



'l'đ,μ,½fvj□ftfB□[f<,đ nView Desktop Manager ,É"Ç,Ý□ž,P,±,Æ,ª,Ā,«,Ü,·□B fvj□ftfB□[f<,ª"Ç,Ý□ž,Ü,é,é,Æ□ADesktop  
Manager ,l,·,x,Ā,ljjfCEf"fg□Ý'è,l□A"Ç,Ý□ž,ñ,¼fvj□ftfB□[f<,l□Ý'è,Ā'u,«Š,·,ç,é,Ü,·□B

NVIDIA nView Desktop Manager fZfbfgfAfbfv fEfBfU[fh,đŽÀ[s,Á,«,Û,·□B  
fEfBf“fhfEŠÇ—□□AfffXfNfgfbfvŠÇ—□□A,“,æ,N□u“š-¾“x□vCEø%øÊ,đŠÛ,p□Ā,à^è”I,È•\Ž!□Y’è,đŽÀ[s,μ,Û,·□B Windows  
,đ“Ç,Y□ž,p□Ů,É nView Desktop Manager ,đŽ©“®“I,É<N“®,.,é<@“\,đ—LCEø,Û,½,I-³CEø,É,Á,«,Û,·□B



nView Desktop Manager ,lfjfcEfg,È'SY'è,đŠÜ,pV<Kjvf[]ftfB[]f<,đ[]-/'Ç%Á,Á,«,Ü,·B ^ê"x•Ú'¶,·,é,ÆA,ç  
,Á,Á,à"Á"Ç,Ýž,Ý,Á,«,Ü,·B

'l'δ,μ,½fvf□ftfB□[f<,ÉjffCEf"fg,È□Ý'è,δ•Ù'¶,À,«,Ü,·□B ^ê"x•Ù'¶,·,é,Æ□A,ç,À,À,à□À"Ç,Ý□ž,Ý,À,«,Ü,·□B

'δ,μ,½fvf□ftfB□f<,δ□í□ce,Å,«,Ü,·□B

fEjBj“fhfE,ðfffBjXfvjCEjC,ÉfXfjpf“,Ä,«,Ü,·□B  
,±,ÿfjfvjVfj†“-³CEø,É,È,Ä,Ç,ç,é□ê□#□AfEjBj“fhfE,ÿfXfjpf“,µ,Ü,<sup>1</sup>,ñ□B



fAfvfŠ“à,iŽqfEfBf“fhfE,ðfffBfXfvfCfC,ÉfXfpf“,Ä,«,Ü,·□B  
,±,îfjfvfVf†“,²1’ð,³,è,Ä,ç,È,ç□è□†□A□efEfBf“fhfE,²fXfpf“,µ,Ä,à□AŽqfEfBf“fhfE,îfXfpf“,µ,Ü,¹,ñ□B  
f□f,□F,±,îfjfvfVf†“,ÉfAfNfZfX,·,é,É,í□A,Ü,· [•i□“f,jfj^,É,í,½,éEfBf“fhfE,ì•Ž!,ð—LCEø,É,·,é] fjfvfVf†“,ð—  
LCEø,É,µ,É,·,é,í,È,è,Ü,¹,ñ□B

'SfAfvfŠ,lfEfbf"fhfE,lf^fCfjf< fo[]l,É[]AnView Desktop Manager fEfbf"fhfE,ì[]Å'â%»f{f^f",ð'Ç%»Á,μ,Û,·[]B  
,±,lf^fCfjf< fo[]l f{f^f",ðŽg—p,·,é,Æ[]Af}f<f`fffBfXfvfCfC[]Ý'è,Å[]Å'â%»/•œCE³[]ó'Ö,ð[]Ø,è'Ö,!,é,±,Æ,ª,Å,«,Û,·[]B

,±,lfvfVf#f“,đŽg—p,,:é,ÆAf\_fCfAf□fO f{fbfNfX,í^É'u,đŽw'è,Ä,«,Ü,·□B

§ [f\_fCfAf□fO f{fbfNfX,đf,fjf^ n ,É•\Ž!} (n ,í"Ö†) ,đ'í'đ,,:é,ÆAf\_fCfAf□fO f{fbfNfX,í"Á'è,íf,fjf^ ,É□Ä"z'u,<sup>3</sup>,è,Ü,·□B

§ [f\_fCfAf□fO f{fbfNfX,đf□[f^É'u,É•\Ž!} ,đ'í'đ,,:é,ÆAf\_fCfAf□fO f{fbfNfX,íf□[f^,ì) ,éf,fjf^ ,É□Ä"z'u,<sup>3</sup>,è,Ü,·□B

§ [f\_fCfAf□fO f{fbfNfX,đfAfvfSfP□[vf#f“,lf,fjf^ ,É•\Ž!} ,đ'í'đ,,:é,ÆAf\_fCfAf□fO f{fbfNfX,í□efAfvfS,É□Ä"z'u,<sup>3</sup>,è,Ü,·□B

f\_CfAf□O f{fbfNfX,đ“Á'è,lfffBfXfvfCfC,É•\Ž!,μ,Û,·□B

f\_CfAfo f{fbfNfX,ðff[f^f<,ə, ,éfffBfXfvfCfC,ÉÄ"z'u,μ,Ü,·B

f\_fCfAf□fO f{fbfNfX,đ□efAfvfŠ,İfffBfXfvfCEfC,É•\Ž!,μ,Ü,-□B

-í^ó,đfNfšfbfN,.,é,Æ□Af\_fCfAf□fO f{fbfNfX,đ•\Ž!.,éfffBfXfvfCfC,đ'!đ,Ä,«,Ü,-□B

[nView **fifvfVfjf**] ,đfAfvfŠ,lfVfXfef€ f[]fj...[][,É'Ç%Á,μ,Û,-[]B .

1. fvfxfef€ f[]fj...[][,ÉfAfnfzfx,.,é,É,í[]AfeBf“fhfE,íf^fCgfk fo[][,đ%EfNfŠfbfN,μ,Û,-[]B

2. ŽŸ,É [nView **fifvfVfjf**] ,đfNfŠfbfN,.,é,Æ[]AfvfŠ[]ê—p,ì nView Desktop Manager <@“\,ÉfAfnfzfx,Á,«,Û,-[]B



fEfBf“fhfE,đ□uŠJ,□v□A□u□Ā‘â%o»,.,é□v□A□u•œĈ³,.,é□v<@”\,đ□,‘¬%o»,μ,Û,·□B

fEfBf“fhfE,ðfhf%ofbfO, : ,é,Æ,«,lfEfBf“fhfE,ì“\$%oß<@“\,ð—LÆø,É,μ,Û,·□B fEfBf“fhfE,lf^fCfgr< fo□[,Åf}fEfX,lf{f^f“,ð  
%oY,μ,½,Û,Û,É,·,é,ÆfEfBf“fhfE,í“\$-¾,É,È,è□A%oo,É%o½,ª, ,é,©‘f□,Æ©,é,±,Æ,ª,Å,«,Û,·□B  
f}fEfX,lf{f^f“,ð•ú,·,Æ□AfEfBf“fhfE,í•s“\$-¾,É,È,è,Û,·□B

^Ú"®'t,ìfEjBf"fhfE,ì"§-¾"x,ðÿ'è,μ,Û,·B 'l'ð,μ,½fp[]fZf"fg'l,³,ç,Ù,Ç[]AfEjBf"fhfE,ì^Ú"®'t,ì"§-¾"x,à,,È,è,Û,·B

f}fEfX fzfC[fç,đŽg—p,·,é,ÆAfY[f€ fEfBf“fhfE,afAfNfefBfu,Èéé†,ÉŠg’âk—fCefxfç,đ•ĩX,Å,«,Ü,·B

f}fEfX fzfc[f<,đŽg—p,·,é,Æ[]Ashift fL[.đ%Ÿ,μ,È,³,çY[f€ fEfBf“fhfE,iŠg’â[]k[]~fCefxf<,đ•ï[]X,Ä,«,Ü,·[]B  
f[]f,[]F [Ctrl] f[]f[]Vf[]f[]“,à’l’đ,³,ê,Ä,ç,é[]ê[]ž,í[]A[]f}fEfX fzfc[f<,ÄŠg’â[]k[]~fCefxf<,đ•ï[]X,·,é,É,í[]A[]Ctrl fL[.Æ shift  
fL[.l—¼•ú,đ%Ÿ,μ,½,Ü,Ü,μ,Ü,·[]B

f}fEfX fzfC[f<,đŽg—p,·,é,Æ[]Actr1 fL[],đ%Ÿ,μ,È,³,çfY[]f€ fEfBf“fhfE,İŠg’â[]k[]~fCEfxf<,đ•İ[]X,Ä,«,Ü,·[]B  
f[]f,[]F [Shift] f!fvjVf#f“,à‘l’đ,³,ê,Ä,ç,é[]é[]‡,Í[]Af}fEfX fzfC[f<,ÄŠg’â[]k[]~fCEfxf<,đ•İ[]X,·,é,É,Í[]Actr1 fL[],Æ shift  
fL[],l—¼•ù,đ%Ÿ,μ,½,Ü,Ü,μ,Ü,·[]B

fY[]f€ fEfBf"fhfE,đŠ),č,½,Æ,«,É[]'ŽŠá<¼fc[]f<,đŠÜ,pfY[]f€ fEfBf"fhfE,đ[]-μ,Ü,·[]B 'ŽŠá<¼fc[]f<,đŠÜ,pfY[]f€ fEfBf"fhfE,É,í[]A,»,'+%%>,É"',ìŽİŠp,ªŠÜ,Ü,è,Ä,č,Ü,·[]B

▫ Šg'â[]k[]-fCfxf<,đ'²[]@,·,é,Æ[]A"',ìŽİŠp,đ'â,«,μ,½,è[]-,³,,μ,½,è,Ä,«,Ü,·[]B

▫ Šg'â,·,é-î^æ,ÉfY[]f€ fEfBf"fhfE,đfhf%ofbfO,μ,Ä[]"š-¼,ì"',ìŽİŠp,ÅŠg'â-  
ì^æ,đ^í,ñ,¼,ç[]Af}fEfX,ìf{f^f",đ•ú,μ,Ü,·[]B "š-¼,ì"',čŽİŠp,ì"à•",ªŠg'â,³,ê[]AfY[]f€ fEfBf"fhfE'S'ì,É•\Ž'ì,³,è,é,æ,x  
,É,È,è,Ü,·[]B

fY[f€ fEfBf“fhfE,đŠ),č,½,Æ,«,É□Aƒ□[ſf<,iŽü^í,i—i^æ,đŠg'â•\Ž!.,éfY[f€ fEfBf“fhfE,đ□□→,μ,Ü,:□B



%œ-Ê,ì'ð-ì^æ,ðŠg'â•\Ž|, : éfEjBf“fhfE,ìfj“ /flft,ð∅,è'Ö,!,é,±,Æ,ª,À,«,Û, □B

1 CEÂ, ðfL[]Ü, ½, ðfL[], ð'g[]#, i, ¹, ð%oÿ, µ, ÄŽÄ[]s, Ä, «, é'€[]i, ð—ñ<L, µ, Ü, ·[]B

feLjXfg f{fbfNfX,ì“à'α,δfNfŠfbfN,·,é,Æ□AfL□[f{□[fh,Å%Ÿ,μ,½fL□[·,³feLjXfg f{fbfNfX,É•\Žì,³,é,Ü,·□B

1. [‘€□ì] feLjXfg f{fbfNfX,É•\Žì,³,é,é'ì'δ□ì,Ÿ'€□ì,δŽÀ□s,·,é,½,β,ÉŽg—p,·,éL□[Ü,½,í,»,ì'g□‡,í,¹,δ'ì'δ,μ,Ü,·□B

2. ŽŸ,É [οκ] ,δfNfŠfbfN,μ,Ü,·□B

'l'đ,μ,½fzfbfg fL[] ,Æ,» ,i'€[] "à—e,đ [fAfNfefBfu,Èfzfbfg fL[] ] fŠfXfg,É'Ç%oÁ,Ā,«,Ü,·[]B 'Ç%oÁ,³,ê,½fzfbfg  
fL[] .í[]AfAfNfefBfu,Æ,È,èŽg—p,Ā,«,Ü,·[]B

'l'đ,μ,½fzfbfg fL[]đ [fAfNfefBfu,Ěfzfbfg fL[]] fŠfXfg,©,c[]œ<Ž,Ā,«,Ü,·[]B []œ<Ž,<sup>3</sup>,ê,½fL[],í[]A,à,í,âfAfNfefBfu,Ā,Ě,-  
,Ě,è[]AŽg—p,Ā,«,Ü,<sup>1</sup>,ň[]B

'Sfzfbfg fl[]l,đ [fAfNfefBfu,Ěfzfbfg fl[][] fŠfXfg,©,ç[]œ<Ž,Ā,«,Ü,·[]B []œ<Ž,<sup>3</sup>,é,½fl[]l,í[]A,à,í,âfAfNfefBfu,Ā,È,,È,è[]AŽg  
—p,Ā,«,Ü,<sup>1</sup>,ñ[]BŠ,,è"—,Ā[]l,Ÿ,ĀE»[]ŸfAfNfefBfu,Ěfzfbfg fl[]l,đ—ñ<L,μ,Ü,·[]B

CE»ŸŽg—p,Ä,«,é,; x,Ä,İffXfNfgfbfv,đ—ñ<L,μ,Û,·□B  
,±,İŸfXfg,©,çffXfNfgfbfv,đ'ı'đ,·,é,Æ□AfAfNfefBfu%»□A-¼'O,ı•İ□X□A□œ<Ž□A□Ø,è'Ö,ı,đ□s,È,π,±,Æ,ª,Ä,«,Û,·□B  
§ fffXfNfgfbfv,đ'Ç%•Ä,·,é,É,İ□Aı'Ç%•Ä] f{f^f",đfNfŸfbfN,μ,Û,·□B  
§ fffXfNfgfbfv,É□Ø,è'Ö,ı,é,É,İ□AfŸfXfg,İffXfNfgfbfv,đ\_fuf<fNfŸfbfN,μ,Û,·□B

□V,μ,çffXfNfgfbfv,δ'Ç%oÁ,Ä,«,Ü,·□B

1. [ffXfNfgfbfv-¼] ftfB□[f<fh,ÉffXfNfgfbfv,í-¼'O,δ"ü—í,μ,Ü,·□B

2. [“K—p,·,é] ,Æ [οκ] ,δfNfŠfbfN,μ,Ü,·□B fffXfNfgfbfv,ª□□-,³,êfŠfXfg,É•\Ž!,³,ê,Ü,·□B



'l'δ,μ,½ffXfNfgfbfv,ì-¼'O,δ•ïX,Ä,«,Ü,·B [ffXfNfgfbfv-¼] ftB[f<fh,ì-¼'O,δ•ÒW,μA[οκ] ,δfNfŠfbfN,μ,Ü,·B

ffXfNfgfbfv,đíœ,À,«,Ü,-B

f, Fíœ,³,è,½ffXfNfgfbfv,íAfŠfXfg,©,çœ<Ž,³,è,Ü,-B

íœ,μ,½ffXfNfgfbfv,lAfvfŠ,íASù'è,lffXfNfgfbfv,É^Ú"®,μ,Ü,-B

f^fXfNfo[]ÉfAfCfRf",a'Ç%oA,³,ê[]AnView Desktop Manager fRf"fgf[][f< fpflf<,ðŠ),ç  
,½,è[]AfffXfNfgfbfv,ð[]Ø,è'Ö,!,½,è[]A<α'É,|•\Z|[]Y'è,ð•I[]X,μ,½,è,Ä,«,Ü,·[]B

Windows Explorer ,lftfHf<f\_[] fcfŠ[]l,ÉffXfNfgfbfv,ð•\Ž!,Ă,«,Ü,·[]B ftfHf<f\_[] fcfŠ[]l frf...[]l,ðŽg—  
p,·,é,Æ[]AŽŸ,l'€[]i,ðŽĂ[]s,Ă,«,Ü,·[]B  
§ fffXfNfgfbfv,ð-¼'0•ï[]X[]A[]í[]œ[]A,Ü,½,l'Ç%oÁ,·,é[]B  
§ fffXfNfgfbfvŠÔ,Ă[]Ø,è'Ö,!,½,è[]AfAvfŠ,ðffXfNfgfbfvŠÔ,Ăfhf%ofbfo,·,é[]B

□- ,³,Èfc□[f<fo□[ ,³Š],«□AffXfNfgfbfvŠÔ,Å□Ø,è'Ö,!,é,±,Æ,³,Å,«,Ü,·□B ,±,lfcc□[f<fo□[ ,ðŽg—p,·,é,É,Í□A [Explorer  
,lfEfBf“fhfE ftfHf<f\_ fcfŠ□[ ,ÉffXfNfgfbfv,ð•\Ž!,·,é] flfvfVfzf“,ð—LCEø,É,μ,Ü,·□B

□□- 't, i□V, μ, cfv□ftfB□[f<, ÉCEÅ—L, i-¼'O, ð"ü—í, μ, Ä,, ¾, ¾, ç□B

□□-‘t,ì□V,μ,çffXfNfgfbfv,ÉCEÄ—L,ì-¼‘O,ð“ü—í,μ,Ä,,¾,¾,ç□B

'l'đ,μ,½fzfbfg fL[]l,ĀĈ»[]ŸŽg—p,Ā,«,éffXfNfgfbfv,Ü,½,lfffBfXfvfĈfC (f,jjf^),lfŠfXfg,đ•\Ž!,μ,Ü,·[]B



ŽÀs, :éAfvfŠ,Æ,» ,ìèŠ,đ“ü—í,μ,Ä,,¾,³,çB [ŽQÆ] ,đNfŠfbfN, :é,ÆA,» ,ìAfvfŠ,ðEÿö,Ä,« ,Ú, .B

, ±, Ì|fvfVf#f“, ²u‘l’ð, ³, ê, Ä, ç, év, Æ, «, ÉVfXfef€ , ðfhfbfLf“fO , : , é, ÆAfvfXfef€, í‘l’ð, µ, ½fvf[]ftfB[][f<, É[]Ø, è‘Ö, í, è, Û, ·[]B  
flfvfVf#f“, ²u‘l’ð, ³, ê, Ä, ç, È, çv[]é[]#, í[]Afvf[]ftfB[][f<, í·ï[]X, ³, ê, Û, ¹, ñ[]B , ½, Æ, !, î[]A [fhfbfLf“fo fv[]ftfB[][f<]  
flfvfVf#f“, ²‘l’ð, ³, ê, Ä, ç, é, Æ, «, É [f}fC fhfbfLf“fo fv[]ftfB[][f<] , ð‘l’ð, : , é, ÆAfvfXf^f€ fhfbfLf“fO  
fv[]ftfB[][f<, É[]Ø, è‘Ö, !, ç, ê, Û, ·[]B

, ±, ì | f v f V f f f " , ð u ' l ' ð , ³ , è , Ä , ç , é v , Æ , « , É V f X f e f € , ð f t f [ f e f B f " f O , É , , é , Æ A f v f X f e f € , í ' l ' ð , µ , ½ f v f [ f t f B [ f < , É Ø , è ' Ö , í , è , Ü , · B  
f | f v f V f f f " , ð u ' l ' ð , ³ , è , Ä , ç , È , ç v [ é # , í A f v f [ f t f B [ f < , í • ï X , ³ , è , Ü , ¹ , ñ B , ½ , Æ , ! , î A [ f t f [ f e f B f " f O f v f [ f t f B [ f < ]  
f | f v f V f f f " , ð ' l ' ð , ³ , è , Ä , ç , é , Æ , « , É [ f } f C f t f [ f e f B f " f O f v f [ f t f B [ f < ] , ð ' l ' ð , , é , Æ A f f X f ^ f € f t f [ f e f B f " f O  
f v f [ f t f B [ f < , É Ø , è ' Ö , í , è , Ü , · B

,±,lfvfVf#f",³u'l'ð,³,è,Ä,ç,é,v,Æ,«,ÉVfXfef€,"«ž,Ýf,[]fh,É"ü,é,ÆAfVfXfef€  
,l'l'ð,³,è,½vf[]ftfB[]f<,É∅,è'Ö,i,è,Ü,-B

flvfVf#f",³u'l'ð,³,è,Ä,ç,È,çv[]é#,"Afvf[]ftfB[]f<,í•X,³,è,Ü,ñB ,½,Æ,i,îA[f]fC",«ž,Ývf[]ftfB[]f<] ,ð'l'ð,µ,Ä  
[",«ž,Ývf[]ftfB[]f<] ,ðf`fFbfN,µ,½é[]#A",«ž,Ýf,[]fh,É∅,è'Ö,i,é,ÆAfVfXfef€,íjXf^f€  
,l'l'ð,³,è,Ü,-B

□H□é□o%×Žž,İŠù'è□Ý'è,đŽg—p,·,é,É,Í□A[Šù'è,İfvf□ftfB□[f<] ,đ'ı'đ,μ,Ü,·□B ĆĀ□|—p,İ□Ý'è,đŽg—  
p,·,é,É,Í□A[İjıXf^f€ İfvf□ftfB□[f<] ,đ'ı'đ,μ,Ü,·□B  
İfı,□Fıhıbfıfı“fOŽž,ÉjıXf^f€□Ý'è,đŽg—p,·,é,É,Í□AıjıXf^f€,İfıhıbfıfı“fO İfvf□ftfB□[f<,đŽ—'O,É□ı□ı,μ,Ü,·□B

□H□é□o%×Žž,İŠù'è□Ý'è,ðŽg—p,·,é,É,Í□A[Šù'è,İfv□ftfB□[f<] ,ð'İ'ð,μ,Û,·□B  
ŒÂ□I—p,İ□Ý'è,ðŽg—p,·,é,É,Í□A[ffXf^f€ fvf□ftfB□[f<] ,ð'İ'ð,μ,Û,·□B  
f□f,□Fftf□□[fefBf"foŽž,ÉffXf^f€□Ý'è,ðŽg—p,·,é,É,Í□AfffXf^f€,İftf□□[fefBf"fo fvf□ftfB□[f<,ðŽ-'O,É□I□¬,μ,Û,·□B

□H□é□o%×Žž,İŠù'è□Ý'è,ðŽg—p,·,é,É,Í□A[Šù'è,İfvf□ftfB□[f<] ,ð'İ'ð,μ,Ü,·□B  
ŒÂ□I—p,İ□Ý'è,ðŽg—p,·,é,É,Í□A[fjfxf^fē fvj□ftfB□[f<] ,ð'İ'ð,μ,Ü,·□B  
f□f,□F □',«□ž,Ýf,□[fh,Åfjfxf^fē□Ý'è,ðŽg—p,·,é,É,Í□A[fjfxf^fē,İ□',«□ž,Ýfvf□ftfB□[f<,ðŽ-'O,É□i□¬,μ,Ü,·□B

, ±, ïf|fvfVfjf“, ðfNfŠfbfN, ·, é, Æ □ AfjfXf^f€ fvf□ftfB□[f<, ð □ □ ¬, Å, «, Ü, · □ B

1. fffBfXfjfCfC□Ý'è□A“dCE¹□Ý'è□AfAfvfŠ, ð, ±, ïf|fvf□ftfB□[f<, ï“ü—íŽž, É•\Ž!, ³, ¹, éŠó-], ï□#□~, Å•À, x, Ü, · □ B

2. □Ý'è, ³Š®—¹, μ, ½, ç□A, à, x^è“xf|fvfVfjf“, ðfNfŠfbfN, μ, Å □ AfjfXf^f€ fvf□ftfB□[f<, ð • Ü'¶, μ, Ü, · □ B



nView Desktop Manager ,đ“Ç,Ý□ž,Ý/“Ç.Ý□ž,Ý%ođ□œ,μ,Û,·□B ,Û,½□A<N“@Žž,É nView Desktop Manager  
,āŽ©“@“I,É<N“@,·,é,©,Ç,π,©,à□§Ēā,μ,Û,·□B

•;□"fffXfNfgfbfv□AfAfvfŠŠÇ—□□A, ",æ,Ñft□[fU□[ fCf"f^□[ftfFfCfX<@"\,ÉŠÖ,.;é nView Desktop Manager ,ì□Ú□×□Ý'è,đ  
( 'Ç%∞Áf^fu,íE`Ž®,Á) •\Ž! / "ñ•\Ž!,É,μ,Ú,;□B

Windows ,ì [%œ-É,lfvf[]pfefB[]Ý'è] fpflf<,ÉfAfNfZfX,Å,«[]A[]Ú'±[]í,ÝffBfXfvf[]efC,ìfif" /fift ([]Ú'±,Ü,½,í[]Ú'±%ø[]œ)  
,ð[]Ø,è'Ö,ì,é,±,Æ,ª,Å,«,Ü,·[]B

fffBfXfvfCEfC f,□[fh□î•ñ (%øð'œ"x,âfffBfXfvfCEfC"z'u,È,Ç)  
,lfvf□ftfB□[f<,Ö,î•Ü'¶,Æfvf□ftfB□[f<,©,ç,î•œCE³,ð□\$CEä,μ,Ü,·□B

f^fXfNfo[] ,P^êffBfXfvfCfC,ÉCEÀ'è,³,ê,é,©A•i" ,ìffBfXfvfCfC,É"n,é,©,ð\$CEä,μ,Û,·B

fj[]f{,i%°É, ,éfEjBf"fhfE,đfAfNfefBfu,É,μ□A^è"ÔŽè'O,É•\Ž!,μ,Û,·□B

fCf" fEfbf"fhfE, s"s-¼, Èê#Afhfbfvf\_fEf" fff...[, ð"s-¼, É, µ, Ü, B

f^fXfNfo[][,ð“s-¾,É,µ,Û,·□B



ufOf [fof<,Év“\$%ßfçfxf<,ð•\Ž!,μ,Ü,·B •K—v,É%ž,¶,ÄAä/%°CEü,«-í^ó,ðNfŠfbfN,μ,Ä'l,ð'²® ,μ,Ü,·B  
f, F fAfvfŠ,ì [CEÄ•ÉY'è] ,ÄACEÄX,ìfAfvfŠ,ì“\$%ßfçfxf<,ðY'è,Ä,«,Ü,·B

,±,lfvfVfjf",³—LCEø,Èèèè,É [fY[f€ fEfbf"fhfE,ð•\Ž!], ðfNfŠfbfN,;,é,ÆA%œ-Ê,lCEÁ'è-ì^æ,³fY[f€ fEfbf"fhfE,ÉŠg'â•\Ž!,³,è,Û,·□B

1. fY[f€ fEfbf"fhfE,Á [ftfCE[f€ fEfbf"fhfE], ðfNfŠfbfN,µ□A[CEÁ'èftfCE[f€] fEfbf"fhfE,ð•\Ž!,µ,Û,·□B
2. •Ê,ì%œ-Ê-ì^æ,ðŠg'â,;,é,É,ì□A[CEÁ'èftfCE[f€] fEfbf"fhfE,ð%œ-Ê,ì•Ê,ìèèŠ,É^Ú"®,µ,Û,·□B fY[f€ fEfbf"fhfE,ÉŠg'â-ì^æ,³•\Ž!,³,è,Û,·□B
3. •K-v,É%ž,¶,ÄfXfefbfv 2 ,ðCEJ,è•Ô,µ□A%œ-Ê,ì•Ê,ì-ì^æ,ðŠg'â,µ,Û,·□B

□uƒ□[ſf<,É't□S,ð□#,í,<sup>3</sup>,é□v,Ü,½,í□u□EÄ'èftf□□[f€□vfY□[f€ fEƒBƒ''fhfE fXf^fCf<,â'l'ð,<sup>3</sup>,ê,Ä,ç  
,é□é□#□AŠg'â□í.YffBƒXfƒvf□EƒC,Éƒ□[f<,â•\Ži,<sup>3</sup>,ê,Ü,•□B

fY[]f€ fEfBf“fhfE,Éfrffl,đ•\Ž!,Ā,«,Ü,·□B

f□f,□F fY[]f€ fEfBf“fhfE,đŠJ,‘O,Éfrffl,đŠJŽn,μ,É,č,Ā,,¾,³,č□B

[f] [fo] [fCfC] [Y'è] f p f j f < , a Š j , « [A] f t f < f v f C f C f o f b f N f X f s [f h , Å ' S % œ - Ê , a Ž ù , Û , é , æ , x , É f r f f f l  
f E f B j ' ' f h f E , ð Š g ' â k [ - , Å , « , Û , : B

fAfvfŠ,đĀ•ĚŠÇ—fŠfXfg f{fbfNfX,É'Ç%oÁ,μ,Ů,·B

f, F [Ā•ĚY'è] ,đY'è,μ,Ě,©,Á,½fAfvfŠ,ĪA[nView Desktop Manager ,lfvf[fpfefB]

fpf<,đ•Ā,ŋ,é,ÆfŠfXfg,©,çœ<Ž,<sup>3</sup>,é,Ů,·B

fEfBf"fhfE fNf%ofX,đCEĀ•ĒŠÇ—fŠfXfg f{fbfNfX,É'Ç%oÁ,Ā,«,Ü,·B

f□f,□F fNf%ofX,í<@"\,đ-³CEø,É,μ,È,ç□ê□#□A,±,ĭpfĭf<,đ•Ā,¶,½,Æ,«,É□AfNf%ofX,ĭfŠfXfg,©,ç□œ<Ž,³,ê,Ü,·B

fAfvfš,ü,½,ífNf%ofX,ìCEÂ•ÊŠÇ—□,Ü,½,í<@"\~³CEø%oo»,ª□s,í,ê,È,ç,æ,κ,É,Å,«,Ü,·□B



CEÁ•Ê,ì nView Desktop Manager fEjBf“fhfEŠÇ—□,ð□Ý'è,μ□AfAfvfŠ,ì□Ý'è,ð«N“® ,Ä,«,Ü,·□B

"Á'è,ífAfvfŠ,Ü,½,ífEfBf"fhfE fNf%ofX,í nView Desktop Manager <@"\,ð-³CEø,É,Á,«,Ü,·□B

.; x, Ä, ÌfEjBf"fhfE, ÌCEÂ•ÊfAfvfŠ[]Ý'è, ðfjf" /fjft, É[]Ø, è'Ö, , é, ±, Æ, ª, Å, «, Ü, ·[]B

Ā•ÉŸ`è (—ĪF,Īf`fFfbfN) ,Ü,½,í-³Āø<@”\ (Š`Q•,,Ü,½,ĪŌ,Ī x) ,Ī,Ç,Ī,ç,©,đŽĪ,ĀfAfvfŠ,ÆfEfBf“fhfE fNf%ofX,đ•\  
Ž,μ,Ü,·ĪB

ffXfNfgfbfv,ì•ÇŽt,âfAfCfRf“,ð□Ý’è,À,«,Ù,·□B

ffXfNfgfbfv,İjJfCef“fg,È•ÇŽt,âfAfCfRf“,đ•\Ž!,Â,«,Ü,·□B

ffXfNfgfbfv,Å%oEjNfŠfbfN,μ,½,Æ,«,É□AnView Desktop Manager fJfvVf+f“,đ•\Ž|,·,é,©,Ç,¤,©,đŽw'è,μ,Û,·□B

nView Desktop Manager ,@“\,ð-³Œø,É,,:é•K—v,ð, ,éé#Af^fXfNfo[,Éfof“ ffbfZ[fW,ð\Ž!,μ,Û,:B



fEjBf“fhfE,đf^fCfjf< fo[][,É□Å□¬%o>,,é,½,ß,lf{f^f”,đf^fCfjf< fo[][,É•\Ž},μ,Ü,·□B

nView Desktop Manager ,lfvfVf#f" fvfj...[.ÉfA,NfZfX,.,é,½,ß,lf{f^f",ðEfBf"fhfE,lf^fCfjf< fo[.É•\Ž!,μ,Ü,·B

nView Desktop Manager f[]ff...[][ f[]fVf#f",ðj[]Xf^f}fCfY,Å,«,Û,.[]B

□V<K,ìffXfNfgfbfv,É□Ø,è'Ö,|,é,Æ□AffXfNfgfbfv-¼,ð'ZžžŠÔ%œ-Ê,É•\Ž!,μ,Û,·□B

%œ-Ê,ð'²@,μ,ÄfL[fXfg[f“Æø%œÊ,ð•â³,Ä,«,éft[fefBfŠfefB,ð—LÆø,É,μ,Û,·B

ffXfNfgfbfv,ð%°EfnfŠbfN,μ,½,Æ,«,É□AffXfNfgfbfv,É [NVKeystone] flfvVf+f“,ð•\Ž!,μ,Û,·□B

fffBfXfjvfCEfC,ĭĀ“K%»’²ĭ@,đ%Ā“\,É,.;éefXfg fpf^ĭ[f“,đ•\  
Ž,μ,Ů,·ĭB•ĭĭ”,ĭfffBfXfjvfCEfC,đŽ©“@“ĭ,É^É’uĭ‡,ĭ,μĭAĭ¬,³,ÉfsfNfZf< fMfffbfv,đĭœ<Ž,μ,Ů,·ĭB

nView Desktop Manager ,íA'âž~Ü,½,íxž~ó'Ô,©,çĀŠJ,μ,½ĒãAfffBfXfvfĒfC,ª,Ü,¾Ü'±,³,ê,Ä,č,é,©,Ç,κ  
,©ž"@"l,Éf`ffbfN,μ,Ü,·B  
fffBfXfvfĒfC,lÜ'±,ªØ'f,³,ê,Ä,č  
,éê#AfffBfXfvfĒfCÝ'è,íAØ'f,³,ê,½fffBfXfvfĒfC,ðœ<ž,·,é,æ,κž"@"l,É•ïX,³,ê,Ü,·B



Žw'è,µ,½ffBfXfvfCEfC,ÉffXfNfgfbfv fAfCfRf",Æf^fXfNfo[][,đ^Ú"®,Å,«,Ü,-□B

nView Desktop Manager ,í□Afvfš,ì [ĈĀ•Ê□Ý'è] ([fvvfšfp□[fvf#f" ] fpjlf<,ĀfvfNfZfX%oĀ"\) ,Ü,½,í  
[fEfBf"fhfE,ĚŽ©"@"l,É□F,ðŠ,,è"-,Ā,é] flfvfVf#f",É□,Ā,Ā□AfvfBf"fhfE,lf{□f\_,É□F,ð"h,è,Ü,·□B ŽÝ,É□Afvf%o□[fL□[ fzfbfq  
fL□[,ðŽg—p,μ,Ā□Afvf%o□[fL□[ fEfBf"fhfE,ð'€□i,Ā,«,Ü,·□B

nView Desktop Manager ,íA fA f v f Š , ì Ç È Á • Ê Ñ Ý ' è , Å Ž g — p , ³ , è , Ä , ç , È , ç — L Ç Ø Ñ F , ð Ž g — p , µ , Ä Ñ A f f f X f N f g f b f v , Å Š j , © , è , Ä , ç , é f E f B f " f h f E , É j j f % º [ f L [ , ð Ž © " @ " I , É Š , , è " - , Ä , Ü , . Ñ B Ñ F , Í j j f % º [ f v [ f < , É , , é Ž g — p % º Ä \ , È Ñ F , © , ç Ž © " @ " I , É ' I ' ð , ³ , è , Ü , . Ñ B f [ f , Ñ F ' S Ñ F , ³ Ž g — p , ³ , è , Ä , ç , é [ é [ † , Í A Ñ V , µ , ç f E f B f " f h f E , É Ñ F , ð • t , ¯ , é , ± , Æ , Í , Ä , « , Ü , ¹ , ñ Ñ B

,±,ê,íjjf%o[] fL[][,íjjf%o[][,Å,·[]B jjf%o[][,đf\_fuf<fNfŠfbfN,·,é,Æ[]A—LCEø%o»[]A-³CEø%o»[]A,Û,½,í•Ò[]W,Å,<,Û,·[]B

nView Desktop Manager ,É,æ,Á,Ä“š-¾,ÈfEjBf“fhfE□Af^fXfNfo□[□A,“,æ,Ñf□ffj...□[ÉŽg—p,³,è,éfOf□□[fof,“s  
%□□βfCEfxf<□B  
fAfvfš,É“Á’è,ì“š%□□βfCEfxf<,ð□Ý’è,·,é,É,í□□AfAfvfš,ì [CEÂ•Ê□Ý’è] ,ðžg—p,μ,Û,·□B

,±,lfvfVf#f“,đufj[]f<,É‘+[]S,đ[]#,í,¹,é[]vfY[][]f€ fEfBf“fhfE fXf^fCf<,Å—LÆø,É,μ,Ä,“,è[]AfY[][]f€ fEfBf“fhfE,ª[]Å‘ã  
%»»,³,è,Ä,ç,é[]é[]#[]Afj[][]f<,ªfY[][]f€ fEfBf“fhfE,É`Ú”@,·,é,Æ[]AfY[][]f€ fEfBf“fhfE,İŽŸ,ı%»æ-È,ÈŽ©”@“ı,É`Ú”@,μ,Û,·[]B

'ŽŠá<¾fc[]f<,Ü,½,íĀ'èftfĀ[]f€ fY[]f€ fEfBf"fhfE fXf^fCf<,ì,ç,¿,ç,©,ìĕ[]#[]AfAfvfŠ,ì•W[]€,ìf}}fEfX•Ò[]W•ù-  
@,É,æ,Á,Ā[]AfAfvfŠ,Āf}}fEfX,đŽg—p,Ā,«,Ü,·[]B

ffXfNfgfbfv fXfCfbf`ff[] ,íAAlt-Tab fL[] ,ð%ÿ,•W[]€ ,ífXfCfbf`ff[] ,É'Ç%Á,³,è,Ü,·[]B  
Šù'è,Á[]A,±,ìuffXfNfgfbfv[]Ø,è'Ö,¡[]v'Ç%Á<@"\,É,íAAlt fL[] ,Æ•É,ífL[] ,ì'g[]#,í,³,ÁfAfNfZfX,Á,«,Ü,·[]B,±  
,ì'g[]#,í,³,íA[]fzfbfg fL[] [] fpfjf<,Á•í[]X,Á,«,Ü,·[]B



f□f□fN,μ,½fvf□ftfB□[f<,²“Ç,Ý□ž,Ü,é,Ü,μ,½□B f□f□fN□Ī,Ýfvf□ftfB□[f<,É•Ů'¶,³,é,Ä,ç,é□Ý'è,í•Ī□X,Ä,«,Ü,¹,ň□B  
□Ý'è,ð•Ī□X,·,é,É,Ī□A□f□f□fN,μ,Ä,ç,É,çfvf□ftfB□[f<,ð“Ç,Ý□ž,ň,Ä,,³/₄,³,ç□B

Šů'èffXfNfgfbfv,íœ<Ž,Ā,«,Ü,<sup>1</sup>,ňB ffbfN,μ,<sup>1</sup>/<sub>2</sub>vfB[f<,đ“Ç,Ýž,ň,<sup>3</sup>/<sub>4</sub>ê#;àAfffXfNfgfbfv,đœ<Ž,Ā,«,Ü,<sup>1</sup>,ňB

ffXfNfgfbfv,í 32 ĆĀ,Û,Ā,μ,©'Ç%Ā,Ā,«,Û,¹,ñB ffbfN,μ,½fvftfB[f,đ"Ç,Ýž,ñ,¼ê‡,àAffXfNfgfbfv,đ'Ç  
%Ā,Ā,«,Û,¹,ñB

,±,lf{f^f",δ%oÿ,;Æ□A□À,à^ê"Ê"l,È nView flfvfVf#f",δ□Ý'è,À,«,éfEfBfU□[fh,â<N"©,μ,Û,□BfEfBfU□[fh,δŽÀ□s,;é'O,É  
nView ,ð—LCEø,É,μ,Û,□B

• ; □ " , í f , f j f ^ , Û , ½ , í f O f Š f b f h , ð — L C E ø , É , μ , È , ç C E Á , è □ A f E f B f " f h f E , í f X f p f " < @ " \ , ð - ³ C E ø , É , Á , « , Û , ¹ , ñ □ B  
f □ b f N , μ , ½ f v f □ f t f B □ í f < , ð " Ç , Ý □ ž , ñ , ¾ □ é □ # □ A , ± , í □ Ý " è , í • í □ X , Á , « , Û , ¹ , ñ □ B

fEfBf“fhfE,lfXfpf“<@\,δ—LCEø,É,μ□A•;□”,lf,ffj^,Ü,½,lfOfŠfbfh,δ—LCEø,É,μ,È,ϕCEÀ,è□AZqfEfBf“fhfE,lfXfpf“<@\,δ-  
³CEø,É,À,«,Ü,¹,ñ□B f□fbfN,μ,½fvf□ftfB□lf<,δ“Ç,Ý□ž,ñ,¾□é□#□A,±,ì□Ý’è,í•í□X,À,«,Ü,¹,ñ□B

f^fXfNfo[],i•iX,ð—LCEø,É,.,é,É,íAf^fXfNfo[],ðí,ÉŽè'O,É•\Ž!,.,élfvfVfþf“,ðflft,É,μAf^fXfNfo[],ðf[]bfN  
%øð[]œ,μ,ÁAfhf%øfbfOŽž,ÉfEfbf“fhfE,lfRf“fef“fc,ð•\Ž!,.,élfvfVfþf“,ðflf“,É,μ[]AWindows 2000  
fXf^fCf<,lf^fXfNfo[] (Windows 2000 OS ,Ü,½,lfNf%øfVfbfN fXf^fCf<,ì Windows XP ) ,ðŽÄ[]s,μ,Ü,¹,ñ[]B

• ; □ " , í f , f j f ^ , Ü , ½ , í f O f Š f b f h , ð — L Ç ø , É , μ , È , ç Ç E Á , è □ A f \_ f C f A f □ f O , ì □ Á " z ' u , ð — L Ç ø , É , Á , « , Ü , ¹ , ñ □ B  
f □ f b f N , μ , ½ f v f □ f t f B □ í f < , ð " Ç , Ý □ ž , ñ , ¾ □ é □ # □ A , ± , ì □ Ý ' è , í • ì □ X , Á , Ü , ¹ , ñ □ B



f\_CfA fO, iÄ"z'u, ð—LCEø, É, µA• i", lf, fff^, Ü, ½, íOfŠfbfh, ð—LCEø, É, µ, È, çCEÀ, èA, ±, lfjvfVfjf", ð•iX, Ä, «, Ü, ¹, ñB  
f fbfN, µ, ½vf fB f<, ð"Ç, Ýž, ñ, ¾é#A, ±, iY'è, í•iX, Ä, «, Ü, ¹, ñB

f\_CfA fO, iÄ"z'u, ð—LCEø, É, µA• i", lf, fff^, Ü, ½, íOfŠfbfh, ð—LCEø, É, µ, È, çCEÀ, èA, ±, lfjvfVfjf", ð•iX, Ä, «, Ü, ¹, ñB  
f b fN, µ, ½vf fB f<, ð"Ç, Ýž, ñ, ¾é#A, ±, iY'è, í•iX, Ä, «, Ü, ¹, ñB

f\_CfA fO, iÄ"z'u, ð—LCEø, É, µA• i", lf, fff^, Ü, ½, íOfŠfbfh, ð—LCEø, É, µ, È, çCEÀ, èA, ±, lfjvfVfjf", ð•iX, Ä, «, Ü, ¹, ñB  
f fbfN, µ, ½vf fB f<, ð"Ç, Ýž, ñ, ¾é#A, ±, iY'è, í•iX, Ä, «, Ü, ¹, ñB

f\_fCfA\_fO, ìÄ"z'u, ð—LCEø, É, μ□A\_f\_fCfA\_fO, ðf, f\_jf^, É`Ú"©, ;, é, æ, π'δ, μ□A•i□", ìf, f\_jf^, Ü, ½, ìfO\_fS\_fbh, ð—  
LCEø, É, μ, É, çCEA, è□A, ±, ìf\_jf\_vf\_f" , ð•ì□X, Å, «, Ü, ¹, ñ□B f□f\_bfN, μ, ½f\_vf□ftfB□f<, ð"Ç, Y□ž, ñ, ¾□è□±□A, ±  
, ì□Y`è, í•ì□X, Å, «, Ü, ¹, ñ□B

fAfvfŠ,âfNf%ofX,ðce<Ž,·,é,É,íA,Ü,,»,ê,ç,đ'í'đ,,é•K—v,ª,è,Ü,·B  
f[]bfN,μ,½fvf[]ftfB[]f<,đ“Ç,Ÿž,ñ,¾é[]#[]AfAfvfŠ,âfNf%ofX,ðce<Ž,Å,«,Ü,¹,ñB

fAfvfŠ, ìĀĀ•ĒŸ'è, ð•ÒŸW, , é, É, íĀ, Ů, , fAfvfŠ, ð'í'ð, , é•K—v, ³, , è, Ů, ·ĀB fNf%ofX, ìĀĀ•ĒŸ'è, í•îĀX, Ā, «, Ů, ¹, ñ (fNf  
%ofX, Ů, ½, ìfAfvfŠ, ĀfNf%ofX) ĀB fĀfbfN, µ, ½fvfĀftfBĀfĀ, ð"Ç, ŸĀž, ñ, ¼ĀĒĀĀĀ, ±, ìŸ'è, í•îĀX, Ā, «, Ů, ¹, ñĀB

fAfvfŠ,âfNf%ofX,i<@"\,đ-³CEø,É,;é,É,Í□A,Ü,,fAfvfŠ,âfNf%ofX,đ'Í'đ,;é•K—v,<sup>a</sup>, ,è,Ü,·□B  
f□bfN,μ,½fvf□ftfB□lf<,đ"Ç,Ý□ž,ñ,¾□é□#□A,±,l□Y'è,Í•l□X,Ā,«.,Ü,<sup>1</sup>,ñ□B

fOjŠfbfh,đ•ÖW,·,é,É,íA,Ü, fOjŠfbfh,đ—LÆø,É,μ,Ü,·B ffbfN,μ,½fvjftfB[f<,đ“Ç,Ýž,ñ,¼ê#A,±  
,íY'è,í·íX,Á,«,Ü,¹,ñB



,±,lfRf“fgf□□[f<δ•ī□X,·é,É,í□A,Ü,,ffj%□□[ fL□[,δ—LCEø,É,μ,Ü,·□B f□fbfN,μ,½fvf□ftfB□[f<δ“Ç,Ý□ž,ñ,¾□é□#□A,±  
,i□Y’è,i•ī□X,Á,«,Ü,²,ñ□B

,±,lfRf“fgf□□[f<δ•ī□X,·é,É,í□A,Ü,„ff%□□[ fL□[,δ—LCEø,É,μ,Ü,·□B f□fbfN,μ,½fvf□ftfB□[f<δ“Ç,Ý□ž,ñ,¾□é□#□A,±  
,í□Y’è,í•í□X,Á,«,Ü,²,ñ□B

,±,lfRf“fgf□□[f<,đ•i□X,·,é,É,□Af})fEjX fzfC□[f<,ÅŠg’â□k□-fCEfxf< fRf“fgf□□[f<,đ—LCEø,É,μ,Ü,·□B  
f□bfN,μ,½fvf□ftfB□[f<,đ“Ç,Ý□ž,ñ,¾□é□#□A,±,i□Ý’è,i•i□X,Å,«,Ü,¹,ñ□B

,±,lfRf“fgf□□[f<,đ•i□X,·,é,É,□Af})fEjX fzfC□[f<,ÅŠg’â□k□-fCEfxf< fRf“fgf□□[f<,đ—LCEø,É,μ,Ü,·□B  
f□bfN,μ,½fvf□ftfB□[f<,đ“Ç,Ÿ□ž,ñ,¾□é□#□A,±,i□Y’è,i•i□X,Å,«,Ú,¹,ñ□B

,±,lfRf“fgf□□[f<,í□A'ŽŠá<¼fc□[f<Šg'ã□k□-f,□[fh,Ā,íŽg—p,Ā,«,Ü,¹,ň□B f□fbfN,μ,½fvf□ftfB□[f<,ď“Ç,Ý□ž,ň,¾□ê□#□A,±  
,í□Y'è,í•í□X,Ā,«,Ü,¹,ň□B

,±,lfRf“fgf□□[f<,í□A□ufj□□[f<,É‘+□S,đ□#,í,¹,é□v,ìŠg‘â□k□-f,□[fh,À,ì,YŽg—p,À,«,Ù,·□B  
f□bfN,μ,½fvf□ftfB□[f<,đ“Ç,Ý□ž,ñ,¾□é□#□A,±,ì□Y‘è,í•ì□X,À,«,Ù,¹,ñ□B

,±,lfRf“fgf□□[f<,í□A□ufj□□[f<,É‘+□S,đ□#,í,¹,é□v,íŠg‘â□k□-f,□[fh,Ā,íŽg—p,Ā,«,Ü,¹,ñ□B  
f□bfN,μ,½fvf□ftfB□[f<,đ“Ç,Ý□ž,ñ,¾□é□#□A,±,í□Y‘è,í•í□X,Ā,«,Ü,¹,ñ□B

,±,lfRf“fgf□□[f<,í□A□uj□□[f<,đ'u,ç,½fEfBf“fhfE,đŽ©“©“l,ÉfAfNfefBfu,É,:é□v<N“@,đ—LŒø,É,μ,½□ê□#,É,ì,YŽg—  
p,Á,«,Ù,□B f□bfN,μ,½fvf□ftfB□[f<,đ“Ç,Y□ž,ñ,¾□ê□#□A,±,l□Y“è,í•ï□X,Á,«,Ù,¹,ñ□B



,±,lfRf“fgf□□[f<,í□AfWfFfXf`ff,<sup>a</sup>—LCEø,È□ê□‡,É,ì,ÝŽg—p,Å,«,Ü,·□B f□fbfN,μ,½fvf□ftfB□[f<,ð“Ç,Ý□ž,ñ,¾□ê□‡□A,±  
,í□Y’è,í•í□X,Å,«,Ü,¹,ñ□B

,±,lfRf“fgf□□[f<,í□AfWfFfXf`ff,<sup>a</sup>—LCEø,È□ê□‡,É,ì,ÝŽg—p,Å,«,Ü,·□B f□bfN,μ,½fvf□ftfB□[f<,ð“Ç,Ý□ž,ñ,¾□ê□‡□A,±  
,í□Y’è,í•í□X,Å,«,Ü,¹,ñ□B

,±,lfRf“fgf□□[f<,í□Af}fEfX fXf□□[<sup>3</sup>—LÆø,È□é□#,É,ì,ÝŽg—p,Å,«,Ü,:□B f□fbfN,μ,½fvf□ftfB□[f<,đ“Ç,Ý□ž,ñ,¾□ê□#□A,±  
,í□Y’è,í•í□X,Å,«,Ü,<sup>1</sup>,ñ□B

,±,İfRf“fgf□□[f<,İ□Af}fEfX fL□[fXfg□[f“<sup>a</sup>—LCEø,È□ê□#,É,İ,ÝŽg—p,Å,«,Ü,·□B  
f□bfN,μ,½fvf□ftfB□[f<,đ“Ç,Ý□ž,ñ,¾□é□#□A,±,İ□Ý’è,İ•İ□X,Å,«,Ü,<sup>1</sup>,ñ□B

,±,lfRf“fgf□□lf<,đŽg—p,:.é,É,í□ADirectX8 ^È□~,²fCf“fXfg□lf<,³,é□A’SfffBfXfvfCEfC,Å 16bpp  
^È□ã,ÁŽA□s,μ□AfL□lfXfg□lf“²fhf%œfCfo fpbfP□lfW,ÉŠÚ,Ú,é□AWindows ME ^È□~,l OS ,đŽA□s,μ,Ú,□B  
f□fbfN,μ,½fvf□f□B□lf<,đ“Ç,Ý□ž.ñ,¾□é□#□A,±,ì□Y’è,í•İ□X,Å,«,Ú,¹,ñ□B

,±,lfRf“fgf□□[f<,í□A•i□”,lf,fff^,Žg—p,Ā,«□AfXfpf” f,□[fh,đŽÀ□s,μ,Ā,č,È,č□é□#,É,ì,Ý—LÆø,Ā,·□B  
f□bfN,μ,½fvf□ftfB□[f<,đ“Ç,Ý□ž,ñ,¾□é□#□A,±,í□Ý’è,í•í□X,Ā,«,Ú,¹,ñ□B

,±,lfRf“fgf□□[f<,í□A•i□”,lf,fff^,đŽg—p,Ā,«,é□ê□#,É,ì,Ý—LCEø,Ā,-□B f□fbfN,μ,½fvf□ftfB□[f<,đ“Ç,Ý□ž,ň,¾□ê□#□A,±  
,i□Y’è,i•i□X,Ā,«,Ù,¹,ñ□B

NVIDIA 3D fffXfNfgfbfv,ð—LCEø,É,μ,Ü,·□B ,±,ì 3D fffXfNfgfbfv,í□AWindows ,ìfffXfNfgfbfv,ð 3D  
fT□[ftfFfCfX,Á'uŠ·,μ,Ä□AfEfBf“fhfE,lfXfLj“,Æ 3D CEø%øÉ,ð%øÁ“\,É,μ,Ü,·□B 3D fffXfNfgfbfv,ðŽg—p,·,é,É,í□ADirectX8  
^É□~,ªfCf“fXfg□[f<,ª,é□AWindows XP ,ªŽÄ□s,ª,é□AGeForce4 4200 ^É□ã,lfNf%øfX fj□[fh,ªŽÄ□s,ª,é,Ä,ç  
,É,·,é,í,É,è,Ü,ª,ñ□B



NVIDIA 3D ffxNfgfbfv ftj@fCf<,øfAf“fCf“fXfg□[f<,μ,Ü,·□B

ffXfNfgfbfv fv[]pfeB f[]fj...[][,É[]A<sup>3D</sup> ffXfNfgfbfv fRf"fgf[]f<,đ'Ç%Á,μ,Û,-[]B

ffXfNfgfbfv,ifjXfg fvffZfX,ðfj",É,µ,Ü,·B ,±,ê,É,æ,èA,í,,©,ËpftfH[f}f"X fRfXfg,Å,"x,ËEø%È,ðŽg—  
p,Å,<,Ü,·B

Ž-‘O’è` ĭ,Ÿ 3D ffXfNfgfbfv fe[]f},đ“Ç,Ÿ[]ž,Ÿ,Ü,·[]B ,±,ê,É,æ,è[]A,í,,©,ÈfpftfH[]f}f“fX fRfXfg,Å[],“x,ÈĈø%œ,đŽg—  
p,Å,«,Ü,·[]B

3D fffXfNfgfbfv[]Ý'è,ðvfCEfrf...[][,Å,«,Û,-[]B

3D fffXfNfgfbfv fe[]f},É, ,éf}fEfXCEø%øÊ,ð—LCEø/-³CEø,É,μ,Û,·□B

3D fffXfNfgfbfv fe[]f},É, ,éfAjjf[][]Vf+f“CEø%oÊ,ð—LCEø/-<sup>3</sup>CEø,É,μ,Û,·[]B

3D fffXfNfgfbfv fe[]f},É, .éfEjBf“fhfE fVfF[]ffBf“fOCEø%øÈ,ð—LCEø/-³CEø,É,μ,Û, □B



3D jffXfNfgfbfv fe[]f},É, .éfEjBf“fhfE[]Æ-¾Æø%oÊ,ð—LÆø/-¾Æø,É,μ,Û,·[]B

3D fffXfNfgfbfv fe[]f},É, .éfEjBf“fhfE fXfLf“,ì‘‘ð,ð—LCEø/-³CEø,É,μ,Û,·□B

fe[f], ìòì¬, â•Ú'¶, È, ÇA<sub>3D</sub> fffXfNfgfbfvòÝ'è, ìÚ×fRf"fgf[f<, ð%Å"\, É, , éj\_CfAfO f{fbfNfX, ðŠ}, «, Ü, ·B

,±,lfRf“fgf□□[f<,ÉfAjNfZfX,·,é,É,í□A3D fffXfNfgfbfv,ð—LCEø,É,μ,Ü,·□B f□fbfN,μ,½fvf□ftfB□[f<,ð“Ç,Ý□ž,ñ,¾□ê□#□A,±  
,i□Y’è,i•i□X,Á,«,Ü,¹,ñ□B

,±,lfRf“fgf□□[f<,ÉfAfNfZfX,·,é,É,í□A3D fffXfNfgfbfv,ð—LCEø,É,μ,Ü,·□B f□fbfN,μ,½fvf□ftfB□[f<,ð“Ç,Ý□ž,ñ,¾□ê□#□A,±  
,i□Y’è,i•i□X,Á,«,Ü,¹,ñ□B

,±,lfRf“fgf□□[f<,ÉfAjNfZfX,·,é,É,í□A3D fffXfNfgfbfv,ð—LCEø,É,μ,Ü,·□B f□fbfN,μ,½fvf□ftfB□[f<,ð“Ç,Ý□ž,ñ,¾□ê□#□A,±  
,i□Y’è,i•i□X,Á,«,Ü,¹,ñ□B

,±,lfRf“fgf□□[f<,ÉfAjNfZfX,·,é,É,í□A3D fffXfNfgfbfv,ð—LCEø,É,μ,Ü,·□B f□fbfN,μ,½fvf□ftfB□[f<,ð“Ç,Ý□ž,ñ,¾□ê□#□A,±  
,i□Y’è,i•i□X,Á,«,Ü,¹,ñ□B

,±,lfRf“fgf□□[f<,ÉfAfNfZfX,·,é,É,í□A3D fffXfNfgfbfv,ð—LCEø,É,μ,Ü,·□B f□fbfN,μ,½fvf□ftfB□[f<,ð“Ç,Ý□ž,ñ,¾□ê□#□A,±  
,i□Y’è,i•i□X,Á,«,Ü,¹,ñ□B



,±,lfRf“fgf□□[f<,ÉfAjNfZfX,·,é,É,í□A3D fffXfNfgfbfv,ð—LCEø,É,μ,Ü,·□B f□fbfN,μ,½fvf□ftfB□[f<,ð“Ç,Ý□ž,ñ,¾□ê□#□A,±  
,i□Y’è,i•i□X,Á,«,Ü,¹,ñ□B

,±,lfRf“fgf□□[f<,ÉfAjNfZfX,·,é,É,í□A3D fffXfNfgfbfv,ð—LCEø,É,μ,Ü,·□B f□fbfN,μ,½fvf□ftfB□[f<,ð“Ç,Ý□ž,ñ,¾□ê□#□A,±  
,i□Y’è,i•i□X,Á,«,Ü,¹,ñ□B

,±,lfRf“fgf□□[f<,ÉfAjNfZfX,·,é,É,í□A3D fffXfNfgfbfv,ð—LCEø,É,μ,Ü,·□B f□fbfN,μ,½fvf□ftfB□[f<,ð“Ç,Ý□ž,ñ,¾□ê□#□A,±  
,i□Y’è,i•i□X,Á,«,Ü,¹,ñ□B

,±,lfRf“fgf□□[f<,ÉfAjNfZfX,·,é,É,í□A3D fffXfNfgfbfv,ð—LCEø,É,μ,Ü,·□B f□fbfN,μ,½fvf□ftfB□[f<,ð“Ç,Ý□ž,ñ,¾□ê□#□A,±  
,i□Y’è,i•i□X,Á,«,Ü,¹,ñ□B

,±,lfRf“fgf□□[f<,ÉfAjNfZfX,·,é,É,í□A3D fffXfNfgfbfv,ð—LCEø,É,μ,Ü,·□B f□fbfN,μ,½fvf□ftfB□[f<,ð“Ç,Ý□ž,ñ,¾□ê□#□A,±  
,i□Y’è,i•i□X,Á,«,Ü,¹,ñ□B

,±,lfRf“fgf□□[f<,ÉfAjNfZfX,·,é,É,í□A3D fffXfNfgfbfv,ð—LCEø,É,μ,Ü,·□B f□fbfN,μ,½fvf□ftfB□[f<,ð“Ç,Ý□ž,ñ,¾□ê□#□A,±  
,i□Y’è,i•i□X,Á,«,Ü,¹,ñ□B

fEfBf“fhfE,ð%æ-Ê,l[,ÉfXf□□[ (fEfBf“fhfE,ðfhf%ofbfO,μ,È,ª,çf}fEfX,ð•ú,·) ,Ä,«,Û,·□B

f}fEfX,ð—h,Á,½,Æ,«,ì“®[]ì,ð'è<`,Á,«,Ü,·[]B



f}fEfX,ð%~CE`É“©,©,μ,½,Æ,«,}“®□i,ð'è<` ,Å,«,Ü,·□B

f,fff^ŠŌ,ì^Ú" © Žž,Éj□[f<,āfffbfh fXfNfŠ□[f"—ì^æ,ðfWfff"fv, : ,é,æ,π,É,μ,Ü, :□B

f}fEjX,ì't%o>f{f^f",ÄfEjBf"fhfE,ì z f[]f\_[][,ð•ï[]X,Ä,«,Ü,·[]B

f}fEfX,đfWfFfXf`ff,Å“® ,© ,·□Ů,ÉfVftfg fL□[,đ%Ÿ,·±,Æ,đ•K—v,Æ,μ,Ů,·□B

ffl[ſf<,i%°º,lfEfbf“fhfE,ÅfwfFxf`ff`€i,đŽÀs,µ,Ü,· (’ÉiA’€i,ífAfNfefBfu,Èfbf“fhfE,ÅŽÀs,³,è,Ü,·) B

f}fEfX,lfXf[]Š´“x,đ’²[]®,μ,Ü,·[]B Š´“x,đ[],,ß,é,É,í[]AfXf%ofCf\_[][,đ%oE,É“®,©,μ,Ä,,¾,³,ç[]B

f}fEfX,ìfWfFfXf`ffŠ`“x,ð²□@,μ,Ü,-□B Š`“x,ð□,,ß,é,É,í□AfXf%ofCf\_□[,ð%oE,É“® ,©,μ,Ä,,¾,³,¢□B

,±,ìÿ'è,ÉfAfnfzfx,·,é,É,íAfwffxf`ff,ð—LCEø,É,μ,Û,·B ffbfn,μ,½fvjftfB[f<,ð“Ç,Ýž,ñ,¼ê#A,±  
,ìÿ'è,í·ìX,Å,«,Û,¹,ñB



fAfvfŠ,ÆfNf%ofX fEfBf“fhfE,ªŠj,ç,Ä,ç,é,Æ,«,É,»,ìf{[f\_øftf%ofbfVf...ª¹,é,æ,æ[Af]}[fN,ð•t,¯,é,±,Æ,ª,Ä,«,Ü,-□B

nView fAfvfŠ—pŠg'£<@"\,đ•iX,Ā,«,Ů,·B

,±,ìÿ'è,ìAfvfš,ÆfNf%ofX,ìfyfA,É,ì,Ý“K—p,Å,«,Ü,·B ffbfN,μ,½fvfB[f<,ð“Ç,Ýž,ñ,¼ê#A,±  
,ìÿ'è,í•ìX,Å,«,Ü,ñB

,±,lfvfVfjf“,đŽg—p,;é,ÆAŠeffXfNfgfbfv,É^Ù,È,é%øđ'œ“x,đY'è,Å,«,Û,·B  
%øđ'œ“x,l•iX,É,íŽžŠÔ,â,©,©,èAfffXfNfgfbfv,ì∅,è'Ö,l'¬“x,É%øe<¿,â<y,Ô,±,Æ,É'∩^Ó,μ,Ä,,¾,³,çB

,±,İfİvfVfİf“,đŽg—p,;é,Æ□AŠj,č,Ä,č,éffXfNfgfbfv,É,İ,Ý□AfRf}f“fh fv□f“fvfg fEfBf“fhfE,đ•\Ž!,Ä,«,Ü,·  
(Šù`è,Ä,İ`SffXfNfgfbfv,ÄŠj,) □B

• ; " f f X f N f g f b f v , É Š Ö , : , é ^ è " Ê " I , È f j f v f v f f f " , ð • ĩ X , Å , « , Ü , : B

'SffXfNfgfbfv,ðjffCEf“fg,l%øð'œ“x,ÉfŠfZfbfg,μ,Ü,-□B

<□\$“l,É’SffXfNfgfbfv,ÅjffĈf“fg,ì•ÇŽt,đŽg—p,<sup>3</sup>,<sup>1</sup>,Ü,·□B ,±,ê,É,æ,èffXfNfgfbfv,ì□Ø,è‘Ö,l’—“x,<sup>a</sup>Ĉü□ã,μ,Ü,·□B



nView "\$%ß<@"\,đŽg—p,·,é,É,íAWindows 2000 ^È~·,ª•K—v,Å,·B ffbfN,μ,½vfjftfB[f<,đ"Ç,Ýž,ň,¾é#A,±  
,íY'è,í·íX,Å,«,Ü,ñB

fvf□ftfB□[f,δ•Û'¶,,é,É,í]AŞÇ—□ŽÒCE ĆĀ,ª•K—v,Ā,·□B

nView fc[f:fo[.đŽg—p,:.é,ÆAfvf[ftfB[f<A'€iA,,"æ,ÑffXfNfgfbfv,đfhfbfLf“fO%oÂ“\fc[f<fo[.É”z'u,Ā,«Af{f^f”,đ  
1 %oñfNfŠfbfN,:.é,¼, ,ĀfAfNfZfX,Ā,«,Ů,.B

nView fOfŠfbfh,đŽg—p,,é,Æ□AŠef,fff^,ĀfOfŠfbfh,đ'è` ,Ā,«□Af\_CfAf□fO,ì□Ā”z’u□AfEfBf”fhfE,ĭfXfpf”□A□Ā’â%»‘€□i—  
p,ĭfTfuf,fff^,Æ,μ,ĀŽg—p,Ā,«,Ů,□B

f,ff^,lf}fEfX fXf[][,ĂŽg—p,,:éfOfŠfbfh,ÆfAf“fj[][ flfCf“fg,đ•Ò[]W,Ă,«,Ü,:[]B

nView fc[]f:fo[][,đŽg—p,:.é.É,í[]AWindows 2000 ^È[]~;ª•K—v,Á,:[]B  
,Ü,½[]Af[]fbfN,µ,½vf[]ftfB[]f<,đ“Ç,Ý[]ž,ň,¾[]é[]#[]A,±,l[]Y'è,í•l[]X,Á,«,Ü,¹,ñ[]B

nView fOfŠfbfh,đŽg—p,,é,É,íAWindows 2000 ^È~,,•K—v,Ā,-□B  
,Ü,½□Af□fbfN,μ,½vf□ftfB□f<,đ“Ç,Ý□ž,ň,¾□é□#□A,±,ì□Ýè,í•ï□X,Ā,«,Ü,¹,ñ□B

fAfvfŠ,đŠù'è,Ā,Ç,lf,ffj^,ĀŠj,,©,đŸ'è,Ā,«,Ů,·□B □u□ĀCEă,lf,ffj^□v,Æ,í□AfAfvfŠ,đ•Ā,¶,½f,ffj^,Ā,·□B  
□uŠjŽnf,ffj^□v,Æ,í□A [fXf^□[fg] f{f^f",đŠŮ,pf,ffj^,Ā,·□B [□ĀCEă] ,đ'l'đ,μ,½é□#□AfAfvfŠ,đŠj,,Æ□AfAfvfŠ,ì□ó'ô  
(NVMax ,Ů,½,í□Ā□-‰»□ó'ô,Ē,Ç) ,à•œCE³,³,ê,Ů,·□B



fEfBf“fhfE,afifxfXfNfS[f“,ÅŠ),©,È,ç,æ,π,É,μ,Û,·□B

f\_CfAfO f{fbfNfX,df^[]fQfbfg f,jjf^,i'+%o>,É<[]\$"l,É"z'u,μ,Û,·[]B

• ; □ " , í f , f j f ^ , Ü , ½ , í f O f Š f b f h , ð — L C E ø , É , μ , È , ç C E A , è □ A , ± , í f í f v f V f f f " , ð — L C E ø , É , Å , « , Ü , ¹ , ñ □ B  
f □ f b f N , μ , ½ f v f □ f t f B □ í f < , ð " Ç , Ý □ ž , ñ , ¾ □ é □ # □ A , ± , í □ Ý ' è , í • í □ X , Å , « , Ü , ¹ , ñ □ B

• ; □ " , í f , f j f ^ , Ü , ½ , í f O f Š f b f h , ð — L C E ø , É , μ , È , ç C E A , è □ A , ± , í f í f v f V f f f " , ð — L C E ø , É , Å , « , Ü , ¹ , ñ □ B  
f □ f b f N , μ , ½ f v f □ f t f B □ í f < , ð " Ç , Ý □ ž , ñ , ¾ □ é □ # □ A , ± , í □ Ý ' è , í • í □ X , Å , « , Ü , ¹ , ñ □ B

-¾,é,³Afrf"fgf%ofXfgAfkf"f}lA, ",æ,ÑfCf[]fW,i'N%oS%o»,È,Ç,ìfffXfNfgfbfv,ìjff%o[]

Direct3D 11.0

OpenGL , ,æ,Ñ Direct 3D ,jpfth[f}f“fX,ÆfNfHfŠfefB,ÉŠÖ,;éY'è

fhf%oCfoAflXfgfA,æ,NfGfbfW fufCefffBffo ftlfUfY'è



ftf< jXfNfŠ[]f“ frfffl,“,æ.Ñfn[]fhfEjFfA frfffl fl[]fo[]fCefC,É“K—p,³,ê,é[]Ý’è

OpenGL 4.0-ը

fjvfjB[f<,l"Ç,Ýž,Ý/•Ù'¶,ÉŠÖ,·,éÚ×fjvfVf¶",đ•\Ž!/"ň•\Ž!,É,μ,Û,·B

ffXfNfgfbfv,ÅŠ],ç,Ä,ç,éAfvfŠ,|□ó'Ô,ð•Û'¶|/•œCE³,μ,Û,·□B

nView fffXfNfgfbfvŠÇ—□□Ÿ'è,ð•Ů'¶//•œĈ³,μ,Ů,·□B

ffBfXfvfCEfC f,[]fh,δ•Û'¶/•œCE³,μ,Û,-□B

f, □fh□î•ñ,²¹'ð,³,ê,Ä,ç,é□ê□#,Éf^fXfNfo□[,î^É'u,ð•Ú'¶/•œœ³,μ,Û,-□B

f, □[fh□î•ñ,²¹'ð,³,ê,Ä,ç,é□ê□#,É“dCE'fvj□ftfB□[f<,ð•Û'¶/•œCE³,μ,Û,-□B



fAfvfŠ, ìó'Ôff[f^, afvf[ftfB[f<, É•Ú'¶,³,ê,Ä,ç,éèè+Afvf[ftfB[f<, É•Ú'¶,³,ê,Ä,ç,éfAfvfŠ,ð^è—•\Ž!,μ,Ü,-□B

'l'đ,μ,½fvf□ftfB□[f<,đ“Ç,Ý□ž,Ý□A□Ú□×fy□[fW,Ā'l'đ,μ,½□Ý'è,đ“K—p,μ,Ů,·□B

'l'δ,μ,½fvf□ftfB□[f<,δ□A□Ú□×fy□[fW,Ã'l'δ,μ,½□Ÿ'è,Æ,Æ,à,É•Ù'¶,μ,Ü,·□B

€ü,ðfLfff“fZf<,µ,Ü,:□B

,±,ê,íAfvf[]ftfB[]f<,ðà-¾,·,éfefLfxfg,Å,·Bfvf[]ftfB[]f<,ìà-¾,íAfvf[]ftfB[]f<,ð·Ù'¶/[]ì-,·,é[]Ù,É·ì[]X,Å,«,Ü,·[]B

