê, Ü, · [B  
fnf“fhf< 0003 , <sup>a</sup> [í [—, <sup>3</sup>, ê, Ü, µ, ½.

Debug F XA , ÉŠÖ, ·, é [Ú [× [í · ñ

Debug F XA--%øð [à

Debug F XA



**Debug F XD (Deallocate Expanded Memory)**

Šg' £f f, fŠ, É'í, , éfnf" fhf<, ÌŠ,, è"-, Ä, ð%øð ce, µ, Ü, · B

Šg' £f f, fŠ, ðŽg—p, , é, É, Í ALotus/Intel/Microsoft Expanded Memory Specification (LIM EMS)

, Ìfo [fWf#f" 4.0 , É€<', , éŠg' £f f, fŠ ffofCfX fhf%ofCfo, ðfCf" fXfg [f<, µ, È, , è, Î, È, è, Ü, , ñ B

**xd** [fnf" fhf<]

**fpf%of [f^**

fnf" fhf<

%øð ce, , éfnf" fhf<, ðŽw'è, µ, Ü, · B

ŽQ Æ

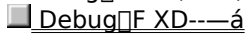
Šg' £f f, fŠ, ÉŽg—p, Å, «, é Debug fRf}f" fh, ÌÚ x, É, Ä, ç, Ä, Í A^ È%ø, Ì Debug fRf}f" fh, Ì€ , ðŽQ Æ, µ, Ä, - , ¾, , ç B

XA (allocate expanded memory)

XM (map expanded-memory pages)

XS (display expanded-memory status)

Debug F XD , ÉŠÖ, , é Ú x î ñ





**Debug F XD---**

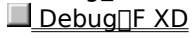
fñf“fhf< 0003 ,iš,,è“-,Ä,ð%øðœ, : ,é,É,í[AŽŸ,lfRf}f“fh,ð“ü—í,μ,Ü,·B

xd 0003

,±,lfRf}f“fh,ª³í—¹,·,é,Æ[AŽŸ,lfbfZ[fW,ª·\Ž!,³,é,Ü,·B

fñf“fhf< 0003 ,ð%øð•ú,μ,Ü,μ,½.

Debug F XD ,ÉŠÖ, : ,éÚ×í•ñ







## Debug F XM (Map Expanded Memory Pages)

Žw'è,³,è,½fnf"fhf<,É'®,·Šg'£f□f,fŠ,ì~\_□fy□[fW,ð□A•"□fy□[fW,Éf}fbfv,μ,Û,·□B

Šg'£f□f,fŠ,ðŽg—p,·,é,É,í□ALotus/Intel/Microsoft Expanded Memory Specification (LIM EMS)  
,ìfo□[fWf#f" 4.0 ,É□€<',·,éŠg'£f□f,fŠ ffofCfX fhf%ofCfo,ðfCf"fxfg□[f<,μ,È,¯,è,Î,È,è,Û,¹,ñ□B

xm [~\_□fy□[fW] [•"□fy□[fW] [fnf"fhf<]

fpf%of□□[f^

~\_□fy□[fW

•"□fy□[fW,Éf}fbfv,·,éŠg'£f□f,fŠ,ì~\_□fy□[fW□",ðŽw'è,μ,Û,·□B

•"□fy□[fW

~\_□fy□[fW,ìf}fbfv□æ,Æ,È,é•"□fy□[fW□",ðŽw'è,μ,Û,·□B

fnf"fhf<

fnf"fhf<,ðŽw'è,μ,Û,·□B

ŽQ□Æ

Šg'£f□f,fŠ,ÉŽg—p,Â,«,é,Ù,©,ì Debug fRf}f"fh,ì□Ú□×,É,Â,ç,Ä,í□A^È%º,ì Debug fRf}f"fh,ì□€  
,ðŽQ□Æ,μ,Ä,·,¾,³,ç□B

XA (allocate expanded memory)

XD (deallocate expanded memory)

XS (display expanded-memory status)

Debug F XM ,ÉŠÖ,·,é□Ú□×□î•ñ



Debug F XM---á



**Debug F XM---**

fñf“fhf< 0003 ,ì~\_—fy[fW 5 ,ð•—fy[fW 2 ,Éf}fbfv,·,é,É,íAŽŸ,lfRf}f“fh,ð“ü—í,μ,Ü,·B

xm 5 2 0003

,±,lfRf}f“fh,ª³í—¹,·,é,ÆAŽŸ,lfbfZ[fW,ª·\Ž,³,ê,Ü,·B

~\_—fy[fW 05 ,ª•—fy[fW 02 ,Éf}fbfv,³,ê,Ü,μ,½.

Debug F XM ,ÉŠÖ,·,éÚ×î•ñ

**Debug F XM**



### Debug F XS (Display Expanded-Memory Status)

Šg'£f f, fŠ, ì ó' Ó, ÉŠÖ, ·, é ì • ñ, ð • Ž!, μ, Ü, · B

Šg'£f f, fŠ, ð Žg—p, ·, é, É, Í ALotus/Intel/Microsoft Expanded Memory Specification (LIM EMS)  
, ì fo [fWf#f“ 4.0 , É € < ' , ·, é Šg'£f f, fŠ fffofCfX fhf%ofCfo, ð fCf“ fXfg [f, μ, È, ·, è, Î, È, è, Ü, ¹, ñ B

xs

### fpf%of [f^

, ±, ì fRf}f“fh, É, ì fpf%of [f^, ð Žg—p, μ, Ü, ¹, ñ B

ŽQÆ

Šg'£f f, fŠ, É Žg—p, Å, «, é, ù, ©, ì Debug fRf}f“fh, ì Ú ×, É, Å, ç, Ä, Í ADebug fRf}f“fh, ì € , ð ŽQÆ, μ, Ä, -  
, ¾, ³, ç B

XA (allocate expanded memory)

XD (deallocate expanded memory)

XM (map expanded-memory pages)

Debug F XS , ÉŠÖ, ·, é ì Ú × ì • ñ



Debug F XS--%oð à



Debug F XS--—á



### Debug F XS--%ođà

Debug fRf}f“fh,Å,í[AŽŸ,ìCE`Ž® ,Åí•ñ,ª•\Ž!,ª,ê,Ü,·B

fñf“fhf< xx ,É,í xx fy[fW,ªŠ,,,è“- ,Ä,ç,ê,Ä,ç,Ü,·.

•”—fy[fW xx = ftfCE[f€fZfOf“fg xx

xx CEÄ,ì EMS fy[fW,©,ç xx fy[fWŠ,,,è“- ,Ä,ç,ê,Ä,ç,Ü,·.

xx CEÄ,ì EMS fñf“fhf<,©,ç xx CEÄ,ìfñf“fhf<,ªŠ,,,è“- ,Ä,ç,ê,Ä,ç,Ü,·.

Debug F XS ,ÉŠÖ,·,éÚ×í•ñ

Debug F XS--—á

Debug F XS



### Debug F XS---á

Šg'£f,fšřî•ň,đ•\Ž|,³,¹,é,É,í[AŽŸ,lfRf}f"fh,đ"ü—í,µ,Ü,·B

xs

ŽŸ,ì,æ,α,Èî•ň,ª•\Ž|,³,é,Ü,·B

fnf"fhf< 0000 ,É,Í 0000 fy[fW,ªŠ,,è"-,Ä,ç,ê,Ä,ç,Ü,·.

fnf"fhf< 0001 ,É,Í 0002 fy[fW,ªŠ,,è"-,Ä,ç,ê,Ä,ç,Ü,·.

•" —fy[fW 00 = ftfCE[f€fZfOf"fg C000

•" —fy[fW 01 = ftfCE[f€fZfOf"fg C400

•" —fy[fW 02 = ftfCE[f€fZfOf"fg C800

•" —fy[fW 03 = ftfCE[f€fZfOf"fg CC00

80 ĆÄ,ì EMS fy[fW,©,ç 2 fy[fW,ªŠ,,è"-,Ä,ç,ê,Ä,ç,Ü,·.

FF ĆÄ,ì EMS fnf"fhf<,©,ç 2 ĆÄ,ìfnf"fhf<,ªŠ,,è"-,Ä,ç,ê,Ä,ç,Ü,·.

Debug F XS ,ÉŠÖ,·,éÚ×î•ň

Debug F XS--%ođà

Debug F XS



## Debug fRf}f“fh

Ú×î•ñ,δ•K—v,Æ,;é Debug fRf}f“fh,δ'ı'δ,μ,Ä,,¾,¾,çB

- |  |   |
|--|---|
| <input type="checkbox"/> <u>Debug F A (Assemble)</u> | <input type="checkbox"/> <u>Debug F P (Proceed)</u>                         |
| <input type="checkbox"/> <u>Debug F C (Compare)</u>  | <input type="checkbox"/> <u>Debug F Q (Quit)</u>                            |
| <input type="checkbox"/> <u>Debug F D (Dump)</u>     | <input type="checkbox"/> <u>Debug F R (Register)</u>                        |
| <input type="checkbox"/> <u>Debug F E (Enter)</u>    | <input type="checkbox"/> <u>Debug F S (Search)</u>                          |
| <input type="checkbox"/> <u>Debug F F (Fill)</u>     | <input type="checkbox"/> <u>Debug F T (Trace)</u>                           |
| <input type="checkbox"/> <u>Debug F G (Go)</u>       | <input type="checkbox"/> <u>Debug F U (Unassemble)</u>                      |
| <input type="checkbox"/> <u>Debug F H (Hex)</u>      | <input type="checkbox"/> <u>Debug F W (Write)</u>                           |
| <input type="checkbox"/> <u>Debug F I (Input)</u>    | <input type="checkbox"/> <u>Debug F XA (Allocate Expanded Memory)</u>       |
| <input type="checkbox"/> <u>Debug F L (Load)</u>     | <input type="checkbox"/> <u>Debug F XD (Deallocate Expanded Memory)</u>     |
| <input type="checkbox"/> <u>Debug F M (Move)</u>     | <input type="checkbox"/> <u>Debug F XM (Map Expanded Memory Pages)</u>      |
| <input type="checkbox"/> <u>Debug F N (Name)</u>     | <input type="checkbox"/> <u>Debug F XS (Display Expanded Memory Status)</u> |
| <input type="checkbox"/> <u>Debug F O (Output)</u>   |   |

**A**

- [append](#)
- [arp](#)
- [assoc](#)
- [at](#)
- [attrib](#)

**B**

- [backup](#)
- [break](#)
- [buffers](#)

**C**

- [cacls](#)
- [call](#)
- [chcp](#)
- [chdir \(cd\)](#)
- [chkdsk](#)
- [cls](#)
- [cmd](#)
- [codepage](#)
- [color](#)
- [comp](#)
- [compact](#)
- [convert](#)
- [copy](#)
- [country](#)

**D**

- [date](#)
- [debug](#)
- [debug fRf}f“fh](#)
- [del](#)
- [device](#)
- [devicehigh](#)
- [devinfo](#)
- [dir](#)
- [diskcomp](#)
- [diskcopy](#)
- [diskperf](#)
- [dos](#)
- [doskey](#)
- [dosonly](#)
- [driveparm](#)

**E**

- [echo](#)
- [echoconfig](#)
- [edit](#)
- [edlin](#)
- [edlin fRf}f“fh](#)
- [endlocal](#)
- [erase](#)
- [exe2bin](#)
- [exit](#)
- [expand](#)

**F**

- [fastopen](#)
- [fc](#)
- [fcbs](#)
- [files](#)
- [find](#)
- [findstr](#)
- [finger](#)
- [for](#)
- [forcedos](#)
- [format](#)
- [ftp](#)
- [ftp fRf}f“fh](#)
- [ftype](#)

## G

- [goto](#)
- [graftabl](#)
- [graphics](#)

## H

- [help](#)
- [hostname](#)

## I

- [if](#)
- [install](#)
- [ipconfig](#)
- [ipxroute](#)

## J

□€-Ú,í, ,è,Û,<sup>1</sup>,ñ□B

## K

- [keyb](#)

## L

- [label](#)
- [lastdrive](#)
- [libpath](#)
- [loadfix](#)
- [loadhigh \(lh\)](#)
- [lpq](#)
- [lpr](#)

## M

- [mem](#)
- [mkdir \(md\)](#)
- [mode](#)
- [more](#)
- [move](#)
- [MS-DOS ,ì CONFIG.SYS fRf}f“fh](#)
- [MS-DOS fTfufVfXfef€.ìfRf}f“fh](#)

## N

- [nbtstat](#)
- [netstat](#)
- [net \(fRf}f“fh flfvfVf#f“\)](#)
- [net accounts](#)
- [net computer](#)
- [net config](#)



net config server  
net config workstation  
net continue  
net file  
net group  
net help  
net helpmsg  
net localgroup  
net name  
net pause  
net print  
net send  
net session  
net share  
net start  
net start alerter  
net start client service for netware  
net start clipboard server  
net start computer browser  
net start dhcp client  
net start directory replicator  
net start eventlog  
net start file server for macintosh  
net start ftp publishing service  
net start gateway service for netware  
net start lpdsvc  
net start messenger  
net start microsoft dhcp server  
net start net logon  
net start network dde  
net start network dde dsdm  
net start network monitor agent  
net start nt lm security support provider  
net start print server for macintosh  
net start remoteboot  
net start remote access connection manager  
net start remote access isnsap service  
net start remote access server  
net start remote procedure call (rpc) locator  
net start remote procedure call (rpc) service  
net start schedule  
net start server  
net start simple tcp/ip services  
net start snmp  
net start spooler  
net start tcp/ip netbios helper  
net start ups  
net start windows internet name service  
net start workstation  
net statistics  
net stop  
net time  
net use  
net user  
net view  
nlsfunc  
nslookup  
nslookup /Rf}f"fh

- ntbooks
- ntcmdprompt

## O

- OS/2 .i CONFIG.SYS fRf}f"fh

## P

- path
- pause
- pax
- ping
- pentnt
- popd
- portuas
- print
- prompt
- protshell
- pushd

## Q

- qbasic

## R

- rcp
- recover
- rem
- rename (ren)
- replace
- restore
- rexec
- rmdir (rd)
- route
- rsh

## S

- set
- setlocal
- setver
- share
- shell
- shift
- sort
- stacks
- start
- subst
- switches
- symbols

## T

- TCP/IP ft□[fefBfŠfefB.ÆfT□[frfX
- tftp
- time
- title
- tracert
- tree
- type

## U

- €-Ú,í, ,è,Ü,¹,ñ□B

**V**

- ver
- verify
- vol

**W**

- winnt
- winnt32

**X**

- xcopy

**Y**

☐€-Ú,Í, ,è,Ü,<sup>1</sup>,ñ☐B

**Z**

☐€-Ú,Í, ,è,Ü,<sup>1</sup>,ñ☐B

,»,ì<sup>1/4</sup>

- fRf}f“fh<L☐t,ÆftfBf<f^ fRf}f“fh
- ☐ö☐☐•t,«☐^—☐<L☐t
- föbf` fRf}f“fh
- ftfBf<f^ fRf}f“fh
- fŠf\_fCf☐fNfg

