



ŠT—v□EjRf“fZfvfg  
•K—v,ÉfVfXfef€  
fCf“fXfg□|f<  
Žg—p□đŒ□  
Žg,č•û

fRf}}f“fh□EjŒftf@fŒf“fX

File  
Edit  
View  
Paint

Virtual Painter fz□|f€fy□|fW  
<http://www.vector.co.jp/authors/VA006410>

'~ŽÒ Ef□□|f<fAfhfŒfX  
smartj@pis.bekkoame.or.jp

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**Virtual Painter** i%o¼'z%oæ%oÆj,Í— ^ ,¡,ç,ê,½ŽÊ^ ,ð'èP,É,μ,ÄŠG,ð•` ,f  
ftfgfEjFfA,Å,·B  
,½,¾,μA,±,ê,Í, ,È,½,ŠG,ð•` , ,½,β,ì“¹<i,Å,Í, ,è,Ü,¹,ñB  
, ,È,½,Í'èP,ð— ^ ,¡,½,çŠG,ªo— ^ã,ª,é,ì,ð'Ò,Á,Ä,ç,Ä%oº,³,çB

Virtual Painter, Ì-Ú“Í,Í, ,È,½,ìĈÊ“Í,È'èP,ð•` , ,±,Æ,É,æ,Á,ÄA  
V,μ,ç-ç'm,ìŠG,ð'a¶,³,¹,é,±,Æ,Å,·B  
,à,μ<C,É“ü,Á,½ŠG,ª“Ĉ©,Å,«,½,ç,» ,ê,Í, ,È,½,ìi•i,Å,·B  
,Ç,π,¼, ,È,½Ž©g,ìi•i,Æ,μ,ÄŽ©—R,ÉĈäŽg—p%oº,³,çB  
,½,¾,μA'¼I,ìŽÊ^ ,âÑ'œ,ð-³'f,ÅŽg—p,·,é,Æ'm“ÍŠ—LĈ ,ìNŠQ,Æ,È,è,Ü,·,ì,  
ÅĈä'Ĉ^Ó%oº,³,çB

1996”N ”~'º.



•K{ŠÂ«F  
 œ}fCfNf\ftfg **Windows95**  
 œ256F^Éă,İ•\Ž!ŠÂ«

„,ŠÂ«F  
 œTrue Color •\Ž!ŠÂ«  
 œTwain ‘í%ž,ì%œ’œ“ü—í’•’u  
 œ}f%|fvfŠf“f^|  
 œ\•<sup>á</sup>,Éf,fŠ|  
 í^μ,æ%œ’œfTfCfY,ă’ă,«,È,é’öf,fŠ|,Í,½,,<sup>³</sup>,ň•K—v,É,È,è,Ü,·Bj



**Windows95** ,đ<N“ ®,μ□A,±,lfpfbfP□|fW,É“ü,Á,Ä,ç,é **Setup.exe** ,đŽÀ□s,μ,Ä  
 %o<sup>o</sup>,<sup>3</sup>,ç□B  
 fCf“fXfg□|f<□æ,đŽw’è,·,é,Æftf@fCf<,lfRfs□|,ªŽn,Ü,è,Ü,·□B

□œ<Æfo□|fWf#f“, ©,ç,lfAfbfvff□|fg,ì□ê□#□F  
 fo□|f`fff<□EfyfCf“f^□|,ªŠù,ÉfCf“fXfg□|f<,ª,é,Ä,ç  
 ,é□ê□Š,đŽw’è,μ,Ä□ASù’¶,lfyf@fCf<,É□ã□’,«,μ,Ä%o<sup>o</sup>,<sup>3</sup>,ç□B,±,α,·,é,îŠù’¶,ì□Ý’è“à—  
 e,ªÆp’±,<sup>3</sup>,é,Ü,·□B  
 ,½,<sup>3</sup>/<sub>4</sub>,μ□A,±,ì□ê□#,í,·,×,Ä,lfGfLfXfp□|fg□Ef,fff...□|f<,ª□Å□V”Å,É□X□V,<sup>3</sup>,é,Ü,·□B  
 □Vfo□|fWf#f“,đfCf“fXfg□|f<,μ,½□Æã,Å□A<Æfo□|fWf#f“,lf^fbf` ,É-  
 ß,·,½,ß,É,í□AfCf“fXfg□|f<,đŠJŽn,·,é’O,ÉVP2,ìŠg’£Žq,ì,Ä,ç  
 ,½ftf@fCf<,đ•É,ì□ê□Š,ÉfRfs□|,μ,Ä,“,„,ÆŠÈ’P,Å,·□B  
 ,±,é,ç,ì□V<Æ,lfyf@fCf<,đÆđŠ·,·,é,ì“Á’è,ì%o¼’z%oæ%oÆ,lf^fbf` ,đÆ<sup>3</sup>,É-ß,·,±  
 ,Æ,ª,Ä,«,Ü,·□B

□œfCf“fXfg□|f<Žž,lf□fbfZ□|fW□F  
 , ,É,½,lfRf“fsf...□|f^ ,ÉŠù,ÉfCf“fXfg□|f<,ª,é,Ä,ç,½ftf@fCf<,Æ□A,±,lfpfbfP□|  
 fW,lfyf@fCf<,ª□d•j,μ,Ä,ç,½□ê□#□Aftf@fCf<,ªfRfs□|,<sup>3</sup>,é,É,ç,±,Æ,ª, ,è,Ü,·□B  
 ,±,ì□ê□#,É,ì□ó<μ,đ’m,ç,<sup>1</sup>,éf□fbfZ□|fW,ª•\Ž|,<sup>3</sup>,é,Ü,·□B  
 ’É□í,±,ì,æ,α,Éftf@fCf<,lfRfs□|,<sup>3</sup>,é,é•K—v,í, ,è,Ü,<sup>1</sup>,ñ,ª□A, ,ì,ÄfRfs□|  
 ,đŽŽ,Ý,é,É,í□ASù’¶,lfyf@fCf<,đ•É,ì-¼’O,É•ì,ì,Ä, ©,ç□Ä“xfCf“fXfg□|f<,đ□s,Á,Ä  
 %o<sup>o</sup>,<sup>3</sup>,ç□B



### Virtual Painter Ver2.30j, ífvfFfAfeFFfA—L—¿j,Á,·B

, ±, ífvftfg, íŽŽ—pŠúŠÔ't, í-³—¿, ÁĚäŽg—p, É, È, ê, Ü, ·, ºA, » , íĚäĚp'±“l, ÉĚäŽg—  
p, É, È, é, ê, ÷, íft|fU|“o~^, º•K—v, Á, ·B  
ft|fU|“o~^—¿, í, R, W, O, O, Á, ·B

### œfvftgfeFFfA, í—

, ±, ífvftfg, íŠî- {•”•º, ĚfGfLfXfp|fg|Ef, fff...|f<, Á—, º, ê, Ä, ç, Ü, ·B  
fGfLfXfp|fg|Ef, fff...|f<, Ě, íSe%¼'z%œ%Ě, É'Š“- , ·, é•”•º, Á—  
^, |, ç, ê, ½ZÉ^, ðŠG%œfCf|fW, É•íŠ·, ·, é“ , «, ð, µ, Ü, ·B  
, ±, ífpfbfP|fW, É, í...É%œ(Rabica)A-ûÉ%œ(Purts)AfKfbfVf...  
(Quapeo)AfpfXfef<(Saplet)A“F%”•M(Plince), í, T, Á, ífGfLfXfp|fg|Ef, fff...|  
f<, ºSÜ, Ü, ê, Ä, ç, Ü, ·B

### œŽŽ—pŠúŠÔ, ĚŽŽ—pŠúŠÔ't, í—ŒÄŽ—€

, ±, ífvftfg, íŽŽ—p, ð-Ú“l, Ě, µ, ½|ê÷, ÉĚÄ, èA-³—¿, ÁŽg—p, Á, «, Ü, ·B  
, ½, ¾, µAŠefGfLfXfp|fg|Ef, fff...|f<, É, æ, éŠG%œ^—, í, R, O  
%ñ, Ü, Á, É—ŒÄ, º, ê, Ä, ç, Ü, ·B  
ŽŽ—pŠúŠÔ't, í, h, c”Ô|t, í“ü—í—v<, É'í, µm, b, |, Ž, f, ..., Ěn, ð'l'ð, µ, Ä%º, º, ç|B  
, È, “AŽŽ—pŠúŠÔ't, É, íŽd|ã, º, è%œ'œ, í^ê•”, Éf|fbfZ|fW, º', «ž, Ü, è, Ü, ·B  
, ±, íf|fbfZ|fW, í“à—e, í- {fvftfg, íf^fCf|fA'~|Ě “™”, É, Á, ç, Ä, Á, ·B

### œft|fU|“o~^

“o~^Žè±, «, ð, º, ê, ½•û, É, íŠefGfLfXfp|fg, É'í  
%ž, µ, ½, T, A, l, h, c”Ô|t, º'É'm, º, ê, Ü, ·B  
, “ŽĚ³, ífvftfg, É, h, c”Ô|t, ð“ü—í, ·, é, ĚA|fbfZ|fW, í', «ž, Ý, º%ðœ, º, ê, f  
ftfg, ðĚp'±“l, ÉŽg—p, Á, «, é, æ, x, É, È, è, Ü, ·B  
, ½, ¾, µAft|fU|“o~^, É, æ, Á, Äfvftfg, í<@”, ºŠg'£, , é, ç, íCº, º, ê, é, ±, Ě, í, , è, Ü, ¹,  
ñ, í, ÁAŽŽ—pŠúŠÔ't, É•K—v, ĚfefXfg, ðs, Á, ½|ã, Á“o~^, ðs, Á, Ä%º, º, ç|B  
, h, c”Ô|t, íĚäŠó-], É, æ, è“dŽqf|f<, Ü, ½, í—X•Ö, É, æ, è, “'m, ç, ¹, µ, Ü, ·B  
, È, “Af}ffj...fA<, âft|fbfs|, È, Ç, h, c”Ô|t^ÈŠO, í, à, í, í^ê|Ø'—•t, º, ê, Ü, ¹, ñ|B

### œ-Ě—Ó

, ±, ífvftgfeFFfA, í-œ'S, í'Ó, ð, à, Á, Ä|—, º, ê, Ä, “, è, Ü, ·, ºA-œ^ê, ±, ífvftgfeFFfA, ð  
%œ^—p, µ, ½Ě<%É, ç, ©, È, é'ŠSQ, º|, ½, Ě, µ, Á, àA, ±, íf  
ftfg, í'ŽO, “, æ, Ñ”z•zŽO, í^ê|Ø“C, ð•%, ç, Ü, ¹, ñ|B  
“Á, É'¼ŽO, íÑ'œĚ , , æ, Ñ~|Ě , íNSQ, ðs, í, È, ç, æ, x, É'Ó, µ, Ä%º, º, ç|B

**☐œŠg'£—\`è**

,±,ì\ftfg,ífGfLfXfp☐|fg☐Ef,fff...☐|f<,đ'Ç%oÁ,·,é,±,Æ,É,æ,è☐A%o¼'z%oæ%oÆ,ìŽí  
—p,đ'☐,â,<sup>1</sup>,é,æ,æ,É☐YCEv,<sup>3</sup>,ê,Ä,ç,Ü,·☐B  
,½,<sup>¾</sup>,μ☐A'Ç%oÁ,ífGfLfXfp☐|fg☐Ef,fff...☐|f<,É,Ä,ç,Ä,Í☐A•Ê“r—L—¿,Æ,È,é☐ê☐‡,ª, ,è  
,Ü,·,ì,Ä,·,ç,©,¶,βCEä☐<sup>3</sup>m,“,«%o<sup>o</sup>,<sup>3</sup>,ç☐B  
☐@,»,ì¼,ì<@“\Šg'£,Ü,½,Í•s<i☐‡,ì☐C•œ,ª☐s,í,ê☐A~ŽÒ<y,Ñ”z•zŽÒ,ª,±  
,è,đfAfbfvff☐|fg”Å,Æ,μ,ÄCEö•\,μ,½☐ê☐‡☐A“o~^ft☐|fU☐|  
,í,·,Ä,É,“Ž☐,¿,ì,h,c”Ô☐‡,Å,±,é,đ,“Žg,ç,É,È,è,Ü,·☐B  
fAfbfvff☐|fg”Å,íf|fbfgf☐☐|fN☐ã,ì“A'èftfH☐|f%of€ ,ÉCEf☐Ú,<sup>3</sup>,é,é—\`è,Å,·,ª☐A,»,ì“à—  
e,âŽžŠú,ÉSÖ,μ,Ä,ì,“-ñ'©,í,ç,½,μ,©,È,Ü,·☐B

**☐œfTf|☐|fg**

“o~^ft☐|fU☐|,Ö,ìTf|☐|fg,í^È%o<sup>o</sup>,ì<CEû,Å☐s,ç,Ü,·☐B

”z•zCE<sup>3</sup>☐i,PŽŸftf|☐|fg☐j☐F

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FAX : (0425)35-9902

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”~ŽÒ☐F

”~'º☐@☐,

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Inter-Net : <http://www.vector.co.jp/authors/VA006410> (Virtual Painter Home Page)

Inter-Net : <http://panda.com/> (P.&A. Home Page)

NIFTY-Serve: FWINMM/LIB4

NIFTY-Serve: FSWI/LIB16

NIFTY-Serve: SPANDA

**☐œ'~☐ìCE**

,±,ì\ftfgfEfeFfA,í”~'º☐@☐,,ª”~☐ìCE ,đ—L,μ,Ä,ç,Ü,·☐B

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,È,“☐A,±,ì\ftfgŠj”,É, ,½,è•Ä☐' Smart And Associates ŽĐ,©,ç,Í'g,©,ç—

ã,Ü,μ,đ,ç,½,<sup>¾</sup>,«,Ü,μ,½☐B

,±,±,ÉS'ŽÓ,đ•\,μ,Ü,·☐B

☐œ“o~^Žè'±,«,É,Ä,ç,Ä☐B











### □i□€”õ□j□D

,Ü, ,f\ftfg,İŠî-{"I,È"®□i□Y'è,đ□s,Á,Ä%oo<sup>2,3</sup>,ç□B



**[Environment...]**

### □i,P□j□D

'è□p,Æ,·,é%ooæ'œ,đ"ü—Í,μ,Ü,·□B

%ooæ'œ,Í True Color ,İŽÊ□^,đ□,,□š,μ,Ü,·□B



(a)ftf@fCf<,©,ç"Ç,Ý□ž,p□B□" **[Open]**



(b),s,v,` ,h,m'î%oož,ì%ooæ'œ"ü—Í'•'u,đŽg,¤□B□" **[Acquire]**



(c)fNfŠfbfvf{□|fh,©,ç'£,è•t,¯,é□B□" **[Paste]**

### □i,Q□j□D

•K—v,É%oož,¶,ÄfifvfVftf" ,ì□Y'è,đ□s,ç,Ü,·□B



(a)%oo¼'z%ooæ%ooÆ,đ'l'đ□B□" **[Painter]**



(b)%oo¼'z%ooæ%ooÆ,Ö,ì'□•¶□B□" **[Order]**



(c)ŠG%ooæ,ì□o—ÍfTfCfY,đ□Y'è□B□" **[Size]**



(d)Žâ'è,İžw'è□B

### □i,R□j□D



**[Start]**,Å□^—□,ªŽn,Ü,è,Ü,·□B

### □i,S□j□D

□o—^□ã,ª,Á,½ŠG,đ□o—Í,μ,Ü,·□B



(a)ftf@fCf<,É•Û'¶,·,é□B□" **[Save]**



(b)fvfŠf"f^,đŽg,¤□B□" **[Print]**



(c)fNfŠfbfvf{□|fh,ÖfRfs□|,·,é□B□" **[Copy]**



**[Open...]**

Virtual Painter, ovládací panel, soubor, úprava, okno  
"ň^3[k, l, c, h, a]CE`Ž®[i]\*.BMP[j, l, ý, a^μ, l, ü, ·]B



**[Save As...]**

Virtual Painter, ovládací panel, soubor, úprava, okno  
"ň^3[k, l, c, h, a]CE`Ž®[i]\*.BMP[j, l, ý, a^μ, l, ü, ·]B



**[Acquire...]**

Virtual Painter, ovládací panel, soubor, úprava, okno  
<@Šíf[ ]fj[ ], a<Ÿ<<, ·, éf\_fCfAf[fO[Ef{fbfNfX, É, æ, è'€[ ]i, μ, Ü, ·]B  
<@Šíf[ ]fj[ ], a<Ÿ<<, ·, éfffofCfX[Efhf%oofCfo[ ], l, 32bit, Å, , é•K—v, a, , è, Ü, ·]B



**[Select Source...]**

Virtual Painter, ovládací panel, soubor, úprava, okno



**[Print...]**

Virtual Painter, ovládací panel, soubor, úprava, okno  
<@Šíf[ ]fj[ ], a<Ÿ<<, ·, éf\_fCfAf[fO[Ef{fbfNfX, É, æ, è'€[ ]i, μ, Ü, ·]B



**[Printer Setup...]**

Virtual Painter, ovládací panel, soubor, úprava, okno  
<@Šíf[ ]fj[ ], a<Ÿ<<, ·, éf\_fCfAf[fO[Ef{fbfNfX, É, æ, è'€[ ]i, μ, Ü, ·]B



**[Environment...]**

Virtual Painter, ovládací panel, soubor, úprava, okno



**[Exit]**

Virtual Painter, ovládací panel, soubor, úprava, okno



[Copy]

%œ'œ,đNfŠfbvf{ |fh,ÖRfs|,μ,Ü,·B



[Paste]

%œ'œ,đNfŠfbvf{ |fh,©,ç'£,è•t,·,Ü,·B

œf“f|fCf“fg

'¼,lfOf%oftfBfbfNfX Ef\ftfg,Æ%œ'œ,đ,â,èŽæ,è,·,é,½,ß,lfRf}f“fh,Å,·B

'¼,lf\ftfg,ÅufRfs|v,đŽÀs,μA,±,¿,ç,Åu“\,è•t,·v,đs,κ,Æ

%œ'œ,đŽæ,èž,ρ,±,Æ,ª,Å,«,Ü,·B

,±,¿,ç,ÅufRfs|v,đŽÀs,μA'¼,lf\ftfg,Åu“\,è•t,·v,đs,κ,Æ%œ'œ,đ—

^,|,é,±,Æ,ª,Å,«,Ü,·B

,È,“AŠÂ««Ý'è,Å'Enable Link',đ'YES',É,μ,Ä,“,ÆA'¼,lfOf%oftfBfbfNfX Ef\

ftfg,Æ,ì~AÆg,ª—e^Ö,É,È,è,Ü,·B



%œ'œ, ð•ž|f, |fh, ð•iX, μ, Ü, ·B



**[Near]**

%œ'œ, ð•ž|f, |fh, ð•iX, μ, È, ç, Å•ž|, μ, Ü, ·B

%œ'œ, ð•ž|f, |fh, ð•iX, μ, È, ç, Å•ž|, μ, Ü, ·B



**[Middle]**

%œ'œ, ð•ž|f, |fh, ð•iX, μ, È, ç, Å•ž|, μ, Ü, ·B

%œ'œ, ð•ž|f, |fh, ð•iX, μ, È, ç, Å•ž|, μ, Ü, ·B



**[Far]**

[Middle], ð•ž|f, |fh, ð•iX, μ, È, ç, Å•ž|, μ, Ü, ·B

%œ'œ, ð•ž|f, |fh, ð•iX, μ, È, ç, Å•ž|, μ, Ü, ·B

**œf|f“f|fCf“fg**

œf|f“f|fCf“fg, ð•ž|f, |fh, ð•iX, μ, È, ç, Å•ž|, μ, Ü, ·B

œf|f“f|fCf“fg, ð•ž|f, |fh, ð•iX, μ, È, ç, Å•ž|, μ, Ü, ·B

%œ'œff|f^, ð•ž|f, |fh, ð•iX, μ, È, ç, Å•ž|, μ, Ü, ·B



— ^ , ! , ç , ê , ½ Ž Ê □ ^ % œ ‘ œ , ð Š î , É Š G , ð • ` , « , Ü , • □ B



**[Select Painter]**

% ¼ ‘ z % œ % œ / E , ð ‘ ð , μ , Ü , • □ B



**[Order]**

% ¼ ‘ z % œ % œ / E , Ö , ð ‘ □ • ¶ , ð , μ , Ü , • □ B



**[Size]**

Š G % œ , ð □ o — ð f T f C f Y , ð Ž w ‘ è , μ , Ü , • □ B ( □ d — v )



**[Start]**

□ ^ — □ , ð Š J Ž n , μ , Ü , • □ B

□ ^ — □ ‘ t , ð I Working f E f B f “ f h f E , œ E » , ê □ A □ ^ — □ , ð i ‘ » □ ó < μ , ð • \ Ž ! , μ , Ü , • □ B



**[Cancel]**

□ ^ — □ ‘ t , ð , ± , ð f □ f j f ... □ | , œ • \ Ž ! , œ , ê , Ü , • □ B

, ± , ê , ð ‘ ð , • , é , Æ □ ^ — □ , ð ‘ t ‘ f , μ , Ü , • □ B

, ½ , ¾ , μ □ A ‘ â , « , ç % œ ‘ œ , ð □ ^ — □ ‘ t , ð , • , ® , É , ð ‘ â Ž ~ , Å , « , È , ç , ± , Æ , œ , , è , Ü , • □ B



**[Undo]**

□ ^ — □ , ð □ | — <sup>1</sup> C E ã □ A Undo < @ “ \ , œ — L C E ø , É □ Y ‘ è , œ , ê , Ä , ç , é , Æ □ A , ± , ð f □ f j f ... □ | , œ • \ Ž ! , œ , ê , Ü , • □ B

, ± , ê , ð ‘ ð , • , é , Æ □ A □ ^ — □ , œ , ½ % œ ‘ œ , ð □ ^ — □ ‘ O , ð ó ‘ Ô , É - ß , è , Ü , • □ B

, ± , ð < @ “ \ , ð — L C E ø □ ^ — <sup>3</sup> C E ø , ð □ Ø ‘ Ö , Í Š Â < < □ Y ‘ è , Å □ s , ç , Ü , • □ B

**□ œ f □ f “ f l f C f “ f g**

□ ^ — □ , É — v , • , é Ž Ž Š Ô , ð □ A % œ ‘ œ , ð f s f N f Z f < □ “ □ i - Ê □ ð j , É , Ü , Ú “ ä — á , μ , Ä ‘ • , , È , è , Ü , • □ B

□ c % œ ; 1000 Pixel , ð % œ ‘ œ , É — v , • , é Ž Ž Š Ô , ð , P , Æ , • , é , Æ □ A

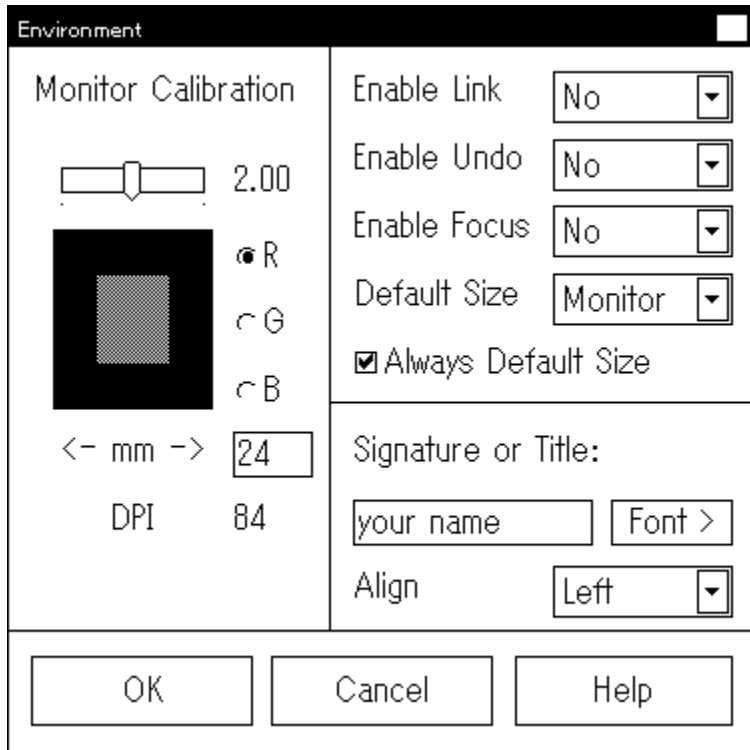
□ c % œ ; 2000 Pixel , ð ê □ † , ð , S , œ • K — v , É , È , è , Ü , • □ B

, ½ , ¾ , μ □ A % œ ‘ œ , ð ‘ â , « , œ , É ‘ ð , μ , Ä □ \ • œ , È f □ f , f Š □ | , œ Š m • Ú , Å , « , È , ç Š Â < < , Å , ð □ A f n □ |

f h f f f B f X f N , œ Ž g — p , œ , é , ½ , ß □ ^ — □ ‘ — “ x , ð < } C E f , É ‘ á % œ ° , μ , Ü , • □ B



fjftfg,ìŠì-{"®ì,ðÝ'è,μ,Û,·B



,Û, Af\_fCfAf\_fO\_fE\_f{fbfNfX,ì¶'α,ì^èCEQ,ð'€ì,μ,ÄA, ,È,½,ì CRTf,fjf^  
,ì"Ä«,ð'è,μ,Û,·B  
Žn,β,íÔ,çF,ì'éCE` ,a·\Ž!,³,é,Û,·B  
<éCE` ,ìã,É, ,éfXf%ofCf\_||,ð"® ,© , ,ÆA"à'α,ì"•a,ì-¾,é,³ ,a·ì%» ,μ,Û,·BŠO'α  
,ì"•a,Æ"à'α,ì"•a,ì-¾,é,³ ,a"™ ,μ,È,é,æ,α,É^É'u,É'²β,μ,Û,·BŽÝ,ÉA—  
Îi,fj,ð'ì'ð,μÄ,ÑfXf%ofCf\_||,ð'²® ,μ,Û,·B" —I,ÉÄi,a,É,Ä,ç,Ä,às,Ä,Ä  
%º,³,çB  
ŽÝ,ÉAf~fŠf||fgf<,ì-Ú·,è,ì,Ä,ç,½'è<K,ð—p^Ó,μ,ÄA<éCE` ,ì%  
; ,ì·Ó,ì'·,³,ð'è,μ,Ä%º,³,çB  
'a'è,μ,½'l,ð '<- mm ->' ,ì%E'α,É, ,éf{fbfNfX,É"ü—Í,μ,Ä%º,³,çB  
^Èã,Ä CRT f,fjf^||,ÉŠÖ,·,éÝ'è,ì|—¹,Ä,·B

ŽÝ,ÉAf\_fCfAf\_fO\_fE\_f{fbfNfX,ì%E'α  
,ì^èCEQ,ð'€ì,μ,ÄA,»,ì¼,lflfvfVf#",ðÝ'è,μ,Û,·B  
'Enable Link',ð'YES',É,·,é,ÆA¼,lfof%oftfBfbfNfXfEjftfg,Æ,ìACEg,a—  
e^Ö,É,È,è,Û,·B  
¼,ljftfg,Ä%æ'æ,ðNfŠfbfvf{||fh,ÉfRfs||,·,é,ÆAfo||f`fff<fyfCf"f^||

,í¼,¿,É,» ,ì%œ'œ,ðŽæ,èž,Ý,Ü,·B  
,Ü,½fo|f' fff'fyfCf'f^|,lfEfBf'fhfE,í¼,lf\ftfg,lfEfBf'fhfE,ì%œ,É%B,è,È,-  
,È,è,Ü,·B

**'Enable Undo'** ,í^—|,ìŽæ,èA,μ<@"\,ð—LCEø,É,·,é,©-  
³CEø,É,·,é,©,ðÝ'è,μ,Ü,·B  
—LCEø,É,·,é,Æ^—|,ª|—¹,μ,½CEã|AŠÈ'P,ÉCE³,ì%œ'œ,É-ß,·,±,Æ,ª,Å,« ,Ü,·B  
,½,¾,μA,½,,³,ñ,lf|f,fŠ|,ð•K—v,Æ,·,é,½,ßf|f,fŠ|'<|Ú—Ê,ª|,È,çfVfXfef€  
,âA<|'â,É%œ'œ,ð^μ,æè|,í^—|'—'x,ª'áCE,μ,½,è|Af|f,fŠ|'s'« ,É,æ,è^—  
|,ª's%œ'Å"\,É,È,éè|,ª, ,è,Ü,·B  
—LCEø,É,·,éŽž,í **'YES'** ,ð, "l,Ñ%œ,³,ç|B

**'Enable Focus'** ,íŽâ'è,ìŽw'è<@"\,ð—LCEø,É,·,é,©-³CEø,É,·,é,©,ðÝ'è,μ,Ü,·B  
—LCEø,É,·,é,Æ%œ'œ,í't,Å|d—vž<,·,é•"•ª,ðŽw'è,Å,« ,é,æ,æ,É,È,è,Ü,·B  
—LCEø,É,·,éŽž,í **'YES'** ,ð, "l,Ñ%œ,³,ç|B

**'Default Size'** ,í"ü—í%œ'œ,ì|o—|fTfCfY,ª-ç'è< ,ìè|,É"K—  
p,³,é,éTfCfY,Å,·B  
^è"É,ÉfXfLfffi|, ©,ç"ü—í,³,é,½%œ'œ,í"ü—ížž,É|o—|fTfCfY,ªCE^'è,³,é,Å,ç  
,Ü,·,ª|Aftf@fCf<,âfNfŠfbfvf{|fh, ©,ç"ü—í,³,é,½è|,í-ç'è< ,É,È,Á,Ä,ç,é,±,Æ,ª, ,  
è,Ü,·B  
,±,lfTfCfY,lfŠfXfg,ì't, ©,ç, "l,Ñ%œ,³,ç|B  
"Á,ÉŠY"—,·,é,à,ì,ª-³,çè|,í **'Monitor'** ,ð, "l,Ñ%œ,³,ç|B

**'Always Default Size'** ,ðf`fFbfN,·,é,Æ|A"ü—í%œ'œ,ì'è<`fTfCfY,í-  
³ž<,³,é|,É|ã<L,lfTfCfY,ª"K—p,³,é,Ü,·B

**Web fuf%œfEfu|**,É,Çf,fjf^|,ÅCE©,é,±,Æ,ª-Ú"l,ì%œ'œ,í|A,±,ì|€-  
Ú,ðf`fFbfN,μ **'Default Size'**,ð **'Monitor'**,ÉÝ'è,·,é,Æ,æ,ç,Å,μ,â,æ|B

**'Signature or Title'**,ì%œ,ì|—¼—" ,É, ,È,½,ì|—¼,âf^fCf|f<,ðÝ'è,μ,Ä  
%œ,³,ç|B  
,±,ì|—¼,ÍŠG%œ,É|',«ž,Ü,è,Ü,·B|',«ž,p^Ê'u,í **'Align'**,Å'í'ð,Å,« ,Ü,·B|—  
¼,ð|',«ž,Ý,½,,È,çè|,íA|—¼—" ,ðó  
—" ,É,·,é,© **'Align'**,Å **'Cancel'**,ð'í'ð,μ,Ü,·B,Ü,½ **'FONT'**,Å,í|—  
¼,ì|'íA'â,« ,³A|F,ð'í'ð,Å,« ,Ü,·B

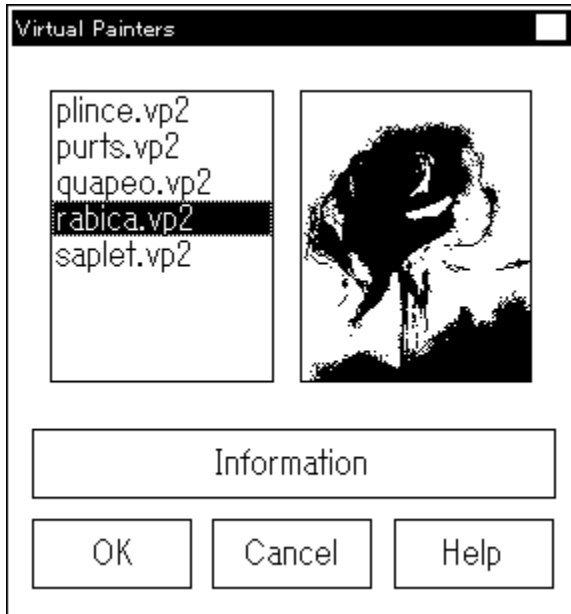
### œf|f|fCf'fg

fVfŠf'fg,ì|F,í CRT f,fjf^|,ì'è'è'l,É,æ,Á,Äž©"®"l,É'²|®,³,é,Ü,·B  
fVfŠf'fg,ì|F,ª<C,É"ü,ç,É,çžž,íA'è'è'l,É" C^Ó,ì'l,ðÝ'è,·,é,±,Æ,à-³É,Å,í, ,è,Ü,¹,ñ|  
B  
,±,ìè|,íA|F%œfCf\_|,ì%œ'æ,ì|"l,ª'â,«,,È,é'ö|A|fVfŠf'fg,lfRf'fg%œfXfg,í|,·-  
,È,è,Ü,·B





Virtual Painters  
 plince.vp2  
 purts.vp2  
 quapeo.vp2  
 rabica.vp2  
 saplet.vp2

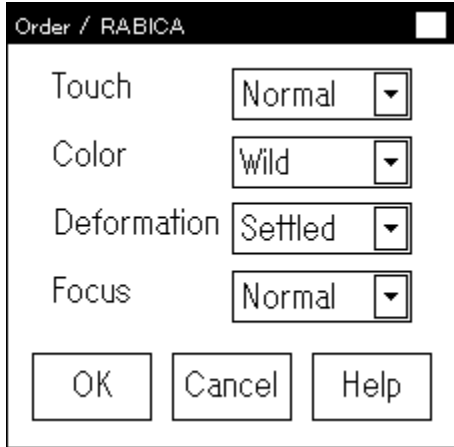


Information  
 OK Cancel Help

Expert Module  
 [Information]  
 LCE DPI



ŠeŃ€-Ú,É,Â,ç,Ä,İŠó-],đřřXfg,İ't,©,ç'İ'đ,μ,Ä%º,³,çŃB



'Wild' ,đ'İ,Ô,Æ%¼'z%œ%Æ,İŽ©—R-z•ú,ÉŽdŽ-,đ,μ,Ü,ŃB

'Normal' ,Í•WŃ€"İ,ÈŃÝ'è,Â,ŃB

'Settled' ,đ'İ,Ô,Æ%¼'z%œ%Æ,İĀÉ'‰œ,É'‰ŽÀ,ÉŽdŽ-,đ,μ,Ü,ŃB

**[Touch]**f^fbf` ,É,Â,ç,Ä

•MŃŌ,â,É,Ń,Ý,È,ÇŃA'fŃš' ,đ,ç,İ'ö"x•\,μ,Ä,æ,ç,©ŃB

**[Color]**ŃF,É,Â,ç,Ä

ŃF,đ,ç,İ'ö"x•İ,İ,Ä,æ,ç,©ŃB

**[Deformation]**•İĀÉ` ,É,Â,ç,Ä

ĀÉ` ,đ,ç,İ'ö"x•İ,İ,Ä,æ,ç,©ŃB

**[Focus]**Žâ'è<'²,É,Â,ç,Ä

Žâ'è,Æ"wĀi,Æ,đ,ç,İ'ö"x,Í,Á,«,è,Æ<æ•Ē,μ,Ä,æ,ç,©ŃB

,È,ŃŃAŃÝ'è,Í%¼'z%œ%Æ-^ ,É"Æ—š,É•Ū'Ń,³,ê,Ü,ŃB

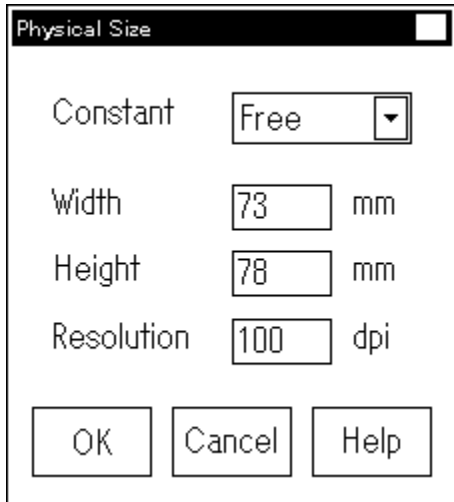
'Ń•Ń,đ•İŃX,Ń ,éŽŽ^ÈŠŌ,É,½,Ń,½,ŃŃs,Ń•K—v,Í, ,è,Ū,¹,ňŃB



☐œ☐o—ÍfTfCfY,ì☐Ý'è,í☐ACE<%œÊ,É'â,«,%œe<ζ,μ,Û,·,ì,Â"Á,É'☐^Ó,ª•K—  
v,Â,·☐B

%œ¼'z%œ%œ/Æ,í☐o—ÍfTfCfY,É%œž,¶,Ä•M,ðŽg,ç•ª,¯,Û,·☐B  
'â,«,É%œæ'œff☐|f^,ð☐¬,³,ÉŽt,É☐o—Í,·,é☐i= **DPI**  
,ª'â,«,ç☐jŽž,í'â,«,É•M,ðŽg,ç☐A<t,ì☐ê☐‡,í☐¬,³,É•M,ðŽg,ç,Û,·☐B  
,±,ê,É,æ,èŽÀ☐Û,É☐o—Í,³,ê,½Žž,É☐Á"K,ÈfTfCfY,ìf^fbf` ,Æ,È,è,Û,·☐B

,Û,·,CE»☐Ý,ì☐o—ÍfTfCfY,ðŠm" F,μ,Ä%œº,³,ç☐B  
%œæ'œ,ª"ü—Í,³,ê,é,Æ☐Af^fcfgf<,Æ<ª,É☐o—ÍfTfCfY,Æ DPI ,ª•\Ž|,³,ê,Û,·☐B  
"ü—Í,μ,½Žž" ,Ä,·,Ä,É☐o—ÍfTfCfY,ªCE^,Û,Á,Ä,ç,½☐ê☐‡,í,» ,ì' ,ª•\Ž|,³,ê☐A-  
ç'è<` ,¾,Á,½☐ê☐‡,íŠÁ<<☐Ý'è,ÁfZfbfg,μ,½' ,ª•\Ž|,³,ê,Û,·☐B  
CE»☐Ý,ì' ,ªSó-],·,é☐o—ÍfTfCfY,Æ^Û,È,Á,Ä,ç,é☐ê☐‡,í^È%œº,ì,æ,ª  
,É,μ,Ä' ,ðŽw'è,μ,Ä%œº,³,ç☐B



,±,ìf\_fCfAf☐fO☐Ef{fbfNfX,Á☐o—ÍfTfCfY,ðŽw'è,·,é•û-@,í,R,Â, ,è,Û,·☐B

**(1). 'èCE^fŠfXfg,ì't,©,ç'l,Ô**

fŠfXfg,É,íŠô,Á,©,ì'èCE^ftfCfY,ª—p^Ó,³,ê,Ä,ç,Û,·☐B  
'èCE^ftfCfY,ð'l,ñ,¾☐ê☐‡☐A%œæ'œ,ì☐c%œ  
j"ä,ð^ÛŽ☐,μ,½,Û,Û,Ä☐A'èCE^ftfCfY,É"l,Û,é☐Á'â,ì'â,«,³,ª☐o—ÍfTfCfY,É,È,è,Û,·☐B  
**'Monitor'** ,ð'l,Ô,Æ CRT f,fjf^☐|,É•\Ž|,³,ê,é'â,«,³,ª☐o—ÍfTfCfY,É,È,è,Û,·☐B  
**'Free'** ,ìfŠfXfg,ì"à—e,ª"Á,ÉŽw'è,³,ê,Ä,ç,É,ç,±,Æ,ðŽ|,·,à,í,Ä☐A,±  
,è,ð'l'ð,μ,Ä,à^Ó-ì,í, ,è,Û,¹,ñ☐B

**(2). ☐c,©%œi,ì'·,³,ðf~fŠf☐☐|fgf<'P^Ê,ÁŽw'è,·,é**

'Width' i%o; j, Ü, ½, í A 'Height' i c j, ì ·, ³, ð "" l, Åžw' è, µ, Ü, · B

(3). %ø ð' œ " x, ð DPI 'P^Ê, Åžw' è, ·, é  
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DPI , ì - L Ç ø " í' í, í % o ¼ ' z % o o æ % o o Æ, ², Æ, É ^ Ù, È, è, Ü, · B @, ±, ê, í [Information]  
, Å '², x, é, ±, Æ, à o - ^, Ü, · B



‰¼'z‰æ‰Æ,ÍŽÊ^,©,çŽă'è□i□d—v•"•ª□j,đŽ©“®“l,ÉŽ•Ê,μ,Û,·,ª□Aft□  
 fU□,ª“Á'è,ì•"•ª,đŽw'è,·,é,±,Æ,à‰Ā"\\,Ā,·□B  
 Žă'è•"•ª,í¼,ì•"•ª,É"ä,x,ĀÆ³,ÍŽÊ^,É'‰ŽĀ,É□^—□,³,ê,Û,·□B  
 ,±,ì<@"\\,ì—LCE∅□^—³CE∅,ì∅'Ö,ÍŠĀ<<□Ý'è,Ā□s,ç,Û,·□B  
 ,±,ì<@"\\,ª—LCE∅,ÈŽŽ,í‰æ'œ"ü—íĀ□Af}fEfXfj□|fç,ªŽè,ìCE` ,É,È,è,Û,·□B

^È‰º,ÍŽă'èŽw'è,ìŽè□‡,Ā,·□B



□d—v•"•ª,đ'È‰~ ,Ā'í,Ā,ĀŽw'è,μ,Û,·□B  
 ,±,ì€□,É,ìf}fEfX,ì‰E,Æ□□,ìf{f^f"€□,ª•K—v,Ā,·□B  
 ,P□D□Ā‰,ì□fNfŠfbfN,Ā□A'È‰~ ,ì^è,Ā—Ú,ì' " ,ªCE^è,μ,Û,·□B  
 ,Q□D,Q‰ñ—Ú,ì□fNfŠfbfN,Ā□A'È‰~ ,ì••Ó,ªCE^,Û,è,Û,·□B  
 ,R□D,R‰ñ—Ú,ì□fNfŠfbfN,Ā□A'È‰~ ,ì•□,ªCE^,Û,è^è,Ā,ì—ì^æ,ªŠ@□—,μ,Û,·□B  
 ,S□D^ÈĀ□A,±,ìŽè□‡,đCEJ,è•Ô,·,±,Æ,Ā□Ā'â,Q,OCEĀ,ì'È‰~ ,ª□,è,Û,·□B  
 ,T□D'È‰~ ,í□d,É,è□‡,±,±,Æ,à‰Ā"\\,Ā,·□B  
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 □@□@^ÈĀ□A‰EfnfŠfbfN,đCEJ,è•Ô,·,±,Æ,Ā□A'È‰~ ,đ□ì□—,μ,½‰β'ö,đ<t,É  
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**□œf□f“f|fCf“fg**

'È‰~ ,ì^É'u,â'â,« ,³,ì³Šm,Ā, ,é•K—v,í, ,è,Û,¹,ñ□B  
 Žă'è,đ,·,·,Û,©,É'í,ñ,Ā,ç,ê,ì□•ª,Ā,·□B  
 'È‰~ ,í‰æ'œ,ìŠO,É,í,Ý□o,μ,ĀŽw'è,·,é,±,Æ,à‰Ā"\\,Ā,·□B  
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,Û,½□ACEë,Ā,Ā‰æ—Ê,đfnfŠfbfN,μ,Ā,μ,Û,Ā,½□ê□‡□A  
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,Û,½□A,±,ì<@"\\,ìCE∅‰Ê,í‰¼'z‰æ‰Æ,Ö,ì'□•□,Ā  
 [Focus] ,đ 'Wild' ,É□Ý'è,·,é,±,Æ,Ā□Ā'â,É,È,è,Û,·□B



”~‘° □, Taka Umemura

1962”N“Œ<ž□¶,Ü,ê□B

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□\_“p□iŒŒ\$“i’òŽs□Ý□Z□B

1990, ‘æ,Q%oňPIXEL CG fOf%of“fvfŠ□@□|—D□G□Ü□|

1989, ‘æ,P%oňPIXEL CG fOf%of“fvfŠ□@□|□R□,^ðŒ\$—ă□Ü□|

1987, ‘æ,S%oňf`f#fCfX ”N“x□Ü□@□@□@□|“ü□Ü□|

1994, ŒĀ“W□|Painting With Computer□|(fVfjS□Afgf%ofCfjf“‘ăŠw)

1993, fffWf^f<fCf□□|fW“W(“Œ<ž□A’ă□ă)

1992, Art Art 92(“Œ<ž)

1992, fffWf^f<fCf□□|fW“W(“Œ<ž)

1992, Imagina 92(f,f“fefjf<f□)

1991, fnfCfefN□EfA□|fg“W(“Œ<ž)

1991, fffWf^f<fCf□□|fW“W(“Œ<ž)



