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dBASE III□AIV	fA^fbf` □Af}fbfv
FoxPro 2.0□A2.5	fA^fbf` □Af}fbfv
Btrieve	fA^fbf` □Af}fbfv
ODBC	fA^fbf` □Af}fbfv

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3. fe[fuf<,ð·Ü'¶,·,é,É,íA[OK] f{f^f“,ð'í'ð,μ,Ü,·B
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[fffUfCf“]	Šù'¶,lfe[fuf<,ðŠ],«]Afe[fuf<,]í·ç,ð·\Ž,Ü,½,íC³,μ,Ü,·B
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[fA^fbf` fe[fuf<]	V,μ,çfe[fuf<,]fA^fbf` A,Ü,½,]Šù'¶,lfe[fuf<,]íA^fbf` ,ðs, ç,Ü,·B
[fŠfA[fv]f#“]	fe[fuf<ŠÖ,]ff[f^,]ŠÖ~A·t,·,ð'è<,μ,Ü,·B

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' [ff[f^fx[fX,]ÉftfB[f<fh,ð'Ç%Á,·,é,±,Æ,í,Á,«,Ü,·,ª]AftfB[f<fh,]í-
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- [fefLxfg fGfffBf^] f fCfAfO f {fbfNfX, ì [fCf" fffbNfX] f {f^f", ð' ì ð, µ, Ä] [fCf" fffbNfX]
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 , æ] AftfB [f<fh-¼' S' ì, ì' ·, ³, í 254 · ¶ ŽŠ' È" à, É] \$CEÁ, ³, è, Å, ç
 , Ü, · B, ³, ç, É] A' è · " , ìftfB [f<fh, ìfCf" fffbNfX, Æ, µ, ÄŽw' è, Å, «, Ü, ¹, ñ] B, ½, Æ, j, í] Af [f, CE ^, ìftfB
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[Š],] f{f^f“ , ð‘l‘ð, µ, Ü, · [ŕe [fuf</fNfGfŠ [] f_fCfAf [fO f {fbfNfX, l^ê—, ©, çŕe [fuf<-
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f{fbfNfX, î^è—, ©, çfe [fuf<-¼, ð'I'ð, µA [ííœ] f{f^f'', ð'I'ð, µ, Ü, ·BfAf^fbf`
fe [fuf<, ðííœ, µ, Ä, à€³, ìfe [fuf<, íííœ, ³, ê, , AfAf^fbf` , ìY'è, ¾, ¯, íííœ, ³, ê, Ü, ·B

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‘ì'ð,μ,½ftfB□[f<fh-¼,Í□A[fCf“ffbfNfX't,ìftfB□[f<fh] f{fbfNfX,É^Ú“ ®,μ,Û,·□B,± ,è,ç,ìftfB□[f<fh,ì“à—e,É,æ,è□A,Ç,ì,æ,π,Éfe□[fuf<,ð•Á,x'Ö,ì,é,©□A,Û,½,Í,Ç,ì,æ,π ,ÉÇ<%oÉ, ©, ð□Ý'è,μ,Û,·□BfCf“ffbfNfX,ðò□¬,·,é,Æ,«□AftfB□[f<fh□” ,É□\$CEÁ,Í, ,è,Û,¹,ñ,ª□Aft fB□[f<fh-¼'S'ì,ì'·,³,Í 254 •¶Žš^È“à,É□\$CEÁ,³,è,Ä,ç ,Û,·□B,³,ç,É□A^è•”,ìftfB□[f<fh,ìfCf“ffbfNfX,Æ,μ,ÄŽw'è,Á,«,Û,¹,ñ□B,½,Æ,ì,î□A□f,CE^,ìftfB□ [f<fh,â OLE flfufWfFfNfgCE^,ìftfB□[f<fh,ÍŽw'è,Á,«,Û,¹,ñ□Bfe□[fuf<,É•K— v,ÉfCf“ffbfNfX,ð,·,×,Áò□¬,μ,Û,·□B
ftfB□[f<fh,ì□ê□±,Æ“—l,É□Afcf“ffbfNfX-¼,ì□\•¶,ìff□[f^fx□[fX fGf“fWf“,ìŽì— b,É,æ,Á,Ä^Û,É,è,Û,·□BMicrosoft Jet fff□[f^fx□[fX,Á,Í□Afcf“ffbfNfX-¼,ì□\ •¶,Í□A'¼,ìff□[f^fx□[fX flfufWfFfNfg,ì□\•¶,Æ“—,¶,Á,·□B□uff□[f^fx□[fX flfufWfFfNfg,ì-¼'Ö•t, □v,ðŽQ□Æ,μ,Ä,³/₄,³,ç□B
3. •K—v,ÉfCf“ffbfNfX,ð,·,×,Äò□¬,μ,½,ç□A[OK] f{f^f“,ð'ì'ð,μ,Û,·□B

'□ 'É□í□Afcf“ffbfNfX,ðŽg—
p,μ,Ä□AfpftfH□[f}f“fX,ðCEü□ã,³,½,è□Afe□[fuf<“à,ì□d•;fCEfR□[fh,ðò□í□œ,μ,Û,·□B

ftf@fCf< f fjjf... [fRf}f“fh

[ftf@fCf<] f fjjf... [.,Å,íAŽŸ,ìfRf}f“fh,ð—~—p,Å,«,Ü,·B

fRf}f“fh

[V<Kff[f^fx[fX,ì]ì-]

[ff[f^fx[fX,ðŠ],]

[ff[f^fx[fX,ì]Å“K%»]

[ff[f^fx[fX,ì]•İŠ·]

[ff[f^fx[fX,ì]ˆÃ+%»]

[ff[f^fx[fX,ì]‰ð“Ç]

[ff[f^fx[fX,ì]C•œ]

[ff[f^ f}fì[fWff,ì]!—¹]

fGf%oo[]'Ç%ooÁfCf“ffbfNfX

fCf“ffbfNfX,đ[]-.,é,Æ,«[]AftfB[][f<fh]”,É[]\$CEÀ,Í, ,è,Ü,¹,ñ,²[]AftfB[][f<fh-¼'S'ì,ì',³,Í 254

•¶Žš^È“à,É[]\$CEÀ,³,ê,Ä,ç

,Ü,·[]B,³,ç,É[]A^ê•”,lftfB[][f<fh,lfCf“ffbfNfX,Æ,μ,Ăžw'è,Å,«,Ü,¹,ñ[]B,½,Æ,!,Î[]Af[]f,CE^,lftfB[][f<fh,Ü,½,Í OLE flfufWfFfNfg,lftfB[][f<fh,Ížw'è,Å,«,Ü,¹,ñ[]B

fe[]fuf< ff[]f^,i^—

ff[]f^,ð^—,·,é,É,Í,Ü,·,fe[]fuf<,ðŠJ,«AŠJ,ç,½fe[]fuf<,É•K—v,È^—,ðs,ç,Ü,·B

- fe[]fuf<,i“à—
e,ð•iX,·,é,É,ÍAŠeftfB[]f<fh,ð'í'ð,μ,Ü,·B•iXCEãA•Ê,ifCEfR[]fh,É^Ú“®,·,é,ÆA•iX“à—
e,³ff[]f^fx[]fX,É•Ú'¶,³,ê,Ü,·B
- V,μ,çCEfR[]fh,ðfe[]fuf<,iÅCEã,É'Ç%Á,·,é,É,íA['Ç%Á]
f{f^f“,ð'í'ð,μAftfB[]f<fh,Éff[]f^,ð“ü—í,μ,Ü,·B[OK] f{f^f“,ð'í'ð,μ,Ä•iX“à—e,ð•Ú'¶,μ,Ü,·B
- fJfCEf“fg fCEfR[]fh,ðí[]œ,·,é,É,íA[í[]œ] f{f^f“,ð'í'ð,μ,Ü,·BfCEfR[]fh,í,·,®,Éí[]œ,³,êA
%ñ•œ,Ä,«,Ü,¹,ñB
- “Á'è,ifCEfR[]fh,ðCE©,Ä,·,é,É,íA[CEÿ[]ð] f{f^f“,ð'í'ð,μ,Ü,·BCEÿ[]ð,·,éftfB[]f<fhA%
%ŽŽŽqA,“,æ,Ñ'í,ð'í'ð,μ,Ü,·B,±,ìŽ®,ì\•¶,íAVisual Basic ,iflf“f%ofCf“ fwf<fv,ÄŽ!,³,é,é Find
f[]fbfh,ì\•¶,Æ“·,¶,Ä,·B'É[]A,±,ì\•¶,í'O,É,íASQL (Structured Query Language) ,ì WHERE
<ã,ª“ü,è,Ü,·B
- fCEfR[]fh,ðÄ,ÑŽæ“¾,·,é,É,íA[Ä•\Ž!} f{f^f“,ð'í'ð,μ,Ü,·B

ff[]f^fx[]fX flfufWfFfNfg,ì-¼'O•t,¯

Visual Basic ff[]f^fx[]fX flfufWfFfNfg,ì-¼'O•t,¯,ÉŠÖ,μ,Ä[]A'Á'è,ì<K'¥,ª, ,è,Ü,·[]BVisual Basic
,Å,í[]A[]Å'å 64 •¶Žš,ìff[]f^fx[]fX flfufWfFfNfg-¼,ð[]Ý'è,Å,«,Ü,·[]BflfufWfFfNfg-
¼,Æ,μ,Ä[]A•¶Žš[]A[]Žš[]AfXfy[]fX[]A'Ážê•¶Žš,ð'g,Ý[]‡,í,¹,Ä[]Ý'è,Å,«,Ü,·[]B,½,¾,μ[]A'Ážê•¶Žš
,ì't,ìfsfŠfifh (.)[]AS'Q•, (!)[]A, ¨,æ,ŃŠp,©,Á,± ([]),ÍŽg—
p,Å,«,Ü,¹,ň[]B,Ü,½[]A[]æ"ª,ÉfXfy[]fX,ð"ü.ê,½,è[]A[]\$CEä•¶Žš (ASCII fR[]fH,ª 0 ,©,ç 32
,Ü,Å,ì•¶Žš),ÍŽg—p,Å,«,Ü,¹,ň[]B

fe[]fuf<ŠÔ,lfŠf[]fVf#f“

[fe[]fuf</fNfGfŠ[]] f_fCfAf[]fO f{fbfNfX,îê—,©,çfe[]fuf<-¼,đ'îđ,μ[]AlfŠf[]fVf#f“] f{f^f“,đ'îđ,μ,Û,·[]BŽY,É [fŠf[]fVf#f“] f_fCfAf[]fO f{fbfNfX,â\Ž,³,ê,Û,·[]B,±,ì[fŠf[]fVf#f“] f_fCfAf[]fO f{fbfNfX,Å[]Aff[]f^fx[]fX,ife[]fuf<ŠÔ,lfŠf[]fVf#f“,đ'è<,·,é,±,Æ,â,À,«,Û,·[]BfNfGfŠ[][,đŽÅ[]s,μ,½,è[]A·;[]”,ife[]fuf<,đŠî,ÉftfH[]f€,âf[]f[]fg,đ^— []·,é,Æ[]Aff[]f^ f}f[]fWff,í[]A,±,ê,ç,lfŠf[]fVf#f“,đŽg— p,μ,Å[]ASÖ~A,·,éff[]f^,đCEÿ[]đ,μ,Û,·[]B

[Žâfe[]fuf<]

ff[]f^fx[]fX,ife[]fuf<,đ^ê—·\ Ž!,μ,Û,·[]B·É,ife[]fuf<,ÆSÖ~A,Ä,·,éžâfL[][ftfB[]f<fh,đŠÛ,pfe[]fuf<,đ'îđ,μ,Û,·[]B

[ŽâfL[][ftfB[]f<fh]

'îđ,μ,½Žâfe[]fuf<,ìžâfL[][ftfB[]f<fh,đ·Ž!,μ,Û,·[]B

[Ží—p]

fŠf[]fVf#f“,ì·û-@,đ[]A[^êîê] ,Û,½,í [^êî½] ,ì,ç,·,é,©,©,ç'îđ,μ,Û,·[]B

f[]fVf#f“ []à-¾

[^êîê] fe[]fuf<ŠÔ,îêîêfŠf[]fVf#f“,đŠm—š,μ,Û,·[]B
[^êî½] fe[]fuf<ŠÔ,îêî½fŠf[]fVf#f“,đŠm—š,μ,Û,·[]B

[fŠf[]fVf#f“ fe[]fuf<]

ff[]f^fx[]fX,ì,·,x,Ä,ife[]fuf<,đ^ê—·\Ž!,μ,Û,·[]BŽâfe[]fuf<,ÆSÖ~A·t,·,éfe[]fuf<,đ'îđ,μ,Û,·[]B

[^ê'v,·,éftfB[]f<fh]

ŠÖ~Afe[]fuf<,ìftfB[]f<fh,đ^ê—·\ Ž!,μ,Û,·[]BŽâfe[]fuf<,ìžâfL[][ftfB[]f<fh,Æ^ê'v,·,éftfB[]f<fh,đ'îđ,μ,Û,·[]B

[ŽQ[]Æ[]@[]#[]<]

ŽQ[]Æ[]@[]#[]<,đ<%»»,·,é,½,ß,É,í[]A,±,ìf`fFfbfN f{fbfNfX,đf[]f“,É,μ,Û,·[]Bff[]f^ f}f[]fWff,É,± ,è,ç,ì<K'¥,đ<%»»,³,¹,È,ç[]é[]#,í[]A,±,ìf`fFfbfN f{fbfNfX,đf[]f,É,μ,Û,·[]B

[^Ç%oÁ] f{f^f“

Žw'è,μ,½“à—e,É[],.Á,Ä[]AfŠf[]fVf#f“,đ[][]¬,μ,Û,·[]B

[[]í[]œ] f{f^f“

fŠf[]fVf#f“,đ[]í[]œ,μ,Û,·[]B

[CEó·â]

ŠÖ~Afe[]fuf<,ì't,©,çŽâfL[][ftfB[]f<fh,Æ“·,¶-¼'O,đŽ[],.ÂftfB[]f<fh,đ'T,μ,Û,·[]B

[·Â,¶,é] f{f^f“

f_fCfAf[]fO f{fbfNfX,đ·Â,¶,Û,·[]B

fe[fuf<]fAf^fbf`

1. [fe[fuf</fNfGfŠ[]] f_cfAf[]fO f{fbfNfX,ì [fAf^fbf` fe[fuf<] f{f^f“,ð'í'ð,μ,Û,·[]B [fAf^fbf` fe[fuf<] f_cfAf[]fO f{fbfNfX,ª•\Žì,³,è,Û,·[]B
2. [V<K] f{f^f“,ð'í'ð,μAftfB[]f<fh,Éî•ñ,ð“ü—í,μA[[]ÄfAf^fbf`] f{f^f“,ð'í'ð,μ,Û,·[]B ,±,ìfRf}f“fh,í[]A•É,ìff[]f^fx[]fX fAfvfŠP[]fVfþf“,ìfe[fuf<,Æ,ìfŠf“fN,ð[]¬,μ[]A,»,ìfe[fuf<,ìff[]f^,ì\ Žì,“ ,æ,Ñ•Ö[]W,ª,Ä,«,Û,·[]BfAf^fbf` fe[fuf<,í[]AVisual Basic ,¾,“ ,Ä,È,- Æ³,ìfAfvfŠP[]fVfþf“,Ä,àÆp'±,μ,ÄŽg—p,Ä,«,Û,·[]B¾,ì Microsoft Jet ff[]f^fx[]fX,ìfe[fuf<,àfAf^fbf` , ,é,± ,Æ,ª,Ä,«,Û,·[]B•É,ìff[]f^fx[]fX,ìfe[fuf<,ðfAf^fbf` , ,é,± ,Æ,È,æ,è[]A,»,ìff[]f^fx[]fX,ðŠ,©,È,,Ä,àfe[fuf<,ðŽg—p, ,é,±,Æ,ª,Ä,«,Û,·[]B

'[] Paradox[]ABtrieve[]A,Û,½,í SQL ff[]f^fx[]fX,ìfe[fuf<,ðfAf^fbf` , ,éèèè[]A¾,ìfAfvfŠP[]fVfþf“,Ä[]Y'è,³,è,½fpfXf[]f<fh,ðŽw'è,μ, È,“ ,è,í,È,ç,È,ç,Æ,«,ª, ,è,Û,·[]Bfe[fuf<,ðfAf^fbf` ,μ[]AfpfXf[]f<fh,ðŽw'è, ,é,Æ[]Aff[]f^ f}f[]fWff,í[]AÆä,Ä,±,ìfe[fuf<,ðŠ, ,±,Æ,ª,Ä,«,é,æ,ª,É[]A,± ,ìpfXf[]f<fh,ðff[]f^fx[]fX,ÉŠì“[,μ,Û,·[]BSQL ff[]f^fx[]fX,Ä,í[]Afìfvfþf“,Æ,È,Ä,Ä,ç ,Û,·[]B,Û,½[]AfpfXf[]f<fh,ð•ÛÆì, ,é,½,ß,É[]AfpfXf[]f<fh,ðŽ,ÄfAf^fbf` fe[fuf<,ðŠÛ,ìff[]f^fx[]fX,ð^Ä[]+%», ,éèèèè,à, ,è,Û,·[]B

ŽY,ìff[]f^fx[]fX fAfvfŠP[]fVfþf“,ìfe[fuf<,ðfAf^fbf` , ,é,±,Æ,ª,Ä,«,Û,·[]B

- Microsoft Access (Š,ç,Ä,ç,éff[]f^fx[]fX^ÈŠO,ìff[]f^fx[]fX)
 - Paradox (version 3.x[]A4.x ,ì .DB ftj@fCf<)
 - FoxPro (version 2.0[]A2.5 ,ì .DBF ftj@fCf<)
 - dBASE III[]AdBASE IV (.DBF ftj@fCf<)
 - Btrieve (ff[]f^è< ftj@fCf< FILE.DDF[]AFIELD.DDF •t,«)
 - Microsoft SQL Server[]ASybase SQL Server[]AORACLE Server (,ç, ,è,©,ì SQL ff[]f^fx[]fX,ð'í'ð)
 - ODBC
- SQL ff[]f^fx[]fX,ð^—, ,éèèè[]A[SQL Server f[]fOfìf“] f_cfAf[]fO f{fbfNfX,ª•\Žì,³,è,Û,·[]BŠe ODBC fhf%ofCfo,ìf_cfAf[]fO f{fbfNfX,ìfvfþf“,È,Ä,ç,Ä,í[]AODBC fhf %ofCfo,ÉŠÖ, ,éî•ñ,ðŽQ[]Æ,μ,Ä,¾,³,ç[]B
- ŠO•“fe[fuf<,ðfAf^fbf` ,μ,½,ç[]A[fe[fuf< fGfffBf^] f_cfAf[]fO f{fbfNfX,É[]A,»,ìfe[fuf<,ìftfB[]f<fh fvfpfefB,ðY'è,μ,Û,·[]B
- fAf^fbf` fe[fuf<,ì[]ç,í•ì[]X,Ä,«,Û,¹,ñ,ª[]AftfB[]f<fh fvfpfefB,í[]Y'è, ,é,±,Æ,ª,Ä,«,Û,·[]B

'½'í'½fšfCE[fVf#f" ,ì'è<

2 ,Â,ìfe[fuf<šÔ,ì'½'í'½fšfCE[fVf#f" ,Â,íA^ê•ù,ìfe[fuf<,ì 1
,Â,ìfCEfR[fh,ð'¼•ù,ìfe[fuf<,ì•i" ,ìfCEfR[fh,ÉŠÓ~A•t, ,é,±,Æ,ª,Â,« ,Ü,·B

'½'í'½fšfCE[fVf#f" ,ð'è< , ,é,É,íA,±,ì 2 ,Â,ìfe[fuf<,ðCE<# , ,é,½,ß,ì 3
,Â,ß,ìfe[fuf<,ðì¬,μ,Ü,·B

1. '½'í'½fšfCE[fVf#f" ,ð'è< , ,éfe[fuf<,ðì¬,μ,Ü,·B

2. 3 ,Â,ß,ìfe[fuf< (CE<#—p,ìfe[fuf<),ðì¬,μA,±,ìfe[fuf<,É'¼,ì 2
,Â,ìfe[fuf<,ìžâfL[ftfB[f<fh,ðY'è,μ,Ü,·B,±
,ìfe[fuf<,Â,íAžâfL[ftfB[f<fh,íAŠO•"fL[,Æ,μ,Ä<@"\,μ,Ü,·B

3. 3 ,Â,ß,ìfe[fuf<,Â,íAžâfL[,ðA'¼,ì 2 ,Â,ìfe[fuf<,ìžâfL[ftfB[f<fh,ð, ,x,ÄŠÜ,p,æ,ª
,ÉY'è,μ,Ü,·B

4. 2,Â,ìžâfe[fuf<,Æ 3 ,Â,ß,ìfe[fuf<,Æ,ìšÔ,ÉA^ê'½fšfCE[fVf#f" ,ð,»,è,¼,è'è< ,μ,Ü,·B

' 3 ,Â,ß,ìfe[fuf<,É,íA'Éí,ìfe[fuf<ì¬,Æ"—I,ÉAžâfL[ftfB[f<fh^ÈŠO,ìftfB[f<fh,ð'Ç
%oÁ, ,é,±,Æ,ª,Â,« ,Ü,·B

SQL fXfe[fgf]f“fg

ff[f^fx[fX,ð-â,ç±,í,¹,é,É,ÍA,Ü, ,ff[f^fx[fX,ð'íð,μAŠ],«,Ü,·B[SQL fXfe[fgf]f“fg]
f_fCfAfFO f{fbfNfX,ÅAfNfGfŠ[,ð“ü—í,μA[ŽÀs]
f{f^f“,ð'íð,μ,Ü,·BfNfGfŠ[,ð•Ü'¶,·,é,É,ÍA[•Ü'¶] f{f^f“,ð'íð,μAŽŸ,É QueryDef
flfuWfFfNfg^{-1/4},ð“ü—í,μA[OK] f{f^f“,ð'íð,μ,Ü,·B[SQL fXfe[fgf]f“fg] f_fCfAfFO
f{fbfNfX,ìY'è,ð%øðœ,·,é,É,ÍA[fNfŠfA] f{f^f“,ð'íð,μ,Ü,·B

