



# BatchFile Enhancer for Windows

## **WinBatchEh fwf<fv-ÚŽŸ**

**,Í,Ń,ß,É**

WinBatchEh,ìŽg,ç•û

WinBatchEh,ìkN“®fìfvfVf‡f“

**WinBatchEh,ìf[]fj...[]["à—e**

[ftf@fCf<ìf[]fj...[]

[fXf^[]fg]

[fXfgfbfv]

**WinBatchEh,Â“®,©,·fofbf`fRf}f“fh**

WinBatchEh,ìfRf}f“fh%ođ[]à,ì“Ç,Ÿ•û

WinBatchEh,ìfRf}f“fh^ê—

WinBatchEh,ìŽd—l[]EŽg—p[]ã,ì'[]^Ó

**WinBatchEh,É,Â,ç,Ä**

WinBatchEh,đfpf[][]fAfbfv,·,éf\ftfg

'~[]\çE []E“][]Ú[]đçE[]E~A—[]æ

fVfFfAfEfFfA,É,Â,ç,Ä

WinBatchEh FAQ(—Ç,, ,éŽ; -â,Æ%oñ“š[]W)

## WinBatchEh, ĺŽg, ċ•û

### fobf`ftf@fCf<, ĺf ĺ[fvf“

WINBATCHEXE/WINBAT32.EXE ,đfpf%of ĺf ĺ[f^ ĺ[ ,È,µ,Å<N“ ® , ,é,Æfobf`“à—e•\  
Ž!fEfBf“fhfE,ªCE»,ê,Û,·B ĺuftf@fCf< ĺvf ĺfj...  
ĺ[ , ĺuf ĺ[ fvf“ ĺv, Åfobf`ftf@fCf<, đf ĺ[ fvf“, µ, Å, -  
, ¾, ¾, ċ ĺBftf@fCf<f} f ĺ[ fWff, È, Ç, ©, ċfhf ĺfbfv, µ, Å, à OK , Å, ·B

f ĺ[ fvf“ CEã, ĺufXf^ ĺ[fg ĺv, Åfobf` ,afXf^ ĺ[fg, µ, Û, ·B ĺufXf^ ĺ[fg ĺv, đ ĺs, È, x, Æ ĺ€-  
Û,ª ĺufXfgfbfv ĺv, È•ĺ, ĺ, è, Û, ·, ĺ, Å ĺA“ ® ĺ' t, ĺfobf` , đŽ~ , ß, ½, ċ ĺê ĺ, ĺufXfgfbfv ĺv, đ  
%oY, µ, Å, , ¾, ¾, ċ ĺB, ĺ, È, Y, È, ±, ĺfXfCfbf` , ĺ ĺã, ĺfVfXfef€f ĺfj... ĺ[ (fRf“fg ĺ[ f<f ĺfj...  
ĺ[ )“à, È, à, , è, Û, ·B

fobf`ftf@fCf<, ĺŠg'£Žq, ĺ•È, È%o½, Å, à ĺ\, ċ, Û, ¹, ñ,ª ĺABTW(BaTch file for Win)  
, à ĺA• ĺ'È, È, Ç,ª-³“i, Å, ĺ, È, ċ, ©, ÆŽv, ċ, Û, ·Bf ĺ[ fvf“f ĺfj... ĺ[ , Å ĺA%o, È, Å, Å, -  
, é, ĺ, à, ±, ĺ 2 , Å, ĺŠg'£Žq, ĺftf@fCf<, Å, ·B

### fGfffBf^, ĺY'è, Æ<N“ ®

fobf`ftf@fCf<, ĺ•ĺX, ĺ WinBatchEh  
, Å, ĺs, È, ĺ, Û, ¹, ñ, ĺ, Å•ĺX, đ ĺs, È, x ĺê ĺ, ĺuftf@fCf< ĺvf ĺfj... ĺ[ , ĺfGfffBf^<N“ ®, Û, ½, ĺ  
SHIFT+[Enter] , ÅfGfffBf^, đ<N“ ®, ¾, ¾, Å•ĺX, µ, Å, , ¾, ¾, ċ ĺB

fGfffBf^-¼, ĺ%oSú'ĺ, ĺ NOTEPAD.EXE , È, È, Å, Å, ċ  
, Û, ·, ĺ, Å ĺA•ĺX, ·, é ĺê ĺ, ĺuftf@fCf< ĺv, ĺY'è ĺf ĺfj... ĺ[ , đ'ĺ, µ, Å, -  
, ¾, ¾, ċ ĺBfGfffBf^, Åftf@fCf<, đ ĺX ĺV, µ, ½ ĺê ĺ, ĺfobf`ftf@fCf<, ĺŽ ©“ ® ĺA“Ç, Y ĺž, Y, ĺ  
—L-³, È, Ç, ĺY'è, à, ±, ĺf ĺfj... ĺ[ “à, Å ĺs, È, ċ, Û, ·B

### fobf`ftf@fCf<, đŽÀ ĺs, µ, ½ CEã

fobf` , đŽÀ ĺs' t, ĺfobf` ŽÀ ĺsfEfBf“fhfE (DOS , ĺ%oæ-È, Y, ½, ċ, È, à, ĺ, Å, ·)  
,ªCE», ê, Û, ·B ĺ'È, ĺfobf` , đ“ ®, ©, µ, ½ ĺê ĺ, ĺ, ±, ±, Èf ĺfbfZ ĺ[ fW, È, Ç,ª•\Žĺ, ¾, ê, éŽ-  
, È, È, è, Û, ·B, ±, ĺfobf` ŽÀ ĺsfEfBf“fhfE,ªžx-, È ĺê ĺ, ĺ EXECUTEWND OFF , Å ĺA•\  
Žĺ,ª ĺs, È, ĺ, è, È, È, è, Û, ·B (fobf` , ĺæ“ª, Å “@EXECUTEWND OFF”  
, đŽÀ ĺs, ·, è, ĺfEfBf“fhfE, ĺ'S, •\Žĺ, ¾, ê, Û, ¹, ñ) ĺB

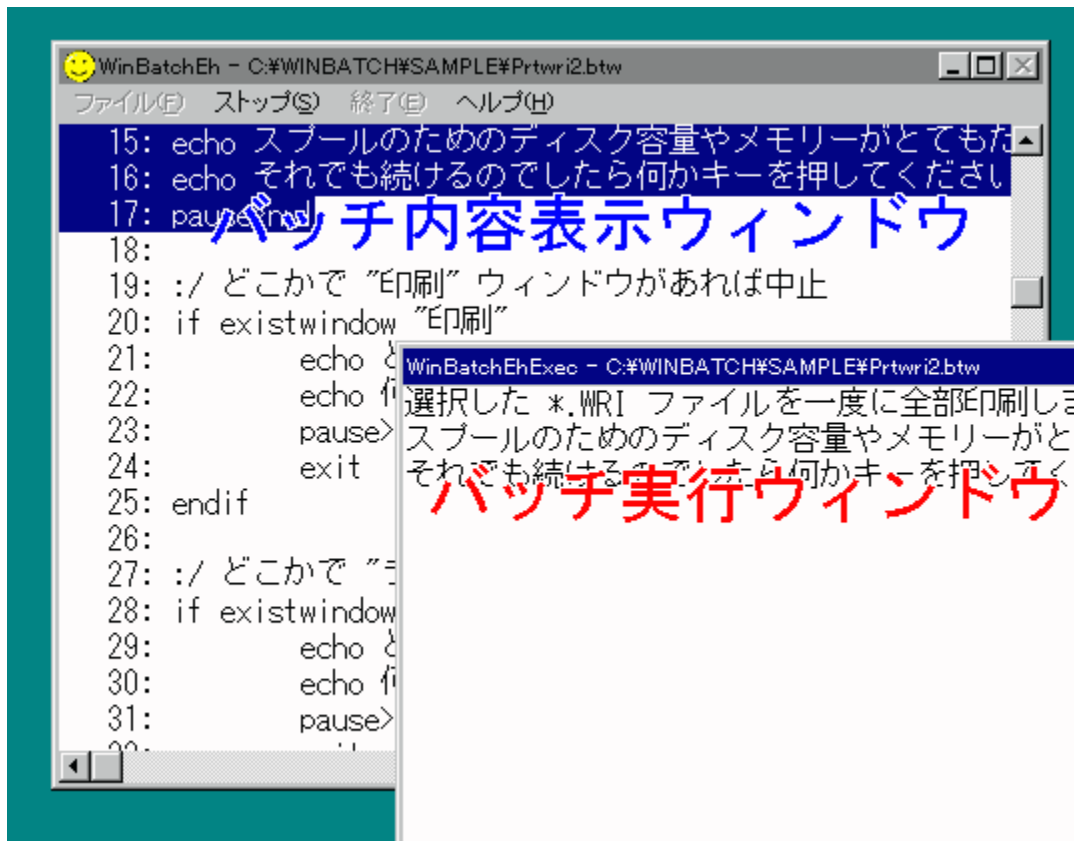
, Û, ½ ĺAfobf`“à—e•\Ž!fEfBf“fhfE, ĺCE» ĺYŽÀ ĺs' t, ĺfobf` , ĺs, È, , ĺ, ¹, ÅfXfNf ĺ[ f<,ª ĺs,  
È, ĺ, è ĺA, Ç, ĺs,ªŽÀ ĺs, ¾, ê, Å, ċ, é, ©Šm“F, đ ĺs, È, x, ±, Æ,ª, Å, «, Û, ·B, ±  
, ĺfEfBf“fhfE,ªžx-, È ĺê ĺ, ĺ BATCHWND OFF  
, ÅfAfCfRf“ ĺó'Ó, È, È, è, Û, ·BŽn, ß, ©, ċfAfCfRf“, È, µ, Å, ”, , ĺ, È, ċfvf ĺfOf  
%of€f} f ĺ[ fWff, È, Ç, ĺ“o~^ , àfAfCfRf“ ĺó'Ó, Å<N“ ® , , é, æ, x, È ĺY'è, µ, Å, ”, ċ, Å, -  
, ¾, ¾, ċ ĺB

### WINBATCHEXE/WINBAT32.EXE, ©, ċfobf` , đ'¼ ĺÚ<N“ ®

WINBATCHEXE/WINBAT32.EXE , đfvf ĺfOf%of€f} f ĺ[ fWff, È, Ç, È“o~^ , µ ĺA, ¾, ċ, Èfpf  
%of ĺ[ f^ , Æ, µ, Åfobf`ftf@fCf<-  
¼, đŽw'è, ·, è, ĺ ĺA, » , ĺfobf`ftf@fCf<, ĺŽÀ ĺs,ª, ·, ®, ÈŽn, Û, è ĺAfobf`ftf@fCf<,ª ĺĺ, ĺ, è, ĺ

AWinBatchEh ,à□I—<sup>1</sup>,μ,Ü,·□B

□uf□[fvf“□vf□fjf...□[ , ©, çfofbf` ,đ“Ç, Ý□ž, ñ, Å□ufXf^□[fg□v, μ, ½□ê□#, Ífofbf` □I—  
<sup>1</sup>Žž, Éf□fbfZ□[fW, <sup>a</sup>•\Ž!, <sup>3</sup>, êfL□[“ü—Í‘Ò, ¿, Æ, È, è, Ü, ·, <sup>a</sup>□Afpf  
%of□□[f^□[ , đ•t, ¯, Äfofbf` , đ'¼□ÚŽÀ□s, μ, ½□ê□#□A, ±, Íf□fbfZ□[fW, à□o, È, -  
, È, è, Ü, ·□B



## WinBatchEh,ì<N“®f|fvfVf#f“

**f ofbf` ,đ'¼□Ú<N“®**

WINBATCH.EXE/WINBAT32.EXE ,đfvf□fOf%of€f}f|□[fWff,È,Ç,É“o~^,μ□A,³,ç,Éfpf  
%of□□[f^,Æ,μ,Äf ofbf`ftf@fCf<-  
¼,đŽw'è,.,ê,î□A,» ,ìf ofbf`ftf@fCf<,ìŽÀ□s,ª,.,®,ÉŽn,Ü,è□A f ofbf`ftf@fCf<,ª□I,í,ê,î□  
AWinBatchEh ,à□I—¹,μ,Ü,·□B

**—á**

WINBATCH.EXE FILENAME.BTW ^ø□"1 ^ø□"2 ...

WINBAT32.EXE FILENAME.BTW ^ø□"1 ^ø□"2 ...

## WinBatchEh, iŽd—l

**^μ, l, éfofbf`ftf@fCf<**

^μ, l, éfofbf`ftf@fCf<, l[Aftf@fCf<, l'á, <, ³, ÍŠÖŒW, , è, Ü, ¹, ñ, º[A]A'á 8192  
□s, Á, ·□B, Ü, ½□A1 □s, l□Á'á•¶Žš□, l 512 •¶Žš, Á, ·□B

**^μ, l, éftf@fCf<-¼**

16frfbfgfo□[fWf#f" , Á, l'·, çftf@fCf<-¼, lftf|□[fg, μ, Ä, ç  
, Ü, ¹, ñ, º[A32frfbfgfo□[fWf#f" , Á, l'·, çftf@fCf<-¼, à^μ, l, Ü, ·( <ó"" , ðŠÜ, pftf@fCf<-¼, à  
" " , Á^l, ¢Ž-, É, æ, èŽw'è, Á, <, Ü, ·)□B

**ŠÁ<<•i□", l—l^æ**

ŠÁ<<•i□", l—l^æ, l16frfbfgfo□[fWf#f" , Á, lŽ©'O, l—l^æ, ð—p^Ó, μ□A—e—Ê"l, É, l—ñ  
64KB 'ö"xŽg—p, Á, <, Ü, ·□B32frfbfgfo□[fWf#f" , Á, lfvfxfef€, Á—p^Ó, ³, è, ½—

l^æ, ðŽg—p, μ□A—e—Ê"l, É, l—ñ 16KB 'ö"x, lŽg—p, Á, <, é, ©, ÆŽv, ç, Ü, ·□B  
, Ü, ½□A1 , Á, lŠÁ<<•i□", l'·, ³, l'·i□"-¼, Æ•¶Žš—ñ, ð□#, l, ¹, Á 500 •¶Žš'ö"x, Ü, ÁŽg—  
p, Á, <, Ü, ·□B

16frfbfgfo□[fWf#f" , Á, lŽqvf□[ZfX, Æ, μ, Ä<N" ®, μ, ½ŽÄ□sftf@fCf<, Ö, lŠÁ<<•i□", lŽó,  
~"n, μ, l□s, È, l, è, Ü, ¹, ñ(WinBatchEh, ð<N" ®, μ, ½, Æ, <, lŠÁ<<•i□", º"n, ³, è, Ü, ·)□B32frfb  
fgfo□[fWf#f" , Á, lŒ»□ÝŽÄ□s't, lfofbf` , lŠÁ<<•i□", l"à—e, º^ø, <Œp, º, è, Ü, ·□B

**fofbf`□ã, Á<N" ®, ·, éŽÄ□sftf@fCf<, É, Á, ç, Ä**

DOS —p, lftfg, É, Á, ç, Ä, lŽÄ□s, Á, <, é, à, l, Æ, Á, <, È, ç, à, l, º, , è, Ü, ·□B(ŽÄ□s, Á, <, È, -  
, Á, à□l—¹, ð'Ó, Á□ê□#, º, , è, Ü, ·, l, Á□A, »), l□ê□#□ufXfgfbfv□v, Á□l, l, ç, ¹, Á, ¾, ¾, ç)□B

, Ü, ½□AWindows —pf

ftfg, Á, à□A^ê"x, μ, ©<N" ®, μ, È, çfAfvfŠfP□[fvf#f" , ð, ·, Á, É<N" ®, μ, Ä, ç  
, éó'Ó, Á□A, ³, ç, É EXEC , àŽÄ□sftf@fCf<, l, Ý, Á<N" ®, ³, ¹, é, Æ□Afofbf` , É-ß, Á, Ä, ±, È, ç  
, ±, Æ, à, ·, ®, Éfofbf` , É-ß, Á, Ä, , é□ê□#, º, , è, Ü, ·□B

ŽÄ□sftf@fCf<-¼, ÉfpfX-¼, ðŠÜ, ß, È, ç□ê□#, lffjŒf"fg, WINDOWS, Windows, l

SYSTEM, WinBatchEh <N" ®ŽŽ, É□Ý'è, ³, è, Á, ç, ½ŠÁ<<•i□" PATH  
, lfffBfŒfNfgfŠ(16frfbfgfo□[fWf#f" , Á, l WinBatchEh "à, Á□Ý'è, μ, ½ PATH  
, lŽQ□Æ, μ, Ü, ¹, ñ), ðŒÝ□ð, É□s, <, Ü, ·□B

ŽÄ□sftf@fCf<-¼, Éfofbf`ftf@fCf<, ð—^ , l, é, Æ□AWinBatchEh , ºŒ»□Ý□^—□, μ, Ä, ç  
, éfofbf` , ð□l—¹, μ, Á□A, »), lfofbf`ftf@fCf<, É□ŒŒä, ð^Ú, μ, Ü, ·□B, È, "□ACALL •¶, ðŽg—  
p, ·, é, l□Œ³, lfofbf` , É-ß, Á, Ä, <, Ü, ·□B

EXEC , àŽÄ□sftf@fCf<, l, Ý, Áfvf□fOf%of€, ð<N" ®, μ, Ä, ç

, éŠÖ, l□Afn□[fhfEfFfA, É, æ, Á, Ä, l□A□È"d—  
lf, □[fh, É^Ú□s, ·, éfpf□□[f}fl□[fWf#f"fg<@"\, È, Ç, ºŽg—p, Á, <, È, ç□ê□#, º, , è, Ü, ·□B

**fpf%of□□[f^□[ŒŠÁ<<•i□", l^øŒp**

WinBatchEh , ð□l—¹, ¹, , , É'±, -, Á"- , ¶fofbf` , l□ufXf^□[fg□v, ð□s, È, ¢

,ÆÅŠÅ«•İ” ,İŸ’è,ªO,İŸ’Ô,İ,Ü,Ü,Æ,È,è,Ü,·B,Ü,½ SHIFT frf}f“fh,đŽg—  
p,µ,½ê±,à^U”® ,µ,½Ĉ<%oÊ,ª,»,İ,Ü,ÜĈp’±,³,ê,Ü,·B

WinBatchEh ,©,ç¼,İfofbf` ,đufİ[fvf“vfİjf...  
[ ,Åfİ[fvf“ ,µ,½ê±<y,Ńfofbf` “à,Åfofbf` ,đ<N”® ,µ,½ê±ÅŠÅ«•İ” ,İŸ’è,İ^È’  
O,İŽÀsĈ<%oÊ,İ,Ü,Ü,É,È,Á,Ä,ç,Ü,·B

,Ü,½Afofbf` ,Ö,İpf%ofİ[f^İ[ ,ÍAİuftf@fCf<vfİjf...  
[ ,İufİ[fvf“v,đs,È,Á,½ê±A<y,ŃfGffBf^ ,É,Ç,đ<N”® ,µ,Äfofbf` ,İÄ“Ç,ÝŸ,Ý  
đs,È,Á,½ê±A%0 ^ÈŠO,İ,·,x,ÄÄ<Ž,³,ê,Ü,·(%0 ,É,İfofbf` -¼,ª“ü,Á,Ä,ç,Ü,·)B

fofbf` “à,Åfofbf` ,đ<N”® ,µ,½ê±<y,Ń CALL ,ÄĈÄ,Ńo,µ,½ê±,İ,»,İfofbf` ,Ö,İpf  
%ofİ[f^İ[ ,ªŸ’è,³,ê,Ü,·B,È,“ACALL ,İê±,ÍĈ³,İfofbf` ,É-  
ß,Á,½,Æ,«,É^È’O,İpf%ofİ[f^İ[ ,É-ß,è,Ü,·B

•İŽš—ñE’è<` •İŽš—ñE”’İEŠÅ«•İ” ,İŽw’è,É,Á,ç,Ä  
frf}f“fh,É,æ,Á,Ä,İ,•İŽš—ñ,đpf%ofİ[f^ ,É•K—v,Æ,·,é,à,İ,ª, ,è,Ü,·,ªA’Èİ,Í [ ]  
(f\_fuf<fNfHİ[fēİ[fVfŃ“),Ä^İ,ç,Ü,·,ªA•İŽš—ñ“à,Ä [ ] ,đŽg—p,µ,½,çê±,ÍA [ ]  
(fVf“fOf<fNfHİ[fēİ[fVfŃ“),Ä^İ,ª,±,Æ,à,Ä,«,Ü,·B

”’İ,İŽw’è,Æ’è<` •İŽš—ñ,İ—¼•û,ª,©,è,Ä,ç,é,à,İ,É,Á,ç  
,Ä,ÍA,Ä,«,é,¾,~è<` •İŽš—ñ,İ•û,đŽg—p,µ,Ä,-  
,¾,³,çB”’İ,Í;Ĉä,İfoİ[fWfŃ“ ,Ä•İX,ªs,È,İ,é,é%oÄ”\«,ª, ,è,Ü,·B  
”’İ,â’è<` •İŽš—ñ,đ ‘+’ ,â ‘-’ ,ÄĈvŽŽ,đs,È,ª  
,Æ,«,ÍAŠÔ,ÉfXfyİ[fX,È,Ç,đ“ü,ê,È,ç,Ä,,¾,³,çB

”’İ,İŽw’è,Ä,Íæ“ª,đ ‘0x’  
,Äžn,ß,é,Æ16İ” ,İŽw’èA,»,è^ÈŠO,İê±,Í10İ” ,İŽw’è,Æ,È,è,Ü,·B(”’İ,İŽw’è  
•û-@)

,Ü,½”’İŽw’è,Ä1•İŽš,İfLfff%ofNf^İ[ ,đŽw’è,·,é,±,Æ,à,Ä,«,Ü,·BfLfff  
%ofNf^İ[ ,đŽw’è,·,éê±,İfVf“fOf<fNfHİ[fēİ[fVfŃ“ [ ] ,Ä•İŽš,đ^İ,Á,Ä,,¾,³,ç(—á:  
'A')B

ŠÅ«•İ” ,İŽw’è,İ•”•ª,Ä “=” ,İ,Ÿ,đŽw’è,·,é,Æfofbf` ŽÀsfEfBf“fhfE,Éo—Í,·,é,±  
,Æ,ª,Ä,«,Ü,·B,±,ê,đ—~—p,µ,Ä SPRINTF ,È,Ç,İ^ø” ,ÉAfRf}f“fh,İŽÀs—  
Í,đ’ă“ü,·,é,±,Æ,ª%oÄ”\,É,È,è,Ü,·B

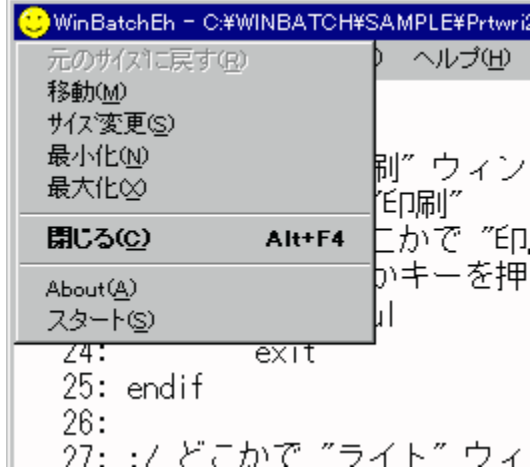
,»,İ¼16frfbfg,Æ32frfbfgfoİ[fWfŃ“ ,İ^á,ç  
Windows ,İ GUI Ž©İg,İ^á,ç,É,æ,èA16 frfbfg,Æ 32 frfbfgfoİ[fWfŃ“ ,ÄA•\  
Ž,³,ê,é“à—e(•Ĉ»),É^á,ç,ª<N,«,éê±,ª, ,è,Ü,·B

fçİ[f<foİ[ ,Í 32 frfbfgfoİ[fWfŃ“ ,Ä,İ,ŸfTfİ[fç,µ,Ä,ç,Ü,· (fçİ[f<foİ[ ,Í Windows95  
,Ü,½,İ Windows NT 3.51 ^È~ ,Ä”®İ,µ,Ä,ç,é,Æ,«,İ,Ÿ•Ž,³,ê,Ü,·)B



fVfXfef€f fjf... (,Ü,½,ífRf“fgf [f<f fjf... (])

¶ã, ì<÷, Á, ±, ð%öÿ, µ, ½, Æ, <, É•\, ê, é fjf... (, Å, ·B



## WinBatchEh,ìuY'èv,É,Â,ç,Ä

### fGfffBf^-1/4:

ufGfffBf^<N"®v(,Ü,½,Í[SHIFT]+Enter)  
,Å<N"®,ðs,È,xfGfffBf^,ðY'è,µ,Ü,·B%Šú'l,Í NOTEPAD.EXE ,É,È,Á,Ä,ç,Ü,·B

fGfffBf^,ìY'è,É,ÍÈ%º,lf}fNf,ðŽw'è,Å,«,Ü,·B

```
$f ftf@fCf<-1/4
$l s"Ôt('123',ì,æ,æ,Éæ"ª,ì0,ðœ,ç,½Ĉ`Ž®)
$n s"Ôt('00123',ì,æ,æ,É5Ĉ...,ìĈ`Ž®)
$$ '$Ž©g
```

f}fNfŽw'è,ª,È,çê±,ÍfGfffBf^,ìŽÀsftf@fCf<,ÉĈ»Y,lfobf`ftf@fCf<,ðŽ©"®"l,  
É"n,µ,Ü,·,ªAf}fNfŽw'è,ðŽg—p,µ,Ä,ç,éê±,É,Íftf@fCf<-  
¼,ÍŽ©"®"l,É"n,µ,Ü,¹,ñ,ì,ÅAf}fNfŽw'è,ð1,Ä,Ä,àŽg—p,·,éê±,Í \$f ,Íftf@fCf<-  
¼Žw'è,à•K, ,fpf%of[f^,ÉŠÜ,ß,Ä,,¾,¾,çB  
s"Ôt,ì"l,ìĈĈ»Yfobf`"à—e•Ž!fEfBf"fhfE,Å•Ž!,¾,è,Ä,ç  
,éæ"ª,ìs"Ôt,Å,·B"–R,È,ª,çfGfffBf^'æ,Ås"Ôt,lfpf%of[f^,ðfTf|f|fg,µ,Ä,ç  
,é•K—v,ª, ,è,Ü,·(NOTEPAD.EXE,Å,Íftf|f|fg,¾,è,Ä,ç,Ü,¹,ñ)B

Žw'è—á: C:\HIDEMARU\HIDEMARU.EXE /J\$n \$f

### XVftf@fCf<,ÍŠm" F,É,µ,ÅÄ"Ç,Ýž,Ý

,±,lf`fFbfNf{f^f",ðON,É,µ,Ä,·, -  
,ÆAfGfffBf^,Å•İX,ðs,È,Ä,½Ĉã,lfobf` ,ìÄ"Ç,Ýž,Ý,ðs,È,æ,©,Ç,æ  
,©,ÍŠm" F,É,µ,ÅÄŽ©"®"l,ÉÄ"Ç,Ýž,Ý,ªs,È,í,è,Ü,·B'Éí,íON,ìó'Ô,ÅŽg,Á,Ä,-  
¾,¾,¾,çB

### fobf` "à—e•Ž!fEfBf"fhfE,ì'á,«,¾,ì•Ů'¶

,±,lf`fFbfNf{f^f",ðON,É,µ,Ä,·, ,ÆAfobf` "à—e•Ž!fEfBf"fhfE,ì'á,«,¾,ðA|—  
¹Žž,É•Ů'¶,ðs,È,çAŽŸ%ñ,ì<N"®Žž,É,à" ,¶'á,«,¾,Å•Ž!,¾,è,é,æ,æ,É,È,è,Ü,·B

### fobf`ftf@fCf<,ð1s'P^É,Å^—

'Éí,Ífobf`ftf@fCf<,ðf|f|fvf",µ,½,Æ,«,É,·,x,Ä,ðf|f|fš,É"Ç,Ýž,ñ,ÅŽÀs,ðs,È,ç  
,Ü,·B,±,lf`fFbfN,ðON,É,µ,Ä,·, -  
,ÆAfobf`ftf@fCf<,ì"Ç,Ýž,Ý,ðŽÀs,·,é[s,²,Æ,É1s'P^É,Å"Ç,Ýž,Ý,ðs,È,ç

,Ü,·,ì,Å Afobf` ,ì“ ® ì,í’x,-  
,È,è,Ü,·,ª Afobf` ftf@fCf<,ð“Ç,Ýž,þfobftf@,ì•ªf,fŠ,ðβ-ñ,Å,«,Ü,·B

## ftfHf“fg,ìÝ’è

ufobf` “à—e·\  
ŽifEfBf“fhfE v,Ü,½,íufobf` ŽÀsfEfBf“fhfE v,ìftfHf“fg,ðÝ’è,μ,Ü,·BftfHf“fg,í  
CEÁ’è•,ìftfHf“fg,ì,Ý,ð’ð,Å,«,Ü,·B



## [ftf@fCf<]f[]ff...[]

[ftf@fCf<]f[]ff...[][,É,í[]Afofbf`ftf@fCf<,đŠ],ç  
,½,è[]AfGfffBf^[][,ì<N"®<y,N[]Ý'è[]A'—<àĈĚă,ì"o~^,đ[]s,È,æfRf}}f"fh,<sup>a</sup>, ,è,Ü,·[]B

## [fi[][fvf"]

fofbf`ftf@fCf<,lfi[][fvf" ,đ[]s,È,ç,Ü,·[]BŠg'ÉŽq,íffftfHf<fg,Å,í .BTW ,Ü,½,í .BAT  
,ì,à,ì,<sup>a</sup>l'đ,Å,«,Ü,·[]Bfofbf`ftf@fCf<,đfi[][fvf" ; ,é,Æ"Ç,Y[]ž,Ý,<sup>a</sup>[]s,È,í,è,Ä[]Afofbf` "à  
—e•\ŽlfEfBf"fhfE,É"à—e,<sup>a</sup>•\Žl,<sup>3</sup>,è,Ü,·[]B  
ftf@fCf<,lfi[][fvf" ,í[]%Šú%æ-É,ÅfL[]f{[][fh,ì O fL[][,đ%Ÿ,·,±,Æ,Å,à[]s,È,ì,Ü,·[]B

## [fGfffBf^[][<N"®]

fGfffBf^[][,ì<N"® ,đ[]s,È,ç,Ü,·[]Bfofbf`ftf@fCf<,<sup>a</sup>fi[][fvf" ,<sup>3</sup>,è,Ä,ç,è,î,»,lftf@fCf<-  
¼,đfGfffBf^[][,É"n,μ,Ä<N"® ,<sup>a</sup>[]s,È,í,è,Ü,·[]B  
fGfffBf^[][,ì<N"® ,í[]%Šú%æ-É,ÅfL[]f{[][fh,ì SHIFT+fŠf^[]f" ,đ%Ÿ,·,±  
,Æ,Å,à[]s,È,ì,Ü,·[]B

## [[]Ý'è]

fGfffBf^-¼,ì[]Ý'è,È,Ç,đ[]s,È,ç,Ü,·[]B([[]Ý'è]f[]ff...[][,ì[]Ú[]x)

## [fRf}}f"fh'¼[]ÚŽÀ[]s]

fRf}}f"fh,đ"ü—í,μ,Ä'¼[]ÚŽÀ[]s,đ[]s,È,æ,±,Æ,<sup>a</sup>,Å,«,Ü,·[]B,±  
,è,É,æ,èWinBatchEh,lfRf}}f"fh,lfefXfg,È,Ç,đ[]s,È,æ,±  
,Æ,<sup>a</sup>,Å,«,Ü,·[]B(fRf}}f"fh'¼[]ÚŽÀ[]s,ìŽg,ç•ù)  
fRf}}f"fh,ì'¼[]ÚŽÀ[]s,í[]%Šú%æ-É,ÅfL[]f{[][fh,ì C fL[][,đ%Ÿ,·,±  
,Æ,Å,à[]s,È,ì,Ü,·[]B

## ["o~^]

'—<à"o~^,đ[]s,È,Á,½ĈĚă[]AŽg—p,·,éft[]fU[][-¼,Ü,½,í%ïŽĐ-  
¼,È,Ç,Æ[]A[]žÖ,æ,è,"'m,ç,<sup>1</sup>,μ,½ID"Ó†,đ"ü—í,Å,«,Ü,·[]B  
^è"x"o~^,đ[]s,È,æ,Æ[]A,±,lfRf}}f"fh,lf[]ff...[][,É,í•\,è,È,,È,è,Ü,·[]B

## ŽQ[]l

fVfFfAfEfFfA,É,Â,ç,Ä

## [fXf^ [fg]

f ofbf` ftf@fCf<, ðŽÀ s, ðŽn, ß, Ü, · BŽÀ s, aŽn, Ü, é, Æ [fXf^ [fg], ðfRf} f“fh, í [fXfgfbfv] , É• í%»», µ, Ü, · B

, È, “ A [fXf^ [fg] fRf} f“fh, í ê” Ô 1 ä, ðfVfXfef€f fíf... (fRf“fgf [f<f fíf... [()“à, É, à—p^ Ó, ³, ê, Ä, ç, Ü, ·, ð, Å AfAfCfRf“ ó’ Ô, É, µ, Ä, ç, é ê ð ‡, È, Ç, í A, ±, ÷, ç ‘ ² , ÅfRf} f“fh, ðŽÀ s, µ, Ä, , ¾, ³, ç B

, Ü, ½ AfL [f { [fh, ð S fL [ , ð% ÿ, µ, Ä, à [fXf^ [fg], ·, é, ±, Æ, a, Å, «, Ü, · B

## [fXfgfbfv]

ŽÀs't, ìfofbf`ftf@fCf<, ì"® ì, ð<§"l, É'tŽ~, μ, Ü, ·B^ê'U[fXfgfbfv], ðs, È, α, Æfofbf`, ì"r't, ©, çŽn, ß, é, æ, α, È, ±, Æ, í, Å, «, Ü,<sup>1</sup>, ñ, ì, Å,<sup>2</sup>'^Ó,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>, çB

ŽÀs, ð[fXfgfbfv], Å'tŽ~, ·, é, ÆA[fXfgfbfv], ìfRf}f"fh, í[fXf^[]fg], É•ï%»», μ, Ü, ·B

, È, "A[fXfgfbfv]fRf}f"fh, í^ê"Ô¶ã, ìVfXfef€fj...[](fRf"fgh[]f<fj... [])"à, É, à—p^Ó,<sup>3</sup>, ê, Ä, ç, Ü, ·, ì, ÅAfAfCfRf"ó'Ô, É, μ, Ä, ç, éê¶, È, Ç, íA, ±, ç, ç'α, ÅfRf}f"fh, ðŽÀs, μ, Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>, çB

## frf}f“fh’¼□ÚŽÀ□sfEfBf“fhfE,ìŽg,č•û

frf}f“fh’¼□ÚŽÀ□sfEfBf“fhfE,Á,í□Afrf}f“fhf%ofCf“,ì“ü—  
í,ð□s,È,Á,Ä□A,»,ífrf}f“fh,ìŽÀ□sCE<%oÊ,ðŠm“F,·,é,±,Æ,ª,Å,«,Ü,·□B  
frf}f“fh,ìŽÀ□s,ð□s,È,±,Æ□Afofbf`ftf@fCf<,ðŽÀ□s,µ,Ä,č,é,Æ,«,Æ“~,¶,æ,±  
,Éfofbf`ŽÀ□sfEfBf“fhfE,ªCE»,êCE<%oÊ,È,Ç,ª•\Ž!,³,ê,Ü,·□B

## ŽÀ□s“à—e,ì“ü—í

ŽÀ□s,ð□s,È,±frf}f“fh<y,Ńfpf%of□□[f^□[,ðfofbf`ftf@fCf<“à,Æ“~,¶,æ,±  
,ÉŽw’è,µ,Ü,·□Bê”ŎŽn,ß,Éfrf}f“fh’¼□ÚŽÀ□sfEfBf“fhfE,ðŠJ,č  
,½,Æ,«,É,í□AfnfšfbfNf{□[fh,ì“à—e,ª“]’—,³,ê,Ä,č,Ü,·□B  
DOS,ífrf}f“fhf%ofCf“,Æ^á,č□Afofbf`ftf@fCf<“à,Æ“~,¶•¶-@,Å<L□q,·,é•K—v,ª, ,è  
,Ü,·,ì,Ä,²□^Ó,,¾,³,č□B—á,í,í FOR •¶,í "FOR %%A IN ..." ,ì,æ,±,É % ,ª2,Ä•K—  
v,Ä,·□B  
ŽÀ□s,ð□s,È,Á,½“à—e,í64□€-Ü,Ü,ÅqfXfgfŠ□[,Æ,µ,Ä<L%o~ ,³,ê,Ä,č,Ü,·□B

## CE»□Ý,ìERRORLEVEL,ì'I

ŽÀ□s,ð□s,È,±‘O,ìERRORLEVEL,ì'I,ì□Ý’è,ð□s,È,č  
,Ü,·□B,Ü,½ŽÀ□s,ð□s,È,Á,½CE<%oÊ,ìERRORLEVEL,à,±,ì•”•ª,É•\Ž!,³,ê,Ü,·□B

## ŽÀ□s“à—e,ðfnfšfbfvf{□[fh,É“]’—

,±,í`f`fbfbfNf{fbfNfX,ðON,É,µ,Ä,“,,Æ□AŽÀ□s,ð□s,È,Á,½frf}f“fhf%ofCf“,ì“à—  
e,ðfnfšfbfvf{□[fh,É“]’—,µ,Ü,·□BfgffBf^□[,ÉŽÀ□s,µ,½“à—e,ð“\  
,è•t, ,ð□s,È,±ê□‡,É•Ö—~,©,ÆŽv,č,Ü,·□B



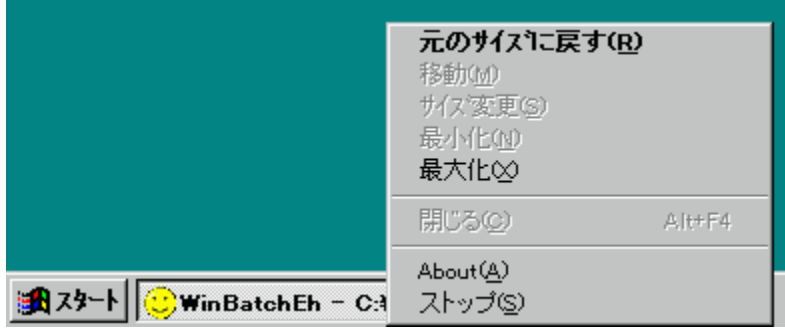
fVfXfef€f fjf...[(,Ü,½,ífRf“fgf[f<f fjf...[)

fAfCfRf“ó’Ô,É,μ,Ä,ç,Ä,àŽÿ,ì,æ,α,Éf fjf...[,ª•\,ê,Û,·B



fVfXfef€f fjjf...[(,Ü,½,ífRf“fgf f[f<f fjjf...[I)

fAfCfRf“ó’Ô,É,μ,Ä,ç,Ä,àŽÿ,ì,æ,α,Éf fjjf...[I,ª•\,ê,Û,·B





**fRf}}f“fh,ì□à-¾,ì•\<L•û-@**

WinBatchEh,Å,ìfRf}}f“fh,ð,ç,,Â,©,ì•ª-ì,É•ªŠ,,,μ,Ä,ç,Ü,·□B•ªŠ,,,ÍŽŸ,ì,æ,α,ÈĈ` ,Å□s,È,Á,Ä,ç,Ü,·□B

**WinBatchEh,ÅŽg,ì,éfRf}}f“fhŠî- {•Ñ**  
DOS,ìfofbf`fRf}}f“fh,Æ“` ,¶Ĉ`Ž® ,ìfRf}}f“fh,Å,·□B

**WinBatchEh,ÅŽg,ì,éCOMMAND.COM“à•”fRf}}f“fh•Ñ**  
COMMAND.COM,ì“à•”fRf}}f“fh,Æ“` ,¶Ĉ`Ž® ,ìfRf}}f“fh,Å,·□B

**WinBatchEh,ÅŽg,ì,éfRf}}f“fhŠg’£•Ñ**  
fofbf`fRf}}f“fh,ìŠg’£<y,Ñ’Ç  
%oÁ,ð□s,È,Á,½fRf}}f“fh□A,»,è,ÉDOS□ã,Å,ìŠO•”fRf}}f“fh,Å,·□B

**WinBatchEh,ÅŽg,ì,éfRf}}f“fh•KŽE<Z•Ñ**  
Windows—p,É“Á•É,È□^—□,ð□s,È,ì,é,æ,α,É,È,Á,½fRf}}f“fh,Å,·□B

,±,ìfwf<fv,Å,ìWinBatchEh,ìfRf}}f“fh,ì%oð□à,ÍŽŸ,ì,æ,α,ÈĈ` ,Å□s,È,Á,Ä,ç,Ü,·□B

**^ê”Ô□ã,ìf^fCfjg<**  
fRf}}f“fh-¼

**[]**  
□È—ª%oÁ”\,Èfpf%of□□[f^□[,Å,·□B

**-ß,è’l**  
fRf}}f“fh,ª□l—<sup>1</sup>,μ,½Ĉã,ìERRORLEVEL,Å,·□B

**—á**  
Žg—p—á,ð□Đ%oî,μ,Ü,·□B

**ŽQ□Æ**  
,»,ìfRf}}f“fh,ÆŠÖ~A,·,éfRf}}f“fh,ìŽQ□Æ,ð□s,È,ì,Ü,·□B

## WinBatchEh,lfRf}f“fh^ê—

### Šî- {fRf}f“fh

@ ECHO ON ,l□ó'Ô,Å,àfRf}f“fh□s,l•\Ž|,ð□s,È,ç,Ü,¹,ñ□B  
%□"l, %ŠÂ«•i□"% , %% fpf%of□□[f^□[,lŽw'è,âŠÂ«•i□",l"à—  
e,ðŽQ□Æ,μ,Ü,·□B  
REM [•¶Žš—ñ] ,» ,l□s,ðfRf□f“fg□s,É,μ,Ü,·□B  
ECHO •¶Žš—ñ, ON/OFF •¶Žš—ñ□o—l□AŽÀ□s't,l□s,lfGfR□[,l—L—  
³,ðŽw'è,μ,Ü,·□B  
PAUSE [fRf□f“fg•¶Žš—ñ] f□fbfZ□[fW,ð•\Ž|,μ□A%o½,©fL□[,ª  
%oÿ,³,ê,é,Ü,Á'Ö,¿,Ü,·□B  
SET •i□"-¼=•¶Žš—ñ ŠÂ«•i□",Ö,l'ä"ü/□í□œ,ð□s,È,ç,Ü,·□B  
IF(fofbf`fRf}f“fhÇÝŠ·) □ðÇ□,l"»è,ð□s,È,Á,Á'±,•¶,ðŽÀ□s,μ,Ü,·□B  
GOTO LABEL LABEL,l□s,ÉfWfff“fv,μ,Ü,·□B  
FOR(fofbf`fRf}f“fhÇÝŠ·) ÇJ,è•Ö,μŽÀ□s,ð□s,È,ç,Ü,·□B  
SHIFT fofbf` ,lfpf%of□□[f^□[,ð□¶,ÉfVftfg,μ,Ü,·□B  
EXIT fofbf`ftf@fCf<,©,ç"²,~,Ü,·□B  
ŽÀ□sftf@fCf<-¼ ftf@fCf<,ðŽÀ□s,μ,Ü,·□B  
CALL fofbf`ftf@fCf<-¼ fofbf`ftf@fCf<,ðÇÄ,Ñ□o,μ,Ü,·□B  
BTWPATH fofbf`ftf@fCf<,ðÇÿ□ð,·,éfT□[f`fpfX,l□Ý'è,ð□s,È,ç  
 ,Ü,·□B

### COMMAND.COM“à•”fRf}f“fh

CLS fofbf` ŽÀ□sfEfBf“fhfE,l"à—e,ð□Á<Ž,μ,Ü,·□B  
DIR fffBfÇfNfgfŠ,l"à—e,ð•\Ž|,μ,Ü,·□B  
DRIVE: fjfÇf“fgfhf%ofCfu,ð•i□X,μ,Ü,·□B  
CHDIR, CD fjfÇf“fgfffBfÇfNfgfŠ(ftfHf<f\_) ,l•i□X,Ü,½,Í•\  
Ž|,ð□s,È,ç,Ü,·□B  
MKDIR, MD fffBfÇfNfgfŠ(ftfHf<f\_) ,l□□□,ð□s,È,ç,Ü,·□B  
RMDIR, RD fffBfÇfNfgfŠ(ftfHf<f\_) ,l□í□œ,ð□s,È,ç,Ü,·□B  
COPY ftf@fCf<,lfRfs□[,ð□s,È,ç,Ü,·□B  
REN, RENAME ftf@fCf<-¼□AfffBfÇfNfgfŠ(ftfHf<f\_)-¼,l•i□X,ð□s,È,ç  
 ,Ü,·□B  
DEL, ERASE ftf@fCf<,l□í□œ,ð□s,È,ç,Ü,·□B  
TYPE fefLfXfgftf@fCf<,l"à—e•\Ž|,ð□s,È,ç,Ü,·□B  
fŠf`fCfÇfNfg□o—Í •\Ž|,·,é'ã,í,è,Éftf@fCf<,É□o—Í,ð□s,È,ç,Ü,·□B

### Šg' fRf}f“fh

GETVERSION WinBatchEh,lfo□[fWf}f“”Ô□t□AWindows,lfvf  
%ofbfjgftfH□[f€□Afo□[fWf}f“ ,ðŽæ“¾,μ,Ü,·□B  
INLINECOMMENT fCf“f%ofCf“fRf□f“fg•¶Žš—ñ,l□Ý'è,ð□s,È,ç,Ü,·□B  
\$(ŠÂ«•i□"), \$(%opŽš), \$(□”Žš) “AŽê,È•¶Žš,ðŠÜ,ñ,¾ŠÂ«•i□",È,Ç,ðŽQ□Æ,μ,Ü,·□B  
BATCHWND, BATWND fofbf` “à—e•\Ž|fEfBf“fhfE,l•\Ž|,l□§Çä,ð□s,È,ç,Ü,·□B  
EXECUTEWND, EXECWND fofbf` ŽÀ□sfEfBf“fhfE,l•\Ž|,l□§Çä,ð□s,È,ç,Ü,·□B



SETCURSORPOS f}fEfXfj[]f^f<,ì^Ê'u,ð[]Ý'è,μ,Û,·[]B  
MOUSEEVENT f}fEfXf{f^f<,"ð%öÿ,·"®[]ì,ð[]s,È,ç,Û,·[]B  
CLIPCORSOR f}fEfXfj[]f^f<,ì^Ú"®%öÁ"\,È"í^ì,ð[]Ý'è,μ,Û,·[]B  
GETFOCUS

CE»[]ÝftfH[]fjX,ª[]Ý'è,³,è,½fEfBf"fhfE,ðŽæ"¾,μ,Û,·[]B  
SETFOCUS Žw'è,lfEfBf"fhfE,ÉftfH[]fjX,ð[]Ý'è,μ,Û,·[]B  
SHOWWINDOW Žw'è,lfEfBf"fhfE,ì[]ó^Ó,ð[]Ý'è/Žæ"¾,μ,Û,·[]B  
GETWINDOWRECT Žw'è,lfEfBf"fhfE,ì^Ê'u<y,ÑftfCfY,ðŽæ"¾,μ,Û,·[]B  
SETWINDOWRECT Žw'è,lfEfBf"fhfE,ì^Ê'u<y,ÑftfCfY,ð[]Ý'è,μ,Û,·[]B  
SETWINDOWPOS Žw'è,lfEfBf"fhfE,ì"z—

ñ[]#[]^Ê'u,ÆftfCfY[]A^2[]®ftf%ofO,ð[]Ý'è,μ,Û,·[]B  
MESSAGEBOX, MSGBOX f[]fbfZ[]fWf{fbfNfX,ì·\Ž!,ð[]s,È,ç,Û,·[]B  
MESSAGEBEEP, MSGBEEP ftfEf"fh,ð[]Ä[]¶,μ,Û,·[]B  
NONSTOPMESSAGE, NONSTOPMSG fofbf ,ì^—[]ð'±,·,½,Û,Ûf[]fbfZ[]fW,ð·\Ž!,μ,Û,·[]B

DISPLAYTXT fefLfXfgftf@fCf<(TXT),ð·\Ž!CEã[]A%öž"š,ð'Ò,ç,Û,·[]B  
DISPLAYBMP frfbfgf}fbfvftf@fCf<(BMP),ì·\Ž!,ð[]s,È,ç,Û,·[]B  
SNDPLAYSOUND

WAVftf@fCf<,Û,½,íWIN.INI,ìentry,ìftfEf"fh,ð[]Ä[]¶,μ,Û,·[]B  
INPUTSTRING ·¶Žš—ñ"ü—ì,ð[]s,È,ç,Û,·[]B  
SELECTSTRING fšfXfgf{fbfNfX,©,ç·¶Žš—ñ,ì'ìð,ð[]s,È,ç,Û,·[]B  
CHOICEBUTTON

f{f^f<,"ì't,©,ç'ì'ð,ð[]s,È,Á,Ä'ì,ñ,¾f{f^f<,"ì'ì,ð·Ô,μ,Û,·[]B  
GETOPENFILENAME ftf@fCf<-¼,ì'ì'ð(Û,½,ì"ü—ì),ð[]s,È,ç,Û,·[]B  
DROFILEWAIT ftf@fCf<,ªfhf[]fbfv,³,è,é,ì,ð'Ò,ç,Û,·[]B  
CHOOSECOLOR []F,ì'ì'ð,ð[]s,È,Á,ÄšÄ««·ì[]",É'ã"ü,μ,Û,·[]B  
EXITWINDOWS Windows,ð[]l—¹,μ,Û,·[]B  
RESTARTWINDOWS Windows,ð[]Ä<N"®,μ,Û,·[]B  
REBOOTSYSYSTEM Windows,ð[]l—¹,μVfXfef€(f}fVf"),ð[]Ä<N"®,μ,Û,·[]B  
EXITWINDOWSEXEC Windows,ð^è'U[]l—

¹,μ[]ADOS,ìŽÄ[]sftf@fCf<,ðŽÄ[]s,μ,Û,·[]B  
SUSPENDSYSTEM frf"fsf...[]f^,ðftfXfyf"fhf,[]fh,É,μ,Û,·[]B  
GETINISTRING INiftf@fCf<,ì·¶Žš—ñ,ðŽæ"¾,μ,Û,·[]B  
WRITEINISTRING, SETINISTRING INiftf@fCf<,É·¶Žš—ñ,ð[]Ý'è,μ,Û,·[]B  
GETREGSTRING fCEfWfXfgfšff[]f^,ðŽæ"¾,μ,Û,·[]B  
SETREGSTRING fCEfWfXfgfšff[]f^,ð[]Ý'è,μ,Û,·[]B  
SYSTEMPARAMETERSINFO, SYSPARAMINFO fVfXfef€fCEfXf<,ìfpf

%of[][]f^,ìŽæ"¾,Û,½,ì[]Ý'è,ð[]s,È,ç,Û,·[]B  
GETCLIPBOARD fNfšfbfvf{[]fh,©,ç·¶Žš—ñ,ðŽó,·Žæ,è,Û,·[]B  
SETCLIPBOARD fNfšfbfvf{[]fh,É·¶Žš—ñ,ð[]Ý'è('—[]o),μ,Û,·[]B  
POSTMESSAGE fAfvfšfP[]fVf#f",Éf[]fbfZ[]fW,ð'—,Á,Ä,·,®,É-ß,è,Û,·[]B  
SENDMESSAGE fAfvfšfP[]fVf#f",Éf[]fbfZ[]fW,ð'—,Á,Ä

%ož“š,đ'Ò,ì,Û,·□B  
SENDMENUKEY  
SENDKEY  
SENDSTR  
DDEEXECUTE

fAfvfŠfP□[fvf#f“ ,lf□fjf...□[ ,đ'l'đ,μ,Û,·□B  
fL□[fR□[fh,đ'¼□Ú'—,è,Û,·□B  
•¶Žš—ñ,đ'—,è,Û,·□B  
DDEfT□[fo□[ ,ÉfRf}f“fh,đŽÀ□s,<sup>3</sup>,<sup>1</sup>,Û,·□B





**@[fRf}f“fh]**

ECHO ON ,ì□ó'Ô,Å,àfRf}f“fh□s,ì•\Ž!,ð□s,È,ç,Û,<sup>1</sup>,ñ□B

**-ß,è'I**

, ,è,Û,<sup>1</sup>,ñ□B

**—á**

@ECHO OFF

@START CALC.EXE

**ŽQ□I**

ECHO

**%""I, %ŠÂ««•i""%, %%**

f ofbf`ftf@fCf<-¼,ìŽQÆ,âf pf%of [f^ [l,ìŽw'è,ìŽQÆ AŠÂ««•i",ì"à—  
e,ìŽQÆ A%Ž© [g,ìŽw'è,ð [s,È,ç,Û,· [B

WinBatchEh,Å,í f ofbf` ,ì"à•" ^— [ ,É Žg,í,ê,é• ¶ Žš,ì"ü,Á,½• ¶ Žš—  
ñ,ð^ μ,π [ê [ß,í [A\$(ŠÂ««•i"),ìCE` Ž® ,Å,ìŽQÆ,à [s,È,ì,Û,· [B

**%0**

f ofbf`ftf@fCf<-¼,ð ŽQÆ,μ,Û,· [B

**-ß,è'I**

, , ,è,Û,¹, ñ [B

**—á**

ECHO %0,ìŽÀ [s,ð Š Žn,μ,Û,·

**%1 [ ` %9, %\***

,»,ê,¼,ê f ofbf`ftf@fCf<,Ö,ì f pf%of [f^ [l(("%1" ,ª1"Ô-Ú)  
,ð ŽQÆ,μ,Û,· [B,Û,½ [A"%\*" ,Å,·,×,Ä,ì f pf%of [f^ ,ð ŽQÆ,μ,Û,· [B

**-ß,è'I**

, , ,è,Û,¹, ñ [B

**—á**

MD %1

ECHO f pf%of [f^ ,í %\* ,Å,· [B

**%NAME%**

ŠÂ««•i",ì"à—e,ìŽQÆ,ð [s,È,ç,Û,· [B

%WINDIR% ,Å Windows ,ì f f B f C f N f g f Š (f t f H f < f \_),ìŽQÆ,à [s,È,ì,Û,· [B  
,Û,½ %ERRORLEVEL% ,Å ERRORLEVEL ,ð• ¶ Žš—ñ,Æ,μ,Ä ŽQÆ,·,é,±  
,Æ,à,Å,«,Û,· [B

**-ß,è'I**

, , ,è,Û,¹, ñ [B

**—á**

ECHO TEMP,ì [ Ý'è,í %TEMP%,É,È,Á,Ä,ç,Û,·

**ŽQ [I**

SET

IF  
ERRORLEVEL(□Ý'è,ŽQ□Æ)

**%%**  
%Ž©□g,đ•\,μ,Ü,·□B

**-ß,è'l**  
, , è, Ü, <sup>1</sup>, ñ□B

**—á**  
ECHO "ä—,í 100%% ,Å,·□B

**ŽQ□l**  
\$(ŠÁ<<•i□")

## REM [•¶Žš—ñ]

,» ,ì□s,ªfRf□f“fg,Æ,μ,Ä^μ,í,êŽÀ□s,ª□s,È,í,ê,Ü,¹,ñ□B'A,μfŠf\_fCfÆfNfg,Í—  
LÆø,É,È,è,Ü,·□B

**-ß,è'l**

, ,è,Ü,¹,ñ□B

**—á**

REM Version 1.0

**ŽQ□l**

INLINEDCOMMENT

## ECHO • Žš—ň, ON/OFF

•Žš—ňo—AŽÀsŽž,fofbf` ,E»Ýs,fGfR[.L,èA=3,μ,đŽw'è,μ,Û,B

## ECHO [/N] • Žš—ň

•Žš—ň,đo—Í,μ,Û,B/N,đ•Žš—ň,ì'O,ÉŽw'è,,é,Æ•Žš—ňo—ÍEă,ì  
%üs,đs,È,ç,Û,1,ňB

-,è'

, ,è,Û,1,ňB

—

ECHO ŽÀs,đŠŽn,μ,Û,

ECHO /N ftf@fCf<,aE,Â,,è,Û,1,ň.

Ž

PRINTE

## ECHO ON

,±,è^È~ ,žÀs't,ìs,fGfR[(•Ž!),đs,È,ç,Û,B  
%šúóÔ,Á,Í ECHO ON ,ìóÔ,É,È,Á,Ă,ç,Û,B

-,è'

, ,è,Û,1,ňB

—

ECHO ON

## ECHO OFF

,±,è^È~ ,žÀs't,ìs,fGfR[(•Ž!),đs,È,ç,Û,1,ňB

,È,AWinBatchEh,fEfBf"fhfE,đ"ň•Ž!,É,,éè,AEXECUTEWND ,Æ  
BATCHWND ,đŽg—p,μ,Û,B

-,è'

, ,è,Û,1,ňB

—

ECHO OFF

Ž

@



## PAUSE [fRf"fg•Źš—ñ]

f fbfZ [fW,đ•Ž,μA%½,©fL[,ª%Ÿ,³,ê,é,©f}fEfX,ìf{f^f",ª  
%Ÿ,³,ê,é,Ü,Å'Ò,¿,Ü,·B

[ESC]fL[Ü,½,Í}fEfX,ì%Ef{f^f",đ%Ÿ,·,Æ't'f,μ,Ü,·(DOS,ì,æ,κ,ÉCTRL-C,Å,Í, ,è,  
Ü,¹,ñ)B

,È, " Af ofbf`ŽÀ sfEfbf"fhfE(EXECUTEWND),ª•Ž,³,ê,Ä,ç  
,È,ç ó'Ô,Å,Í fbfZ [fW,ì•Ž,à s,È,ç,Ü,¹,ñ,μ AfL["ü—í,à'Ò,¿,Ü,¹,ñB,» ,ìê±,Í  
MESSAGEBOX ,đŽg—p,μ,Ä,,¾,³,çB

fRf"fg•Źš—ñ,ÍfRf"fg,đ"ü,ê,é,Æ,«,ÉŽg—p,μ,Ü,·,ªA"ECHO OFF" ,ìó'Ô,Å,Í•\  
Ž,³,ê,Ü,¹,ñ,μA, ,Ü,è^Ó-í,ª, ,è,Ü,¹,ñB

-ß,è'I

, ,è,Ü,¹,ñB

—á

PAUSE

PAUSE ,±,ê,Í5%ñ-Ú,ìPAUSE,Å,·

ŽQI

GETKEYSTATE

CHOICE

MESSAGEBOX, MSGBOX



## SET ŠĀ««•İ□”-¼=[‘ã“ü•ŕŽš—ñ]

ŠĀ««•İ□”,Ö,ì’ã“ü,Æ□í□œ,ð□s,È,ç,Û,·□B

16frfbfgfo□[fWf†f“,Ā,í□Y’è,ð□s,È,Ā,½ŠĀ««•İ□”,íŽqfvf□fZfX,É,í“n,<sup>3</sup>,ê,Û,<sup>1</sup>,ñ,μ□APA  
TH,ì□Y’è,ð□s,È,Ā,Ā,àŽĀ□Û,ìfT□[f`fpfX,É,í“½%of,<sup>3</sup>,ê,Û,<sup>1</sup>,ñ,ì,Ā,<sup>2</sup>□^ÓŠè,ç,Û,·□B,,-  
,Û,Āfofbf`“à,Ā,ì•İ□”,ì~—p,ÆCE¾,æCE`,ĀŽg—p,μ,Ā,,¾,<sup>3</sup>,ç  
(CALL•ŕ<y,Ñfofbf`ftf@fCf<-  
¼,ðŽw’è,μ,ĀWinBatchEh“à,Āfofbf`,ð<N“®,μ,½□ê□†,íŽY,ìfofbf`,É•İ□X“à—  
e,<sup>a</sup>žó,~CEp,<sup>a</sup>,ê,Û,·)□B,Û,½□A32frfbfgfo□[fWf†f“,Ā,àDOSfRf}f“fh,â^ê•”,ìfAfvfŠfP  
□[fVf†f“,Ā,íŽó,~CEp,<sup>a</sup>,ê,È,ç□ê□†,<sup>a</sup>, ,è,Û,·□B

## ’□^Ó

ŠĀ««•İ□”,Æ=,ìŠÔ,ì<ó”,í^Ó-ì,ðŽ□,ž,Û,·□B

"SET NAME=1",Æ "SET NAME = 1",Ā,íCE<%oÊ,<sup>a</sup>^Û,È,è,Û,·(,»,ê,¼,ê "NAME=1",  
"NAME = 1",Æ,ç,æCE`,Ā,ì•Û’ŕ,É,È,è,Û,·)□B

## SET NAME=VAL

ŠĀ««•İ□”,Ö,ì’ã“ü,ð□s,È,ç,Û,·□B

## -ß,è’l

, ,è,Û,<sup>1</sup>,ñ□B

## —á

SET FILENAME=A:\FILENAME.TMP

## SET NAME=

ŠĀ««•İ□”,ð□í□œ,μ,Û,·□B

## -ß,è’l

, ,è,Û,<sup>1</sup>,ñ□B

## —á

SET FILENAME=

## ŽQ□l

%ŠĀ««•İ□”%

## LET

## SPRINTF

## BTWPATH

## IF (fofbf`fRf}f“fhĀÉŸŠ·)

□đĀ□,ì”»è,đ□s,È,Á,Ä±,•Ÿ,đŽÀ□s,μ,Ü,·□BDOS ,lfofbf`fRf}f“fhĀÉŸŠ·,ì IF  
,Á,·□BWinBatchEh,Á,í□\‘ç%»IF,àŽg—p,Á,«,Ü,·□B

## IF ,lfRf}f“fhĀ—

IF ERRORLEVEL ERRORLEVEL ,ì‘,đĀÉŸ□,μ,Ü,·□B  
IF EXIST ftf@fCf<,ì‘ŸŸ,đĀÉŸ□,μ,Ü,·□B  
IF EXISTWINDOW fEfBf“fhfEf^fCf<,ì‘ŸŸ,đĀÉŸ□,μ,Ü,·□B  
IF •ŸŽš—ñ==•ŸŽš—ñ •ŸŽš—ñ,“™,μ,ç,©”äŠr,μ,Ü,·□B  
IF ‘!1 ”äŠr%”%ŽŽq ‘!2 ‘!,ì‘â□—,đ”äŠr,μ,Ü,·□B  
IF WINBATCH==YES WinBatchEh‘†,ÁŽÀ□s‘†,©,ç,æ,©,đ”»‘f,μ,Ü,·□B  
IF CMP(Ü,½,ÍICMP)(Ü,½,Í/Í) ‘±,•ŸŽš—ñ,ì”äŠr,đ  
%op‘â□—•ŸŽš,ìæ•É,È,μ,É,μ,Ü,·□B  
IF NOT ‘±,□đĀ□•Ÿ,ì”»è,đ<t,É,μ,Ü,·□B

## IF ERRORLEVEL □”‘I □`

ERRORLEVEL ,“”‘ĀÈ□ã,È,ç±,•Ÿ,đŽÀ□s,μ,Ü,·□B  
,‘A,μ‘É□í,ì Windows ,lfAfvfŠfP□[fvf†f“ ,Í ERRORLEVEL  
,đ•Ó,μ,Ü,¹,ñ,ì,Á□AŽÀ□s,μ,½Āã,ì ERRORLEVEL  
,đ²,x,Á,à□³□í,É<N“® ,Á,«,½,©,ç,æ,©,ì”»‘f,μ,©□s,È,!,Ü,¹,ñ□B  
,Ü,½ DOSfAfvfŠ,ì□—¹Āã,ì ERRORLEVEL,à□ACOMMAND.COMĀo—  
R,ì<N“® ,Æ,É,éŽ—,à, ,Á,Ä□A”»‘f,·,éŽ—,“™,Á,«,Ü,¹,ñ□B  
WinBatchEh ,Á,Í "IF %ERRORLEVEL%==1" ,ì,æ,æ  
,É,μ,Ä□AERRORLEVEL,Æ“™,μ,ç□é□†□A,Æ,ç,æ”»‘f,à%”Ä“\,Á,·□B,Ü,½”äŠr%  
%ŽŽq,àŽg—p,Á,«,Ü,·□B

## -ß,è‘I

, , ,è,Ü,¹,ñ□B

## —á

IF ERRORLEVEL 1 PAUSE

## ŽQ□I

ERRORLEVEL(ŸŸ’è,ŽQ□Æ)

## IF EXIST ftf@fCf<-¼ □`

ftf@fCf<,“ŸŸŸ,·,è,ì±,•Ÿ,đŽÀ□s,μ,Ü,·□B

ftf@fCf<-¼,ì□ĀĀã,É \ ,đŽw’è,·,é,Æ□AfffBfĀfNfgfŠ(ftfHf<f\_)  
,ì‘ŸŸŸ,ÍŠm”F,É,È,è,Ü,·□B\DIRNAME\NUL ,Æ,ç,æ— <Z“I,È•û-  
@,Á,ÍŠm”F,Á,«,È,ç□AUNC•ûŽ®(\\SERVER\SHARE-NAME\DIRNAME\  
,ì<L□q,Á,àffBfĀfNfgfŠ(ftfHf<f\_) ,ì‘ŸŸŸ,đŠm”F,Á,«,Ü,·□B

-ß,è'I

, , è, Ü, ¹, ñB

—á

IF EXIST DUMMY.\$\$\$ GOTO END

IF NOT EXIST \\SERVER\DATA\FOLDER\ MD \\SERVER\DATA\FOLDER

**IF EXISTWINDOW "fEfBf"fhfEf^fCfjf<"** □`

**IF EXISTWINDOWR "fEfBf"fhfEf^fCfjf<"** □`

WinBatchEh,Á'Ç%oÁ,³,ê,½"»'è,Á,·□BŽw'è,³,ê,½fEfBf"fhfEf^fCfjf<,ª'¶□Ý,·,ê,Í'±  
,·¶,ðŽÀ□s,µ,Ü,·□B

**EXISTWINDOW**,ÍŽw'è,³,ê,½fEfBf"fhfEf^fCfjf<,ð'O•û^ê'v,Ü,½,ÍĈĚã•û^ê'v,Á  
ĈĚŸ□ō,µ,Ü,·□B**EXISTWINDOWR**,ÍŽw'è,³,ê,½fEfBf"fhfEf^fCfjf<,ð□³Šm,È,·,x,Ä  
**,ì•¶Žš—ñ**,ÁĈĚŸ□ō,µ,Ü,·□B□Ú,µ,,Íf^fCfjf<ĈĚŸ□ō,ÍŽd—l,ð,²ŽQ□Ĉ,³/4,³,ç□B

,È, "□A,Ç,¿,ç,Ì□ê□‡,àCMPI,ÍŽw'è,µ,Ä,à-³Ž<,³,ê,Ü,·□B

-ß,è'I

, , è, Ü, ¹, ñB

—á

IF EXISTWINDOW "fyfCf"fg" GOTO BRUSH

IF EXISTWINDOW "- (-³'è)" GOTO BRUSH

IF EXISTWINDOWR "fyfCf"fgfuf%ofV - (-³'è)" GOTO BRUSH

**ŽQ□I**

FINDWND

**IF •¶Žš—ñ==•¶Žš—ñ** □`

•¶Žš—ñ,ª"™,µ,¯,ê,Í'±,·¶,ðŽÀ□s,µ,Ü,·□B

"==" ,ì'OĈĚã,ì'ó"" ,Í^Ó-i,ðŽ□,¿,Ü,·,ì,Á"Á,É^Ó-i,ª,È,¯,ê,Í'ó"" ,ð<ó,¯,·,É<L□q,µ,Ä,-  
,³/4,³,ç□B

<ó"" ,ðŠÜ,þ•¶Žš—ñ,â□A<ó,É,È,é%oÁ"\"□«,ª, ,é•¶Žš—ñ,Ĉ"äŠr,·,é□ê□‡,Í□A•¶Žš—  
ñŽw'è,ð "" ,Á^Í,Á,Ä,,³/4,³,ç□B

'â□- ,ì"äŠr,ð□s,È,¸□ê□‡,Í"äŠr%o%oŽŽŽq,àŽg—p,Á,«,Ü,·□B

-ß,è'I

, , è, Ü, ¹, ñB

—á

IF "%TEMP%"=="A:\ " SET TEMP=G:\

# ŽQ STR

## IF 'I1 "äŠr%%ŽŽq 'I2

□"l,Ü,½,í•¶Žš—ñ,ì"äŠr,ð□s,È,ç,Ü,·□B"äŠr%%ŽŽq,É,ÍŽÿ,ì,à,ì,äŽg—  
p,Å,«,Ü,·□B%%ŽŽq,ì'ŒĚã,íXfy□[fX,ð<ó,¯,ÄŽw'è,μ,Ä,,¾,³,ç□B

	<%%ŽŽq>	<^0-i>
( 'l1 == 'l2 )	EQU	'l1,Æ'l2,ª"™,μ,ç
= 'l2 )	NEQ	'l1,Æ'l2,ª"™,μ,,È,ç ( 'l1 !
( 'l1 < 'l2 )	LSS	'l1,ª'l2,æ,è□-,³,ç
( 'l1 <= 'l2 )	LEQ	'l1,ª'l2^È%º
( 'l1 > 'l2 )	GTR	'l1,ª'l2,æ,è'ã,«,ç
( 'l1 >= 'l2 )	GEQ	'l1,ª'l2^È□ã

'l,É,í□"l,Ü,½,í•¶Žš—ñ,ðŽw'è,Å,«,Ü,·□B□"l,ìŽw'è,ì□ê□#□A□"l%º  
%ºŽŽ,ìŽw'è,ª,Å,«,Ü,·(□"l,ìŽw'è•û-@)□B  
ŠĀ<<•í□",í% ,Å^í,í,É,,Ä,à"WŠJ,³,ê,Ü,·,ì,Å□A"Á,É•¶Žš—  
ñ,ì"äŠr,ð□s,È,æ□ê□#□AŠĀ<<•í□",É'è<`³,ê,Ä,ç,é,à,ì,Æ□d,È,ç,È,ç,æ,æ,  
,É<C,ð•t,¯,Ä,,¾,³,ç(•¶Žš—ñ,ì□æ"ª,Ü,½,í□ĀĚã,Éf~□[,ì•¶Žš,ð•t%ºÁ,·,é,±,Æ,Å  
%ºñ"ð,Å,«,é,©,ÆŽv,ç,Ü,·)□B

-ß,è'l  
, , è, Ü, ¹, ñ□B

—á  
IF %ERRORLEVEL% GTR 10 ECHO fGf%o□["□¶!  
IF %ERRORLEVEL% LSS 5+4 ECHO □³□í□l—¹  
IF COUNT LEQ 10\*2 GOTO LOOP  
IF "%STR%." GEQ "ABC." GOTO NEXT  
IF CMPI "%STR%." GTR "ABC." GOTO NEXT

IF WINBATCH==YES □`  
IF WINBAT32==YES □` (32frfbfgfo□[fWf#f" ,ì,Ý)  
WinBatchEh,Å'Ç%ºÁ,³,ê,½"äŠr•¶,Å,·□BWinBatchEh,ÄŽÀ□s't,È,ç'±,-  
•¶,ðŽÀ□s,μ,Ü,·□BDOS□ã,Å,í"»'è,ª<U,É,È,è,Ü,·,ì,Å'±,-  
•¶,ªŽÀ□s,³,ê,Ü,¹,ñ□B"¯,¶föbf` ,ðDOS□ã,ÆWinBatchEh□ã,ÄŽg,ç•ª,¯,é,Æ,«,ÉŽg  
—p,μ,Ä,,¾,³,ç□B

```
"WINBATCH" ,Í16/32frfbfg,Ì—¼•û,Å"»'è,ª□^,É,È,è,Û,·□B"WINBAT32"
,Í32frfbfgfo□[fWf†f" ,Í,Ý,Å"»'è,ª□^,É,È,è,Û,·□B
```

**-ß,è'I**

, , è, Û, ¹, ñ□B

**—á**

```
IF WINBATCH==YES ECHO WinBatchEh,ÅŽÀ□s't,Å,·
```

```
IF WINBAT32==YES ECHO WinBatchEh 32frfbfgfo□[fWf†f" ,ÅŽÀ□s't,Å,·
```

**IF CMPI □`**

**IF ICMP □`**

**IF /I □`**

```
WinBatchEh,Å'Ç%oÁ,³,ê,½fRf}f"fñ,Å,·□B'±,•¶Žš—ñ,ì"äŠr,ð'â□¬,ì
%op•¶Žš(A,Æa,È,Ç),ð<æ•É,¹,,É□s,É,†,Û,·□B
```

**-ß,è'I**

, , è, Û, ¹, ñ□B

**—á**

```
IF CMPI "%TEMP%"=="C:\ " SET TEMP=G:\
```

```
IF NOT CMPI "%TEMP%"=="G:\ " SET TEMP=G:\
```

```
IF NOT /I "%TEMP%"=="G:\ " SET TEMP=G:\
```

**IF NOT □`**

```
□ã<L,ì"»'è,ð<t,É,µ,Û,·□B□ðÇ□"»'è,ª□³,µ,,É,†,Æ,«,É'±,•¶,ªŽÀ□s,³,ê,Û,·□B
```

**-ß,è'I**

, , è, Û, ¹, ñ□B

**—á**

```
IF NOT "%TEMP%"=="G:\ " SET TEMP=G:\
```

**ŽQ□I**

IF(□\ 'ç%o»)

## GOTO LABEL

LABEL, Ìs, ÉfWffff“fv, µ, Ü, ·Bf%ofxf< s, Íæ“<sup>a</sup>, Ég: h(fRf“f“)  
, ð•t, , Äg: LABEL h, l, æ, x  
, É<Lq, µ, Ü, ·B, È, “A’â, «, Èfofbf`ftf@fCf<, Ìl, í, è, Ì•ù, Ìs, É, í, ½, Ç, è’ ..., Ì, ÉžžŠÔ, <sup>a</sup>•K  
—v, É, È, è, Ü, ·B

f%ofxf<-  
¼, ÍWinBatchEh, Å, Í500•ŕŽš^Ê, Ü, Åžg, j, Ü, ·, ðADOS, Ìfofbf`ftf@fCf<, Å, ÍÅ’â8•ŕŽš  
, Ü, Å, Ì”FŽ”, Æ, È, Á, Ä, ç, Ü, ·, µA, » , ê^Ê, Åžg, Á, ½•ù, <sup>a</sup>“®l, à’x, , É, ç, È, , Ä—Ç, ç  
, ©, ÆŽv, ç, Ü, ·Bf%ofxf<-¼, Í’â•ŕŽšl—•ŕŽš, <sup>a</sup><æ•Ê, <sup>3</sup>, ê, Ü, <sup>1</sup>, ñB

f%ofxf<, ðREM, Ì’ã, í, è, ÉfRf“fg s, Æ, µ, Äžg—p, ·, é, Ì, ÍWinBatchEh, Å, à—  
LCEø, Éžè’i, Å, ·BREM, Æ^á, çfŠf`fCfÆfNfg^—  
l, <sup>a</sup>s, É, í, ê, Ü, <sup>1</sup>, ñ, µAREM, æ, èfRf“fg s, Æ, µ, Ä, Ì^—l, <sup>a</sup>žáš±’—, , È, è, Ü, ·B

": \_DEFAULT\_ ", Æ, ç, x f%ofxf<, <sup>a</sup>žÀ s’t, Ìfofbf`ftf@fCf<, É’ŕlÝ, ·, éê±, ÍAGOTO, Å, Ìf  
%ofxf<, <sup>a</sup>CE ©, Ä, ©, ç, È, çê±, ÉfGf%o[l, É, È, ç, , ÉA, ±, Ìf  
%ofxf<, Ìs, ÉfWffff“fv, ðs, È, ç, Ü, ·B

**-ß, è’l**  
, , è, Ü, <sup>1</sup>, ñB

**—á**  
GOTO END  
:  
:END

**žQl**  
GOSUB

## FOR •İ□" IN (...) DO ŽÀ□sfRf}f"fh(fofbf`fRf}f"fhŒÝŠ·)

ŒJ,è•Ô,µŽÀ□s,ð□s,È,ç,Ü,·□BDOS ,ìfofbf`fRf}f"fhŒÝŠ·,ì FOR ,Å,·□B

•İ□",É,Í %%A ,â %%Z ,Æ,ç,Á,½•¶Žš—ñ,ðŽg—p,µ□A,±  
,ê,ç,ì•İ□",ðŽÀ□sfRf}f"fh"à,ÅŽw'è,·,é,±,Æ,É,æ,è□A(...),ì"à—  
e,Æ'u,«Š·,ì,ç,ê,ÅŽÀ□s,ª□s,È,í,ê,Ü,·□B

(...),É,Í•¶Žš—ñ<y,Ñf□fCf<fhfj□[fh(\*,?),ðŽg—p,µ,½ftf@fCf<-  
¼□Af□fCf<fhfj□[fh,ì□ÅŒã,É\,ðŽw'è,µ,ÄffBfŒfNfgfŠ(ftfHf<f\_)-  
¼□A□æ"ª,É@f}□[fN,ðŽw'è,µ,Äftf@fCf<"à,ì□s,ì"Ç,Ý□ž,Ý,ªŽg—  
p,Å,«,Ü,·□B•İ□",ìfpf%of□□[f^□[ðŽw'è,·,é,Æ,«,É,ìfXfy□[fX,©fj"fh}(.)  
,Å<æ□Ø,è,Ü,·□B,Ü,½fìfvfVf†f",ðŽw'è,·,éž-,É,æ,è□Af<□[fv□^—□,à□s,È,ì,Ü,·□B

1. •¶Žš—ñ,ìŽw'è  
—á: FOR %%A IN (ABC DEF GHI) DO ...  
(%%A ,É,Í ABC, DEF, GHI ,ª□†,ÉŠi"[,³,ê,é)
2. f□fCf<fhfj□[fh,ìŽw'è('È□íftf@fCf<)  
—á: FOR %%A IN (\*.TXT \*.DOC) DO ...  
(%%A ,É,Í Šg'£Žq,ª TXT, DOC ,ì'È□íftf@fCf<,ªŒÝ□ð,³,ê,ÄŠi"[,³,ê,é)
3. f□fCf<fhfj□[fh,ìŽw'è(fffBfŒfNfgfŠ1)(--"ö,É \ ,ðŽw'è)  
—á: FOR %%A IN (C:\WINDOWS\\*.\*) DO ...  
(%%A ,É,Í C:\WINDOWS"à,ìfffBfŒfNfgfŠ,ªŒÝ□ð,³,ê,ÄŠi"[,³,ê,é)
4. ftf@fCf<"à,ì□s,ð□†,É"Ç,Ý□ž,Ý(ftf@fCf<-¼,ì□æ"ª,É @ ,ðŽw'è)  
—á: FOR %%A IN (@FILENAME.LST) DO ...  
(%%A ,É,Í FILENAME.LST ftf@fCf<"à,ì□s,ª□†,É"Ç,Ý□ž,Ü,ê,ÄŠi"[,³,ê,é)
5. f□fCf<fhfj□[fh,ìŽw'è(fffBfŒfNfgfŠ2)/(D fìfvfVf†f",ðŽw'è)  
—á: FOR /D %%A IN (C:\WINDOWS\\*.\*) DO ...  
(%%A ,É,Í C:\WINDOWS"à,ìfffBfŒfNfgfŠ,ªŒÝ□ð,³,ê,ÄŠi"[,³,ê,é)
6. Žw'è,³,ê,½"í'í,ì'l,ð□†,ÉŠi"[(/L fìfvfVf†f",ðŽw'è)  
□'Ž®: FOR /L %%A IN (ŠJŽn,·,é'l,f□□[fv-^,É'□Œ,³,¹,é'l,□l—¹,·,é'l) DO ...  
—á1: FOR %%A IN (1,1,10) DO ...  
(%%A ,É,Í 1,©,ç 10,ì'l,ª□†,ÉŠi"[,³,ê,é)  
—á2: FOR %%A IN (10,-1,1) DO ...  
(%%A ,É,Í 10,©,ç 1,ì'l,ª□†,ÉŠi"[,³,ê,é)  
—á3: FOR %%A IN (1,5,12) DO ...  
(%%A ,É,Í 1,©,ç 12,ì'l,ª5,,Å'□%oÁ,µ,Ä□†,ÉŠi"[,³,ê,é)  
(□;ŽÀ□Ù,ÉŠi"[,³,ê,é,ì,í 1 6 11 ,É,È,è,Ü,·)

1□`4,ìŽw'è,ìŠ†ŒÈ"à,ÅŽ©—R,É'g,Ý□†,í,¹,ÄŽg—p,·,é,±,Æ,ª,Å,«,Ü,·□B

WinBatchEh,Á,Ífofbf` ,ì“à•”□^—□,ÉŽg,í,ê,é•¶Žš,ì“ü,Á,½•¶Žš—  
ñ,ð^μ,π□ê□‡,Í□A\$(%oöpŽš),ìCE`Ž®,Á•í□”,ìŽQ□Æ,à□s,È,ì,Ü,·□B

FOR•¶“à,ÁFOR•¶,ðŽg—p,·,é(“ü,êŽq,É,·,é),±,Æ,Í,Á,«,Ü,<sup>1</sup>,ñ□B

**-ß,è'l**

, , ,è,Ü,<sup>1</sup>,ñ□B

**—á**

```
FOR %%A IN (1 2 3 4 5) DO COPY FILENAME.%%A B:  
FOR %%A IN (BatchList *.BAT) DO ECHO %%A  
FOR %%A IN (C:\USR\*.*\ D:\LIB\*.*) DO RMDIR %%A  
FOR %%A IN (@C:\TMP\FILELIST.TXT) DO MORE %%A  
FOR /L %%A IN (1,2,10) DO ECHO %%a>>FILE.DAT  
FOR %%A IN (@C:\TMP\DATA.TXT) DO PRINTF "%%40s\n" $(A)>>FILE.DAT
```

**ŽQ□l**

FOR(□\‘¢%oo»)



## SHIFT [/□'''I]

f of b f ` , l f p f % o f □ □ [ f ^ □ [ , ð □ ¶ , É f V f t f g , μ , Ü , · □ B , Â , Ü , è % 0 , É % 1 , ì " à — e , ª □ A % 1 , É , í % 2 , ì " à — e , Æ , ç , x , æ , x , É □ A □ ‡ , É □ ¬ , º , È " Ô □ † , É ^ Ú " ® , μ , Ü , · □ B % 0 , ì " à — e , í □ í □ œ , º , è , Ü , · □ B

/□'''I, ð Ž w ' è , · , é , Æ Ž w ' è , ì ^ ø □ " , © , ç f V f t f g , ð Š j Ž n , μ , Ü , · □ B — á , ï , î / 2 , ð Ž w ' è , · , é , Æ □ A % 0 , % 1 , í • í □ X , º , è , □ A % 2 ^ È □ ~ , ï , Ý , º f V f t f g , ì ' ï □ Ú , Æ , È , è , Ü , · □ B

**-ß, è ' I**

, , è , Ü , º , ñ □ B

**—á**

SHIFT

SHIFT /3

**ŽQ □ I**

% □ ''' I

## EXIT

fofbf`ftf@fCf<,©,ç"²,¯,Ü,·□B

-ß,è'l

, ,è,Ü,¹,ñ□B

—á

EXIT



**CALL fojbf`ftf@fCf<-¼ [fojbf` ,Ö,ìjpf%of[]f^[]]**

fojbf`ftf@fCf<,ðŒÄ,Ñ[]o,µ,Ü,·[]B•K,Šg'£Žq,àŽw'è,µ,Ä,,¾,¾,ç[]B  
fojbf`ftf@fCf<,ÍPATH"à,ìŒÿ[]ö,ì[]s,È,í,ê,Ü,<sup>1</sup>,ñ[]BjffŒf"fgfffBfŒfNfgfŠ^ÈŠO,ìfojbf`  
ftf@fCf<,ðŒÄ,Ñ[]o,·[]ê[]‡,ìftf<fpfX,ÅŽw'è,µ,Ä,,¾,¾,ç[]B

ŒÄ,Ñ[]o,µ,½fojbf` ,<sup>a</sup>[]l—<sup>1</sup>,·,é,Æ[]AŒ<sup>3</sup>,ìfojbf` ,ìŽÿ,ì[]s,É[]ŒŒä,<sup>a</sup>-ß,è,Ü,·[]B

**-ß,è'l**

ŒÄ,Ñ[]o,µ,½fojbf` ,Å[]ÅŒä ,É[]Ý'è, <sup>3</sup> ,ê,½ERRORLEVEL ,Ì' l

**—á**

CALL SUB.BTW

CALL SUB.BTW 1 2 3 4 5

**ŽQ[]**

ftf@fCf<,ðŽÀ[]s (fojbf`ftf@fCf<,ì[]ØŠ·)

BTWPATH

## BTWPATH fpfX-¼

f ofbf`ftf@fCf<, ðCEŸ[]õ, ·, éfT[]f` fpfX, ì[]Ý'è, ð[]s, È, ç, Ü, ·[]B

BTWPATH, ð[]Ý'è, ·, é, Æ[]A f ofbf`ftf@fCf<, ðCEÄ, Ñ[]o, ·, Æ, «, É[]A f j fCEf“fgf p fX, É'¶[]Ý, µ, È, ¯, ê, Ì[]ABTWPATH“à, Ì f p fX, ðCEŸ[]õ, µ, Ü, ·[]B

f p fX-¼, ì[]Ý'è, Í ; (fZf~fRf[]f“), Å<æ[]Ø, Á, Ä•;[]”, Ì f p fX, ð[]Ý'è, ·, é, ±, Æ, ª, Å, «, Ü, ·[]B<ó””, ðŠÜ, P f p fX-¼, Í[]A, » , Ì f p fX-¼, ·, x, Ä, ð "" , Å^Í, Á, Ä, , ¾, ¾, ç[]B

BTWPATH, ì[]Ý'è, ð[]í[]œ, ·, é[]ê[]‡, Í[]A f p fX-¼, É ; (fZf~fRf[]f“), Ì, Ý, ðŽw'è, µ, Ä, -, ¾, ¾, ç[]B

, È, ¯[]ABTWPATH, ì[]Ý'è, ÍŠÂ««•Ì[]” BTWPATH  
, É[]s, È, Í, ê, Ü, ·, Ì, Å[]A WinBatchEh<N“®'O, É, , ç, ©, ¶, ß, ±, ÌŠÂ««•Ì[]”, É f ofbf`CEŸ[]õ f p fX, ð[]Ý'è, µ, Ä, ¯, ±, Æ, à%oÄ“\, Å, ·[]B

**-ß, è'Í**

, , è, Ü, ¹, ñ[]B

**—á**

BTWPATH C:\BATFILES;"C:\Program Files\WinBatchEh"  
BTWPATH ;

**ŽQ[]Í**

SET

ftf@fCf<, ðŽÀ[]s (f ofbf`ftf@fCf<, ì[]ØŠ·)

CALL

## CLS

fofbf`ŽÀ□sfEfbf“fhfE,ì“à—e,đ□Á<Ž,μ,Û,·□B

**-ß,è'l**

, ,è,Û,¹,ň□B

**—á**

CLS

**DIR [/P] [/W] [/B] [/L] [/S] [/An] [Äb×²ìp:] [Êß½] [Ï§²Û-¼]**

fffBfÇfNfgfŠ, ì“à—e, ð•\Žì, μ, Û, ·□B

^È%º, ìfìfvfVf†“ , âŽw’è, Å, «, Û, ·(fìfvfVf†“ <y, Ñftf@fCf<-  
¼, ÆfìfvfVf†“ , ÌŠÏ, ìfXfy□[fX, ð<ó, ¯, Ä, , ¾, ¾, ç)□B

[Äb×²ìp:] [Êß½] [Ï§²Û-¼]      ^ê—•\Žì, , ³, ¹, éfhf  
%fCfu□EfffBfÇfNfgfŠ□Eftf@fCf<, ðŽw’è, μ, Û, ·□B  
/P                      ^ê%æ-Ê, ², Æ, É’âŽ~, μ, Ä•\Žì, μ, Û, ·□B  
/W                      f□fCfh^ê—Ç`Ž®, Ä•\Žì, μ, Û, ·□B  
/B                      fffBfÇfNfgfŠ-¼, Æftf@fCf<-¼, ¾, ¯, ð•\Žì, μ, Û, ·□B  
/L                      □-•¶Žš, Ä•\Žì, μ, Û, ·□B  
/S                      fTfuffBfÇfNfgfŠ“à, à•\Žì, μ, Û, ·□B  
/An                      Žw’è, μ, ½’®□« , Ìftf@fCf<, ð•\Žì, μ, Û, ·□B

n= D: fffBfÇfNfgfŠ                      R: “Ç, Ý, Æ, è□ê-  
p                      H: %B, μftf@fCf<                      S: fVfXfef€ftf@fCf<                      A: fA□[fJfCfu  
- : , » , Ì’®□« ^ÈŠ0

, ±, ê^ÈŠ0, ìfìfvfVf†“ (/O, /C), âfXfCfbf` , ì’Á, ÿ□Á, μ□AŠÂ«•ĭ□“DIRCMD, ìftfj  
□[fg, ¾, ê, Ä, ç, Û, ¹, ñ, Ì, Ä, ²’□Ó, , ¾, ¾, ç)□B

**/An**, ÌDOS, ÌDIRfRf}f“fh, Æ, ÌŽáŠ±Žd—l, â^Û, È, é•”•ª,ª, , è, Û, ·□BWinBatchEh  
Ver.1.24^È□~ , Ä, Ì, Û, Æ, ñ, Ç““™ , É, È, è, Û, μ, ½,ª□A, ±  
ì, ½, ß<t, É^È’O, ìfo□[fWf†“ , Æ, ÌŽáŠ±“®□ì, â^Û, È, è, Û, ·□B

**/B, Æ/S**, ð-¼•ûŽw’è, ·, é, Æ□A, ·, x, Ä, ìftf@fCf<, ðftf<fpfX, Ä•\Žì, μ, Û, ·□B, ½, Æ, Ì, Ì  
"DIR /B /S /A-D>FILELIST"  
, Æ, ·, ê, Ì□A, ·, x, Ä, ìfm□[f}f<ftf@fCf<, Ì, Ý, ðftf<fpfX, Äftf@fCf<, É□o—Ì, ·, é, ±  
, Æ,ª, Ä, «, Û, ·□B

**-ß, è’l**  
, , è, Û, ¹, ñ□B

**—á**  
DIR  
DIR A:  
DIR A:\BIN  
DIR A:\BIN\\*.COM

**A: ,È,Çfhf%ofCfu-¼,ì,Ý**

fjſŒf“fgfhf%ofCfu,đ•İX,μ,Û,·B

**-ß,è'I**

0 255

fAfNfZfX%Â“\,Èfhf%ofCfu”

**—á**

A:

**ŽQI**

CHDIR, CD



**CHDIR [ffffBfCefNfgfŠ-¼]**  
**CD [ffffBfCefNfgfŠ-¼]**

fjfCef“fgfffBfCefNfgfŠ,ì•ïX,Ü,½,lfjfCef“fgfffBfCefNfgfŠ,ì•\Ž!,ðs,È,ç,Ü,·B

**-ß,è'l**

0

³íI-1

1

fGf%[

**—á**

CHDIR

(fjfCef“fgfffBfCefNfgfŠ,ð•\Ž!)

CHDIR A:

(A:,lfjfCef“fgfffBfCefNfgfŠ,ð•\Ž!)

CD A:\BIN

(A:,lfjfCef“fgfffBfCefNfgfŠ,ð•ïX)

**ŽQl**

DRIVE:

CDD

PUSHD/POPD

MKDIR, MD

RMDIR, RD



**RMDIR [/S] [/Q,/Y] fffBfCEfNfgfŠ-¼**  
**RD [/S] [/Q,/Y] fffBfCEfNfgfŠ-¼**

fffBfCEfNfgfŠ(ftfHf<f\_),ìííœ,ðs,È,ç,Ü,·B

^È%º,ìfifvfVfþ“,Žw'è,Å,«,Ü,·(fifvfVfþ“<y,Ñ•ŕŽš—  
ň,ÆfifvfVfþ“,ìŠŌ,ífXfy[fX,ðó,¯,Ä,,¾,¾,ç)B

/S

Žw'è, ÌffffBfCEfNfgfŠ't,Éftf@fCf<,âfTfufffBfCEfNfgfŠ,ª'ŕíÝ,µ,Ä,àííœ  
,µ,Ü,·B

/Q, /Y /S,ðŽw'èŽž,ÉŠm"F,Ìf[]fbfZ[]fW,ð•\Ž|,µ,Ü,¹,ňB

/

S,ðŽw'è,·,é,ÆAŽw'è,µ,½fffBfCEfNfgfŠ“à,Éftf@fCf<,âfTfufffBfCEfNfgfŠ,ª'ŕíÝ,µ,  
Ä,àííœ,¾,ê,Ü,·B/

S,ðŽw'è,µ,È,¯,ê,îAffffBfCEfNfgfŠ“à,Éftf@fCf<,âfTfufffBfCEfNfgfŠ,ª'ŕíÝ,·,é,Æ,«,É,  
íííœ,¾,ê,Ü,¹,ňB

/Q,Ü,½,í/Y,ðŽw'è,·,é,ÆA/S,ðŽw'è,µ,½êþ,ÉAííœ,µ,Ä—ç,ç,©,ç,ç  
,©,ìŠm"F,ªs,È,í,ê,Ü,¹,ňB

**-ß,è'l**

0  
1  
21  
255

íííI-¹  
ííœfGf%[]  
ft[]fU[],É,æ,é't'f(/S Žw'èŽž)  
fpf%[]f^[],ª•s'«

**—á**

RMDIR TEST  
RD C:\TEST\FOO  
RMDIR /S C:\TMP\TEST  
RMDIR /S /Q C:\WORK

**ŽQ[]l**

MKDIR, MD  
CHDIR, CD  
DEL, ERASE

## CDD fhf%oCfu:fffBfCEfNfgfŠ

fhf%oCfu,ì^Ú“® ,ÆfjffCEf“fgfffBfCEfNfgfŠ(ftfHf<f\_),ì•İ□X,đ□s,È,ç,Û,·□B

-ß,è'I  
0  
1

□<sup>3</sup>□í□I-<sup>1</sup>  
fGf%□[

—á  
CDD C:\WINUTY

**ŽQ□I**  
DRIVE:  
CHDIR, CD  
PUSHD/POPD

## **PUSHD [fhf%oCfu:] [fffBfCefNfgfŠ] POPD**

fhf%oCfu, î^Ú“ ®, ÆfjCef“fgfffBfCefNfgfŠ(ftfHf<f\_), ì•ïX/•œ<A, ðs, È, ç, Ü, ·B

PUSHD, ífhf%oCfu Af ffBfCefNfgfŠ, î^Ú“ ®, ðs, È, ç, Ü, ·B

POPD, ífjCef“fgfhf

%oCfu Af ffBfCefNfgfŠ, ðA'¼'O, ÉPUSHD, ðŽÀs, μ, ½ŽŽ, ìfjCef“fgfhf

%oCfu Af ffBfCefNfgfŠ, É^Ú“ ®, μ, Ü, ·B

PUSHD/POPD, ìî•ñ, ì•Û'¶, íŠÂ<<•ï” (\_DIR\_STACK), És, È, í, ê, Ü, ·B

PUSHD, ¾, -, ð~A'±, μ, ÄŽÀs, ·, é, ±, Æ, à%oÄ”\, Å, ·, ¢ASÂ<<•ï”, ìÅ'â, ì'·, ³(-

ñ500•¶Žš), ð%oz, †, é, ±, Æ, í, Å, «, Ü, ¹, ñ(fGf%o[É, È, è, Ü, ·)B

**-ß, è'l**

0

³íI-¹

1

fGf%[

**—á**

PUSHD A:

PUSHD C:\WINUTY

POPD

**ŽQ**

DRIVE:

CHDIR, CD

CDD

**COPY [/F] [/U] [/Z] [/TS] [/TD] [/S] [/E] [/I] [/R] [/H] [/K] '—,è'α [Žó, 'α]**

ftf@fCf<,lfRfs[][,ðs,È,ç,Ü,·□B'—,è'α,Å,lf tf@fCf<-¼,Éf[]fCf<fhfj[]fhŽw'è,ðŽg—  
p,Å,«,Ü,·□B,Ü,½fffBfÇfNfgfŠ(ftfHf<f\_),âfhf%ofCfu-¼,ì,Ý,àŽw'è,Å,«,Ü,·□B  
,È,“□A^È%º,ì[]\$ÇÈÀ,ª, ,è,Ü,·□B

- o Žó, 'α,É,·,Å,É“—¼,lf tf@fCf<,ª'¶[]Ý,μ,Ä,à%ž“š,È,μ,Å[]ã[]',«,³,è,Ü,·□B
- o []g+[]h,É,æ,éftf@fCf<,ì~ACE<,ì,Å,«,Ü,¹,ñ(TYPEfRf}f“fh,ðŽg—p,μ,Ä,,¾,³,ç)□B
- o Žó, 'α,Éf[]fCf<fhfj[]fh,ðŽg—p,·,é,±,Æ,ì,Å,«,Ü,¹,ñ□B
- o •W[]€fffofCfX,ì NUL ^ÈŠO,lf Tf[]f[]fg,μ,Ä,ç,Ü,¹,ñ□B
- o fRfs[][,³,è,½ftf@fCf<,ì'®[]<,lfm[]f}f<("Ç,Ý[]',«%Å),É,È,è,Ü,·□B

^È%º,lf fvfVfj“ ,ªŽw'è,Å,«,Ü,·(f fvfVfj“<y,Ñ•¶Žš—  
ñ,Æf fvfVfj“ ,ìŠÓ,lfXfy[]fX,ð<ó, ,Ä,,¾,³,ç)□B

/F fVfXfef€ ,ÌfGf%[][,ð•\Ž! ,μ,Ü,¹ ,ñ□B  
/U

ftf@fCf<,Ìf^fCf€fXf^f“fv,ð”äŠr,μ,ÄfAfbfvf[]f[]fgfRfs[][,ðs,È,ç  
,Ü,·□B

/Z Microsoft  
^³[]kft[]f[]f[]BfŠf[]B,Å^³[]k,³,è,½ftf@fCf<,ð“WŠJ,μ,Ü,·□B(LZEXPAND)

/TS '—,è'αftf@fCf<,Ì[]Å[]IfAfnfZfXŽž[][],ð[]X[]V,μ,Ü,¹ ,ñ□B

/TD Žó, 'αftf@fCf<,Ì[]ì[]-Žž[][],Æ[]Å[]IfAfnfZfXŽž[][],ð'—  
,è'αftf@fCf<,É[]‡,¹,Ü,·□B

/S fffBfÇfNfgfŠ,ðŠÜ,ß,ÄfRfs[][,ðs,È,ç  
,Ü,·( <ó,ÌfffBfÇfNfgfŠ,ÍfRfs[][,³,è,Ü,¹,ñ)□B

/E <ó,ÌfffBfÇfNfgfŠ,ðŠÜ,ß,ÄfRfs[][,ðs,È,ç,Ü,·□B

/I Žó, 'α,ðfffBfÇfNfgfŠ,Æ,μ,Ä^—

[],μ,Ü,·(fffBfÇfNfgfŠ,ª'¶[]Ý,μ,È, ,è,Ì[]ì[]-,³,è,Ü,·)□B

/R Žó, 'α

,ÉfŠ[]f[]fhfIf“fŠ[][,Ìftf@fCf<,ª,·,Å,É'¶[]Ý,μ,Ä,à[]ã[]',«,μ,Ü,·□B  
/H

'—,è'α,ì%B,μ/fVfXfef€'®[]<,Ìftf@fCf<,àfRfs[][,Ì'Î[]Û,Æ,μ,Ü,·□B

/K '—,è'α,Æ“—,¶'®[]<,ðŽó, 'α,Ìftf@fCf<,É[]Ý'è,μ,Ü,·□B

/F,ðŽw'è,·,é,Æfhf%ofCfu,Éftf[]fbfs[][,ª“ü,Á,Ä,È,ç[]ê[]‡,â<α—  
L^á”½,ª<N,«,½[]ê[]‡,lfVfXfef€,lfGf%[][]f[]fbfZ[]fW,ð—}Ž~,μ,Ü,·("EXECUTEWND  
ERROFF" ,ì[]ó'Ó,Å, ,è,lfGf%[][,ª<N,«,Ä,à'S,Ž~,Ü,ç,È,ç,±,Æ,É,È,è,Ü,·)□B

/U,ðŽw'è,·,é,Æ'—,è'α,ÆŽó, 'α

,Å“—,¶ftf@fCf<,ª'¶[]Ý,·,é[]ê[]‡[]Aftf@fCf<,lf^fCf€fXf^f“fv,ð”äŠr,μ,Ä[]AŽó, 'α  
,ª“—,¶,©[]V,μ, ,è,lfRfs[][,ðs,È,ç

,Ü,¹,ñ□B,½,¾,μ•[]'É,ÉfRfs[][,ðs,È,Á,½,Æ,«,Æ“—,¶,æ,α,Éftf@fCf<-¼,ì\  
Ž!,ìs,È,ì,è,Ü,·(fjEf“fg,lfRfs[][,ðs,È,Á,½ftf@fCf<[]",ð•\Ž!,μ,Ü,·)□B,È,“□A/U2  
,ðŽw'è,·,é,ÆfRfs[][,·,éftf@fCf<,ì,Ý,ð•\Ž!,μ,Ü,·□B

/Z,đŽw'è,·,é,ÆMicrosoft

^3□kft□[fefBfŠfefB,ìCOMPRESS.EXE,Å^3□k,³,è,½ftf@fCf<,Å, ,è,î□Afrfs□[□æ,É,í“  
WSJ,µ,½“à—e,Åftf@fCf<,đ□□□,µ,Ü,·□B^3□k,³,è,Å,É,çftf@fCf<,Å,±  
,ìf|fvfVf#f“ ,đŽw'è,µ,Å,à□A•□'É,ìfrfs□[ ,²□s,È,í,è,Ü,·□B

/TS,Æ/TD,í32frfbfgfo□[fWf#f“ ,Åftf@fCf<fvfXfef€,²NTFS,ìŽž,ì,Ý—LCEø,Å,·□B

/TS,í—,è'æftf@fCf<,ì□Å□IfAfNfZfXŽž□□,đ•í□X,µ,Ü,¹,ñ□B'É□ífrfs□[ ,đ□s,È,æ  
,Æ□Aftf@fCf<,Ö,ì□Å□IfAfNfZfXŽž□□,²□X□V,³,è,Ü,·,²□A/

TS,đ•t,¯,é,ÆCE³,ìŽž□□,ì,Ü,Ü,É,È,è,Ü,·□B

/TD,ìŽó,¯'æftf@fCf<,ì□□□—Žž□□,Æ□Å□IfAfNfZfXŽž□□,đ□A'—

,è'æftf@fCf<,ìŽž□□,Æ“¯,¶,É,µ,Ü,·□B'É□í,ìfrfs□[ ,³,è,½□□□—Žž□□,Æ□Å□IfAfNfZfXŽž  
□□,ì□A,» ,ìŽž,ìfvfXfef€,ìŽž□□,É,È,è,Ü,·□B,È,“□A/TD,Å,í—

,è'æftf@fCf<,ì□Å□IfAfNfZfXŽž□□,đ•Ü'¶,µ,Ü,¹,ñ,ì,Å□A•K—v,È,ç,î/TD,Æ/TS,ì—  
¼•û,đŽw'è,µ,Å,,¾,³,ç□B

/S□A/E,đŽw'è,·,é,Æ□AfffBfCEfNfgfŠ,đŠÜ,ß,Äfrfs□[ ,đ□s,È,ç,Ü,·□B/

S,Å,ìftf@fCf<,²'¶□Ý,µ,È,çfffBfCEfNfgfŠ,ìfrfs□[ ,³,è,Ü,¹,ñ□B/

E,í,·,×,Ä,ìfffBfCEfNfgfŠ,đfrfs□[ ,µ,Ü,·□B

/I,đŽw'è,·,é,Æ□AŽó,¯'æ,đfffBfCEfNfgfŠ,Æ,µ,Ä□^—

□,µ,Ü,·□BŽw'è,µ,½fffBfCEfNfgfŠ,²'¶□Ý,µ,È,¯,è,î□□□,³,è,Ü,·□B

/R,đŽw'è,·,é,Æ□AŽó,¯'æ

,ÉfŠ□[fhf|f“fŠ□[ ,ìftf@fCf<,²,·,Å,É'¶□Ý,µ,Ä,à□ă□',« ,µ,Ü,·□B,±

,ìf|fvfVf#f“ ,đŽw'è,µ,È,ç□ê□#□AŽó,¯'æ,ÉfŠ□[fhf|f“fŠ□[ ,ìftf@fCf<,², ,é,ÆfGf  
%□□[ ,É,È,è,Ü,·□B

/H,đŽw'è,·,é,Æ□A'—,è'æ,ì%□B,µ/

fVfXfef€'®□« ,ìftf@fCf<,àfrfs□[ ,ì'î□Ü,Æ,µ,Ü,·□B,±,ìf|fvfVf#f“ ,đŽw'è,µ,È,¯,è,î□A,±  
,è,ç,ìftf@fCf<,ìfrfs□[ ,ì'î□Ü,Æ,È,è,Ü,¹,ñ□B

/K,đŽw'è,·,é,Æ□A'—,è'æ,Æ“¯,¶'®□« ,đŽó,¯'æ,ìftf@fCf<,É□Ý'è,µ,Ü,·□B,±

,ìf|fvfVf#f“ ,đŽw'è,µ,È,¯,è,î□AŽó,¯'æ,í—,è'æftf@fCf<,ì'®□« ,ÉŠÖCEW,È,-  
□Afm□[f]f'®□« ,É,È,è,Ü,·□B

WinBatchEh,ìCOPYfrf}f“fh,Å,í '+'

,É,æ,éftf@fCf<,ì~ACE,²,Å,« ,Ü,¹,ñ□Bftf@fCf<,ì~ACE<,đ□s,È,ç

,½,ç□ê□#□ATYPEfrf}f“fh,ìfŠf\_fCfCEfNfg□o—í,đŽg—p,·,è,î%□A“\

,Å,·,ì,Å□ATYPEfrf}f“fh,đŽg—p,µ,Å,,¾,³,ç□B

-ß,è'í

0

□³□í□I—¹

1

'—,è'æftf@fCf<,ìfGf%□[

2

Žó,¯'æftf@fCf<,ìfGf%□[

10 '—,è' α  
,ÆŽó, - 'αftf@fCf<, @“- ,¶ftf@fCf<-¼  
20 ft□[fU□[,É,æ,é't'f  
100 (/ZŽž,İ,Ý)LZEXPAND,Å,İfGf%□[  
252 f□f,fŠ□[, @•s'«  
255 fpf%f□□[f^□[, @•s'«

—á

COPY A:\FILENAME.TXT B:\  
COPY FILENAME.TXT FILENAME.BAK  
COPY /TS A:\BIN B:\  
COPY /Z A:\SETUP.IN\_ B:\SETUP.INF  
COPY /S C:\WORK1 D:\WORK2

ŽQ□I

TIMESTAMP

DEL, DELETE

EXECUTEWND OFF, EXECWND OFF



**REN <Āftf@fCf<-¼ ĀVftf@fCf<-¼**  
**RENAME <Āftf@fCf<-¼ ĀVftf@fCf<-¼**

ftf@fCf<-¼/fffBfĀfNfgfŠ(ftfHf<f\_-)¼,ì•ïĀX,ðĀs,È,ċ,Û,·ĀB

DOS,ìRENfRf}f“fh,Æ^á,ċĀAfffĀf“fg^ÈŠO,ìfhf%oofCfu<y,ÑfffBfĀfNfgfŠ,ìftf@fCf<-¼,ð•ïĀX,·,éĀêĀċ,íĀVftf@fCf<’α,àfhf  
%oofCfuĀEfffBfĀfNfgfŠ,ð•t,̄,½ftf<fpfX,ÅŽw’è,μ,Ä,,¾,¾,ċĀB  
“~^êfhf%oofCfu,Å, ,ê,ìfffBfĀfNfgfŠŠÓ,ì^Ū“® (MOVE),à%oÅ”\,Å,·ĀB

,È,̄ĀfĀfCf<fhfĀĀfh,íŽg—p,Å,«,Û,¹,ñĀB

**-ß,è'l**

0	Ā³ĀíĀI-¹
1	fGf%Ā[
255	fpf%ĀĀĀ[f^Ā[, ð•s ‘«

**—á**

REN FILENAME.TXT FILENAME.BAK  
REN A:\TXT\FILENAME.TXT A:\TXT\FILENAME.BAK  
REN A:\TXT\FILENAME.TXT A:\OLD\FILENAME.OLD  
REN A:\FOLDER1 A:\FOLDER2  
REN A:\FOLDER1 A:\NEW\FOLDER1

**ŽQĀI**  
COPY

**DEL [/Q,/Y] [/F] [/S] [Äb×²İP:] [Êß½] Ì§²Ü-¼**  
**ERASE [/Q,/Y] [/F] [/S] [Äb×²İP:] [Êß½] Ì§²Ü-¼**

ftf@fCf<, Ìííœ, ðs, È, ç, Ü, · □B

^È%ºº, ÌfİfvfVf†f“, ðŽw’è, Å, «, Ü, · (fİfvfVf†f“ <y, Ñftf@fCf<-  
¼, ÆfİfvfVf†f“, ÌŠÔ, ÌfXfy □ [fX, ð<ó, -, Å, , ¾, ¾, ç) □B

[Äb×²İP:] [Êß½] Ì§²Ü-¼ □ííœ, ·, éftf@fCf<, ðŽw’è, µ, Ü, · □B  
/Q, /Y f□fCf<fhfJ□ [fh, ðŽg—  
p, µ, Ä^êŠ†ííœ, ·, é, Æ, «, É□AŠm”F, Ìf□fbfZ□ [fW, ð•\Ž!, µ, Ü, ¹, ñ□B  
/F fm□ [f} f< ‘®□ ^ÈŠO, Ìftf@fCf<, à<□Š“I, Éííœ, ðs, È, ç  
, Ü, · □B  
/S fTfufffBfÆfNfgfŠ“à, àííœ, Ì’ÎÜ, Æ, µ, Ü, · □B

ftf@fCf<-¼, É, Ìf□fCf<fhfJ□ [fh, ðŽw’è, Å, «, Ü, · □B  
/Q, Ü, ½, Ì/Y, ðŽw’è, ·, é, Æ□A□fCf<fhfJ□ [fh, ðŽg—  
p, µ, ÄfffBfÆfNfgfŠ(ftfHf<f\_)“à, Ì, ·, x, Ä, Ìftf@fCf<, Ìííœ, ðŽw’è, µ, ½ □ê†, É□Aííœ, µ  
, Ä—ç, ç, ©, ç, x, ©, ÌŠm”F, ðs, È, í, ê, Ü, ¹, ñ□B

/F, ðŽw’è, ·, é, Æ□Afm□ [f} f< ‘®□ ^ÈŠO, Ì“ç, ÝŽæ, è□ê—pftf@fCf<, È, ç, à<-  
□Š“I, Éííœ, ðs, È, ç, Ü, · □B

/

S, ðŽw’è, ·, é, Æ□AfpfX“à, ÌTfufffBfÆfNfgfŠ(ftfHf<f\_)“à, Ìftf@fCf<<y, Ñ□AftfufffBfÆf  
NfgfŠ, àííœ, Ì’ÎÜ, Æ, µ, Ü, · □B

**-ß, è’l**

0 □³ííI-¹  
1 □ííœfGf%□ [   
2 ftf@fCf<, ðœ, Å, ©, ç, È, ç   
3 fffBfÆfNfgfŠ, ðííœ, Å, «, È, ç

21 ft□ [fU□ [ , É, æ, é’ t’ f (fffBfÆfNfgfŠ, â\*.\* , ðŽw’èŽž)

255 fpf%□ [f^□ [ , ð•s’«

**—á**

DEL A:\FILENAME.TXT  
DEL /Q C:\TMP  
DEL /Q /F /S C:\WINDOWS\TEMP  
DEL /S C:\WORK\\*.TMP

**ŽQ□l**

COPY  
RMDIR(RD)



**TYPE [/B] [ffffBfCfNfgfŠ-¼] ftj@fCf<-¼ [ftj@fCf<-¼..] [[ffffBfCfNfgfŠ-¼] ..]**

fefLfXfgftf@fCf<,l"à—e•\Ž!,đ□s,È,ç,Ü,·□B

DOS,ìTYPE,æ,èŠg'£,<sup>3</sup>,ê,Ä,ç,Ä□A•i□",ìftj@fCf<,đŽw'è,·,é,±  
,Æ,<sup>a</sup>,Å,«,Ü,·□BffffBfCfNfgfŠ(ftfHf<f\_),<sup>a</sup>Žw'è,<sup>3</sup>,ê,½□ê□#□A,»<sup>a</sup>,ê^È□~,ìftj@fCf<-  
¼,í,»,ìffffBfCfNfgfŠ,©,çCfY□ö,<sup>a</sup>□s,È,í,ê,Ü,·□B

•i□",ìftj@fCf<,đ^ê"x,ÉŽw'è,μ,Ä□A,»<sup>a</sup>,ê,đfŠf\_fCfCfNfg□o—í,·,é,±  
,Æ,É,æ,è□Aftj@fCf<,l~ACE<,à□s,È,í,Ü,·□B

/B,ífŠf\_fCfCfNfg□o—í,đ□s,È,κ,Æ,«<sup>a</sup>,É,ì,Ý'Ó—i,đŽ□,¿□AEOF(0x1a),ìfR□[fh,đ-  
<sup>3</sup>Ž<,·,é,æ,κ  
,É,μ,Ü,·(•K,ftj@fCf<,ì□ÅCä,Ü,Å"Ç,Ý,Ü,·)□BfofCfifŠftj@fCf<,l~ACE<,đ□s,È,κ□ê□#,í  
,±,ìfifvfjftf",đŽw'è,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B

**-ß,è'l**

0	□ <sup>3</sup> □í□I- <sup>1</sup>
1	•\Ž!,Å,«,È,ç
2	ftj@fCf<, <sup>a</sup> □,Å,©,ç,È,ç
255	fpf%□□[f^□[, <sup>a</sup> •s'«

**—á**

TYPE A:\FILENAME.TXT  
TYPE A:\DOC FILE1.DOC FILE2.DOC A:\TXT FILE3.TXT  
TYPE C:\ CONFIG.SYS AUTOEXEC.BAT > SYSTEM ENV  
TYPE /B BINDATA1.DAT BINDATA2.DAT > BINDATAS.DAT

**ŽQ□l**  
MORE

## fšf\_fCfĈfNfg□o—í

fofbf`ŽÀ□sfEfBf“fhfE,É•\Ž|,.,é'ă,í,è,Éftf@fCf<,É□o—í,đ□s,È,ç,Ü,·□B

fRf}f“fh□s,ì□ÅĈă,É ">"(□V<K□ì□¬) ,Ü,½,í ">>"('Ç%oÁ□o—í) ,É'±,¯,Ä□o—  
í,.,éftf@fCf<-¼,đŽw'è,μ,Ä,,¾,¾,ç□B•W□€fffofCfX,í "NUL" ,ì,Ýftf|  
□[fg,μ,Ü,·□B,È,“fšf\_fCfĈfNfg“ü—í,âpfCfv□^—□,É,Â,ç,Ä,íTf|□[fg,μ,Ä,ç,Ü,¹,ñ□B

**-ß,è'l**

, , ,è,Ü,¹,ñ□B

**—á**

ECHO fjjĈf“fgfffBfĈfNfgfš,í>CURDIR.TXT

CD>>CURDIR.TXT

PAUSE>NUL

**fšf\_fCfŒfNfg“ü—í**

fšf\_fCfŒfNfg“ü—í, íTf|[]fg, μ, Ä, ç, Ü, <sup>1</sup>, ñ □B

**žQ □I**

fšf\_fCfŒfNfg □o—í

**fpfCfv<sup>^</sup>—**

fpfCfv<sup>^</sup>—, íTf|[[fg, μ, Ä, ç, Ü, <sup>1</sup>, ñ B

**ŽQ**

fŠf\_fCfCfNfg o—í

## GETVERSION [/P, /V, /B]

```
WinBatchEh,Ìfo[fWf+f"" ÔtAWindows,Ìfvf
%fbfgftfH[f€Af[fWf+f",đŽæ¼,μ,Ü,·B
```

```
fIfvfVf+f",đŽw'è,¹,,ÉŽÀs,·,é,ÆAWinBatchEh,Ìfo[fWf+f"" Ôt,ª•Ô,è,Ü,·Bfo[f
Wf+f"" Ôt,Í ERRORLEVEL,É"l,Æ,μ,Ä•Ô,è,Ü,·Bfo[fWf+f",ª 1.23 ,Å, ,ê,Î 123
,Ì"l,ªERRORLEVEL,É•Ô,è,Ü,·B
```

```
l' ^ Ó: ,±,ÌRf}f"fh,Í WinBatchEh 1.02 ^Èã,ÅŽg—p%Å"\,Å,·B
```

```
WinBatchEh,ª16frfbfg"Å,©32frfbfg"Å,©,đCE©•ª,¯,é,É,ÍA"IF
WINBAT32==YES" •¶,đŽg—p,μ,Å,,¼,³,çB
```

```
,Ü,½A^È
%º,ÌfIfvfVf+f",đŽw'è,·,é,ÆAWindows,ÉŠÖ~A,·,é'l,ªERRORLEVEL,É•Ô,è,Ü,·B
```

```
/P Windows,Ìfvf%fbfgftfH[f€(0:Windows 3.1,
1:Windows95, 2:Windows NT)
/V Windows,Ìfo[fWf+f"(310:Windows 3.1, 351:Windows
NT 3.51, 400:Windows95/Windows NT 4.0)
/B (32frfbfgfo[fWf+f",Ì,Ý)Windows,Ìfrf<fh"Ôt
```

```
16frfbfgfo[fWf+f",ÌWinBatchEh,đA32frfbfg,ÌWindows(Windows95, Windows
NT),Å"®ì,³,¹,½ê±,ÍAŽÀÛ,Æ,Í^á,x'l,ª•Ô,éŽ-,ª, ,è,Ü,·B
```

**-ß,è'l**

```
102 `
(fIfvfVf+f",đ"ñŽw'è)WinBatchEh,Ìfo[fWf+f"
0 ` (fIfvfVf+f",đŽw'èŽž)
,»,è,¼,è,ÌfIfvfVf+f",É^Ë'¶
```

**—á**

```
GETVERSION
GETVERSION /P
GETVERSION /V
```

**ŽQl**

```
IF WINBAT32==YES
```



## INLINECOMMENT [•¶Žš—ň]

fCf“f%ofCf“fRf□f“fg•¶Žš—ň,ì□Ý’è,ð□s,É,ç,Ü,·□B

fCf“f%ofCf“fRf□f“fg•¶Žš—ň,ì□Ý’è,ð□s,É,æ  
,Æ□Afofbf` ,ìŽĀ□sfRf}f“fh“™ ,Æ“~^ê□s,ÉfRf□f“fg,ð<L□q,Ā,« ,é,æ,æ,É,È,è,Ü,·□B

—á:

INLINECOMMENT Remark

:

IF ERRORLEVEL 255 GOTO END

Remark fGf%□□[ ,<sup>3</sup><N,« ,½□ê□#

IF ERRORLEVEL 1 GOTO LOOP

Remark fLfff“fZf<,É,ç,à,æ^ê“x

fpf%□□□□[f^□□[ ,É“C^Ó,ì•¶Žš—ň,ðŽw’è,μ,Ā,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B,» ,ì•¶Žš—ň,æfCf“f  
%ofCf“fRf□f“fgŠJŽn,ì•¶Žš—ň,Æ,μ,Ā□Ý’è,<sup>3</sup>,ê,Ü,·□B•¶Žš—  
ň,í’á•¶Žš□~•¶Žš,<sup>3</sup><æ•Ē,<sup>3</sup>,ê,Ü,·□Bfofbf` ‘t,Ā—~—p,<sup>3</sup>,ê,é•¶Žš—ň,íŽw’è,μ,É,ç  
,æ,æ,É’□^Ó,μ,Ā,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B

fpf%□□□□[f^—<sup>3</sup>,μ,ĀfRf}f“fh,ðCEĀ,Ñ□o,· ,Æ□Afcf“f%ofCf“fRf□f“fg,ì□Ý’è,<sup>3</sup>  
%oð□œ,<sup>3</sup>,ê,Ü,·□B

-ß,è’l

, , ,è,Ü, <sup>1</sup>, ñ□B

—á

INLINECOMMENT :/

INLINECOMMENT Remark

**ŽQ□I**

REM

## \$ (ŠĀ«•İ□”), \$(%opŽš), \$(□”Žš)

•ŕŽš—ň,đ^μ,ƣfRf}f“fh,Ā□A“ÁŽê,È•ŕŽš,đŠŮ,ň,¾ŠĀ«•İ□”,È,Ç,đŽQ□Æ,μ,Û,·□B

ŠĀ«•İ□”,È,Ç,Í %ŠĀ«•İ□”% ,Æ,·,éŽ-,Ā□Afofbf`'†,Ā,Í,ç  
,Ā,Ā,àŽQ□Æ,Ā,«,Û,·,ª□Afofbf` ,Ā“à•”□^—□,³,ê,é“ÁŽê,È•ŕŽš(["], [%], [>] “™)  
,đŠŮ,ň,Ā,ç,é,Æ□A•ŕŽš—ň,Æ,μ,Ā^μ,ç,É,,ç□ê□‡,ª, ,è,Û,·□B,»,ƣÆ¾,Ā,½□ê□‡,É□A  
\$(ŠĀ«•İ□”) ,Æ,μ,ĀŽQ□Æ,·,é,±,Æ,É,æ,è□A“ÁŽê,È•ŕŽš,đŠŮ,ň,¾•ŕŽš—  
ň,đfRf}f“fh,İpf%of□□[f^ ,Æ,μ,Ā-â`è,È, ^μ,İ,é,æ,ƣ,É,È,è,Û,·□B

Žg—p,Ā,«,é,İ,İ□Afpf%of□□[f^,đ " " ,Ā^Í,Ā,Ā•ŕŽš—  
ň,Æ,μ,Ā^μ,ƣfRf}f“fh,¾, -,Ā,·,İ,Ā□A'□^Ó,μ,Ā,,¾,³,ç□B—á,İ,ĀECHO fRf}f“fh,İ□o  
—Í•ŕŽš—ň,Í " " ,Ā^Í,ƣŽ-,É'Í%oož,μ,Ā,ç,Û,¹,ň,İ,Ā□A,±,ƣÆ¾,Ā,½fRf}f“fh,Ā,Í,±  
,İŽQ□Æ•û-@,İŽg—p,Ā,«,Û,¹,ň□B

ŠĀ«•İ□”^ÈŠO,É□Afofbf` ,Ö,İpf%of□□[f^□AFOR•ŕ,Ā,İ•İ□”,đ“-—İ,É^μ,ƣ,±  
,Æ,ª,Ā,«,Û,·□B,»,ê,¼,ê,İŽw`è•û-@,İŽŸ,İ—İ,É,È,è,Û,·□B

<“ÁŽêŽw`è>	< ' ÎŮŮ>	< ' ÊŮí , İŽw`è>
	<-á>	
(ŠĀ«•İ□”)	ŠĀ«•İ□”	%ŠĀ«•İ□”% \$
	\$(TMP)	
\$(□”Žš)	fpf%of□□[f^	□”Žš
	\$(1)	
\$(%pŽš)	FOR, İ•İ□”	%%pŽš
	\$(a)	

,Û,½□A,±,İÈ`Ž® ,Ā,İŽQ□Æ,Í□A•İ□”,İ•İ□”,đ'g,Ý□‡,Í,¹,½ŽQ□Æ,à%oĀ"\,Ā,·□B—  
á,İ,İ□A\$(DATA[\$(COUNT)]) ,İŽw`è,Ā□AŠĀ«•İ□” COUNT ,ª 1 ,İŽž□AŠĀ«•İ□”  
DATA[1] ,ªŽQ□Æ,³,ê,Û,·□B

-ß,è'İ  
, ,è,Û,¹,ň□B

—á  
STR LEN \$(INPUT)  
PRINTF "%d:%s" %COUNT% \$(INPUT) > filename.txt

ŽQ□I  
%ŠĀ«•İ□”%

**BATCHWND  
BATWND**

f of b f ` " à — e • \ Ž ! f E f B f " f h f E , ì • \ Ž ! , ì § Ç È ä ( f E f B f " f h f E □ ó ' Ô , Å • \ Ž ! □ A □ Å □ ¬  
% o » □ ó ' Ô □ A " ñ • \ Ž ! □ ó ' Ô □ A f E f B f " f h f E f ^ f C f g f < , ì • ì □ X □ A f A f C f R f " , ì • ì □ X ) , ð □ s , È , ç  
, Ü , · □ B

□ % o Š ú □ ó ' Ô , Å , í v f □ f O f % o f € f } f l □ [ f W f f , ì < N " ® Ž w ' è , È , Ç , É □ ] , Á , ½ □ ó ' Ô , Å • \ Ž ! , ð □ s , È , ç  
, Ü , · ( ' A , µ f v f □ f O f  
% o f € f } f l □ [ f W f f , Å f A f C f R f " , É , µ , Ä < N " ® , µ , ½ □ ê □ † □ [ f U □ [ , É , æ , é □ u □ Å ' à  
% o » □ v , â □ u Ç <sup>3</sup> , É - ß , · □ v , ð Ž g — p , Å , « , é □ ó ' Ô , Å < N " ® , µ , Ü , · ) □ B

**BATCHWND ON  
BATWND ON**

f of b f ` " à — e • \ Ž ! % o æ - Ê , ð f E f B f " f h f E □ ó ' Ô ( • \ Ž ! □ ó ' Ô ) , É , µ , Ü , · □ B

-ß, è' l

, , è , Ü , <sup>1</sup> , ñ □ B

—á

BATCHWND ON

**BATCHWND OFF  
BATWND OFF**

f of b f ` " à — e • \ Ž ! % o æ - Ê , ð □ Å □ ¬ % o » ( f A f C f R f " □ ó ' Ô ) , É , µ , Ü , · □ B , ± , ì □ ó ' Ô , Å , í Ž g —  
p Ž Ò , É , æ , é □ Å ' à % o » ( f t f < f X f N f Š □ [ f " □ ó ' Ô ) , â Ç <sup>3</sup> , ì □ ó ' Ô , É - ß , · ( f E f B f " f h f E □ ó ' Ô ) , ±  
, Æ , à , Å , « , È , , È , è , Ü , · □ B

f p f % o f □ □ [ f ^ □ [ , É f of b f ` f t f @ f C f < - ¼ , ð —  
^ , ì , Å □ A f of b f ` , ð < N " ® , · , é , Æ , « , È , Ç , É f E f B f " f h f E • \ Ž ! , ð ^ ê □ Ø □ s , È , í , È , ç  
, ½ , ß , É , ì □ A f of b f ` , ì □ æ " <sup>a</sup> , ð Ž Ÿ , ì , æ , x , É , µ , Å , , <sup>3</sup>/<sub>4</sub> , <sup>3</sup> , ç □ B

@BATCHWND OFF

@EXECUTEWND OFF

:

-ß, è' l

, , è , Ü , <sup>1</sup> , ñ □ B

—á

BATCHWND OFF

**BATCHWND HIDE**

**BATWND HIDE**

fobfbf` "à—e•\Ž!%œ-Ê,đfAfCfRf" ,đŠÜ,ß,Ä%B,μ,½□ó'Ô("ñ•\Ž!),É,μ,Ü,·□B

'□^Ó: "BATCHWND HIDE" ,ì□ó'Ô,Å,ìfobfbf` ,đ^À'S,É□I—

1,·,é,½,ß,ì□ufXfgfbfv□vf{f^f" ,âWinBatchEh,ì□I—<sup>1</sup>,<sup>a</sup>□A'Ê□í'€□ì,Å,Í□s,È,ì,È,-  
,È,è,Ü,·,ì,Å□A,±,ìfRf}f"fh,Í'Ê□í,ÍŽg—p,μ,È,ç,Å,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□Bfobfbf` "à—e•\Ž!%œ-  
Ê,đ"ñ•\Ž!,É,·,é,É,Í□A"BATCHWND OFF" ,đŽg—p,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B

**-ß,è'l**

, , ,è,Ü, <sup>1</sup> ,ñ□B

**—á**

BATCHWND HIDE

**BATCHWND TITLE "f^fCfjf<-¼"**

**BATWND TITLE "f^fCfjf<-¼"**

fobfbf` "à—e•\Ž!%œ-Ê,ìfEfBf"fhfE,ìf^fCfjf<,đ□Ý'è,μ,Ü,·□B  
□%Šú'Í,Í "WinBatchEh - fobfbf`ftf@fCf<-¼" ,Æ,È,Ä,Ä,ç,Ü,·□B

**-ß,è'l**

, , ,è,Ü, <sup>1</sup> ,ñ□B

**—á**

BATCHWND TITLE "%0 ,ìfobfbf` "à—e,Ä,·"

**BATCHWND ICON [ftf@fCf<-¼ [fCf"fffbfNfX"Ô□t]]**

**BATWND ICON [ftf@fCf<-¼ [fCf"fffbfNfX"Ô□t]]**

fobfbf` "à—e•\Ž!%œ-Ê,<sup>a</sup>fAfCfRf"%œ»,<sup>3</sup>,é,Ä,ç,é,Æ,«,ìfAfCfRf" ,đŽw'è,μ,Ü,·□B  
ftf@fCf<-¼,É,ìfAfCfRf"ftf@fCf<,âŽÀ□sftf@fCf<(EXE,DLL)  
,<sup>a</sup>Žw'è,Ä,«,Ü,·□Bftf@fCf<"à,É•i□" ,ìfAfCfRf" ,<sup>a</sup>ŠÜ,Ü,è,Ä,ç  
,é□ê□±,ìfCf"fffbfNfX"Ô□t,ì□"l,É,æ,è□A,ç,ìfAfCfRf" ,đŽg—p,·,é,©Žw'è,·,é,±  
,Æ,<sup>a</sup>,Ä,«,Ü,·□BfCf"fffbfNfX"Ô□t,đ□É—<sup>a</sup>,·,é,Æ0,É,È,è,Ü,·□B  
ftf@fCf<-¼^È%œ<sup>o</sup>,<sup>a</sup>□É—<sup>a</sup>,<sup>3</sup>,é,½□ê□±,ÍWinBatchEhffftfHf<fg,ìfjRf`fff"fobfbf` (?)  
,ìfAfCfRf" ,É,È,è,Ü,·□B  
ftf@fCf<,<sup>a</sup>¶□Ý,μ,È,ç,Æ,«,âfCf"fffbfNfX"Ô□t,<sup>a</sup>□<sup>3</sup>,μ,-  
,É,ç□ê□±,Í□AfAfCfRf" ,Í•i□X,<sup>3</sup>,é,Ü,<sup>1</sup>,ñ□B

**-ß,è'l**

, , ,è,Ü, <sup>1</sup> ,ñ□B

**—á**

BATCHWND ICON C:\WINDOWS\PROGMAN.EXE 2

**žQI**

EXECUTEWND, EXECWND

**EXECUTEWND  
EXECWND**

f ofbf` ŽÀ[]sfEfBf“fhfE,ì•\Ž!,ì[]\$Āä(fEfBf“fhfE[]ó’Ô,Ā•\Ž![]A”ñ•\Ž![]ó’ÔfGf%[][-  
[]Žž,É^èŽž’âŽ~[]AfGf%[][-  
[]Žž,É’âŽ~,μ,Ē,ç[]AfEfBf“fhfEfTfCfY,ìŽw’è[]AfEfBf“fhfEf^fCfGf<,ì•Ī[]X[]AftfHf“fg  
,ìŽw’è),ð[]s,Ē,ç,Û,·[]B

**EXECUTEWND ON  
EXECWND ON**

f ofbf` ŽÀ[]sfEfBf“fhfE,ì•\Ž!,ð[]s,Ē,ç,Û,·[]B  
[]%Šú[]ó’Ô,Ā,Ī EXECUTEWND ON ,ì[]ó’Ô,É,È,Á,Ä,ç,Û,·[]B

**-ß,è’l**  
, , è, Û, <sup>1</sup>, ñ[]B

**—á**  
EXECUTEWND ON

**EXECUTEWND OFF  
EXECWND OFF**

f ofbf` ŽÀ[]sfEfBf“fhfE,ì•\Ž!,ð[]s,Ē,ç,Û,<sup>1</sup>,ñ[]B

**-ß,è’l**  
, , è, Û, <sup>1</sup>, ñ[]B

**—á**  
EXECUTEWND OFF

**EXECUTEWND ERRON  
EXECWND ERRON**

fGf%[][,<sup>a</sup><N,«,<sup>1</sup>/<sub>2</sub>,Æ,«,ÉfL[]["ü—í,<sup>a</sup>, ,é,Û,Ā’âŽ~,μ,Û,·[]B  
f ofbf` ŽÀ[]sfEfBf“fhfE,ì•\Ž!,ð[]s,Ē,í,Ē,ç,Æ,«(EXECUTEWND OFF,ì[]ó’Ô)fGf  
%[][f[]fbfZ[][fW,í,·,×,Ä[]fbfZ[][fWf{fbfNfX,É•\Ž!,<sup>3</sup>,è[OK]f{f^f“,ì“ü—  
í’Ò,ž,Æ,Ē,è,Û,·[]B  
[]%Šú[]ó’Ô,Ā,Ī EXECUTEWND ERRON ,ì[]ó’Ô,É,È,Á,Ä,ç,Û,·[]B  
,<sup>1</sup>/<sub>2</sub>,<sup>3</sup>/<sub>4</sub>,μ,·,×,Ä,lfRf}f“fh,É,“,ç,Ä[]AfGf%[]["[]Žž,É’âŽ~,·,é,í,~,Ā,Ī, ,è,Û,<sup>1</sup>,ñ[]BfRf}f  
“fh,É,æ,Ā,Ä,lfGf%[][,<sup>a</sup>][]μ,Ä,àf[]fbfZ[][fW,ð•\Ž!,·,é,<sup>3</sup>/<sub>4</sub>,~,ì,à,ì,<sup>a</sup>, ,è,Û,·[]B

**-ß,è’l**  
, , è, Û, <sup>1</sup>, ñ[]B

—á

EXECUTEWND ERRON

**EXECUTEWND ERROFF**

**EXECWND ERROFF**

fGf%oo[ , <N, <<, 1/2, Æ, <<, ÉfL[ “ü—í, ð’Ò, ÿ, Ü, 1, ñ B  
fofbf` ŽÀ[sfEfBf“fhfE, ì•\Ž!, ð[s, È, í, È, ç, Æ, <<(EXECUTEWND OFF, ìó’Ô), ífGf  
%o[f]fbfZ[fW, 3, ì•\Ž!, 3, é, Ü, 1, ñ, Ì, Å, 2’^Ó, 3/4, 3, ç B

-ß, è’l

, , è, Ü, 1, ñ B

—á

EXECUTEWND ERROFF

**EXECUTEWND %oj•ŕŽš” c•ŕŽš”**

**EXECWND %oj•ŕŽš” c•ŕŽš”**

fofbf` ŽÀ[sfEfBf“fhfE, ðON, ìê[s, ÌfTfCfY, ðŽw’è, µ, Ü, · B  
%oj•ŕŽš” , í20[ 256[A c•ŕŽš” , í1[ 128, ðŽw’è, Å, <<, Ü, ·(‘â, <<, ·, é, Ü, Çf[f, fš, ð’1/2, -  
•K—v, È, È, è, Ü, ·) B %óŠú’l, í%oj80[A c25, Å, · B  
fTfCfY, ì•ìXCEãfofbf` ŽÀ[sfEfBf“fhfE, ì•\Ž!“à—e, íÁ<Ž, 3, é, Ü, · B

-ß, è’l

, , è, Ü, 1, ñ B

—á

EXECUTEWND 60 20

**EXECUTEWND MAX**

**EXECWND MAX**

fofbf` ŽÀ[sfEfBf“fhfE, ðON, ìê[s, ÌfTfCfY, ð%œ-Ê^Ê”t, É[Ý’è, µ, Ü, · B  
fffXfNfgfbfv, ÌfTfCfY, É[s, í, 1, Å%o  
i[A c, ì•ŕŽš” , ðŽ © “ @[Ý’è, µ, Ü, · B •K, , µ, àfffXfNfgfbfv, ì’â, <<, 3, Æ” , ÌfTfCfY, È, È,  
é, í, , Å, í, È, -  
[AfffXfNfgfbfv, ì’â, <<, 3, ÉŽù, Ü, é”í^í, Å•ŕŽš” , ðCE^, ß, ç, é, Ü, · B [Á’â, ì•ŕŽš” , í%o  
i, ð256[A c, ð128, Å, ·, Ì, Å[AftfHf“fg, ÌfTfCfY, È, æ, Á, Å, í%œ-Ê^Ê”t, È, È, ç, È, ç, ±, Æ, ð,  
è, Ü, · B  
fTfCfY, ì•ìXCEãfofbf` ŽÀ[sfEfBf“fhfE, ì•\Ž!“à—e, íÁ<Ž, 3, é, Ü, · B

-ß, è’l

, , è, Ü, 1, ñ B

—á

EXECUTEWND MAX

**EXECUTEWND TITLE "f^fCfjf<-1/4"**

**EXECWND TITLE "f^fCfjf<-1/4"**

fofbf` ŽÄ[]sfEfBf"fhfE,ªON,ì[]ê[]#[]AfEfBf"fhfE,ìf^fCfjf<,ð[]Ý'è,µ,Û,·[]B  
[]%oSú'l,í "WinBatchEhExec - fofbf`ftf@fCf<-1/4" ,Æ,É,Á,Ä,ç,Û,·[]B

**-ß,è'l**

, , è, Û, ¹, ñ[]B

**—á**

EXECUTEWND TITLE "%0 ,ìfofbf` ŽÄ[]s%œ-Ê,Å,·"

**EXECUTEWND FONT "ftfHf"fg-1/4" [.,,³ [•[]]**

**EXECWND FONT "ftfHf"fg-1/4" [.,,³ [•[]]**

fofbf` ŽÄ[]sfEfBf"fhfE,ªON,ì[]ê[]#,ì\Ž|,·,éftfHf"fg,ðŽw'è,µ,Û,·[]B  
ftfHf"fg-1/4,É,íŒÁ'èsfbf` ,ìftfHf"fg,ì,Ý,ªŽw'è,Å,«,Û,·[]B  
[],,³[]A•[],ð[]È—ª,·,é,ÆfVfXfef€,ìffftfHf<fg,ì'á,«,³,É,È,è,Û,·[]B  
[],,³,ì,Ý,ðŽw'è,µ,Ä•[],ð[]È—ª,·,é,Æ[]A•[],íŽ©"®"l,ÉŒvŽZ,³,è,Û,·[]B  
ftfHf"fg,ìŽw'è,ð[]s,È,ª,Æ[]Afofbf` ŽÄ[]sfEfBf"fhfE,ì,·,×,Ä,ì\  
Ž|,ªŽw'è,ìftfHf"fg,É•ì[]X,³,è,Û,·[]B

**-ß,è'l**

, , è, Û, ¹, ñ[]B

**—á**

EXECUTEWND FONT ",l,r fSfVfBfN" 12 6

**ŽQ[]l**

BATCHWND, BATWND



## ŠÂ««•İ” ERRORLEVEL

ERRORLEVEL,İ”İ,đ•ŕŽš—  
ň,Æ,μ,ÄŽQÆ,Å,«,Ü,·B,Ü,½ERRORLEVEL,ÉSETfRf}f“fh,Å”İ,İ‘ã“ü,ªs,È,İ,Ü,·  
B

## ERRORLEVEL ,đ•ŕŽš—ň,Æ,μ,ÄŽQÆ

%ERRORLEVEL%,Æ,·,éŽ-,É,æ,èAERRORLEVEL,İ”İ,đ•ŕŽš—ň,Æ,μ,Ä^μ,İ,Ü,·B

-ß,è’İ

, , è, Ü, ¹, ñB

—á

ECHO fGf%o[’İ,Í %ERRORLEVEL% ,Å,  
IF %ERRORLEVEL%=1 GOTO END

## ERRORLEVEL ,Ö,İ‘ã“ü

SETfRf}f“fh,ÅERRORLEVEL,É”İ,đ‘ã“ü,Å,«,Ü,·(”İ,İŽw’è•û-@)B

-ß,è’İ

‘ã“ü, μ, ½’İ

—á

SET ERRORLEVEL=1  
SET ERRORLEVEL=12+56  
SET ERRORLEVEL=%ERRORLEVEL%+1 (ERRORLEVEL,đİ’İ,â,·)  
SET ERRORLEVEL=RANDOM 100

’İ^Ó

ERRORLEVEL,Æ=,İŠÔ,É<ó”’,đ“ü,ê,È,ç,Å,,¾,¾,çB,Ü,½A " " “™,Å^Í,Í,È,ç,Å,-  
,¾,¾,çB

ŽQİ

ERRORLEVEL(IF ERRORLEVEL)

## GOSUB LABEL □ RETURN

f of bf "à, ì f Tfuf < □ [ f ` f " , ð Æ Ä, Ñ □ o, μ, Ü, · □ B

GOTO, Æ " -, ¶, æ, x  
, É LABEL, ì □ s, É f W f f f " f v, μ, Ü, ·, a □ A RETURN f R f } f " f h, É, æ, è GOSUB, ì Ž Ÿ, ì □ s, É - ß, Á, Ä, -  
, é, ±, Æ, a, Å, «, Ü, · □ B

GOSUB, í • i □ " , ì Š K ' w, É " n, Á, Ä Ž g — p, ·, é, ±, Æ, a, Å, «, Ü, · ( □ Å ' å 32 Š K ' w ) □ B

**-ß, è ' l**

, , è, Ü, <sup>1</sup>, ñ □ B

**—á**

GOSUB SUB

:

EXIT

:SUB

:

RETURN

**Ž Q □ l**

GOTO



```

IF [condition] 1
  [condition] 1, [condition] ^, [condition], [condition], [condition]s
ELSE
  IF [condition] 2
    [condition] 1, [condition] U, [condition] [condition] 2, [condition] ^, [condition], [condition], [condition]s
  ELSE
    [condition] 1, [condition] [condition] 2, [condition] U, [condition], [condition], [condition], [condition]s
  ENDIF
ENDIF

```

, ±, ì, æ, x, ÈIF, ìŽg, ç • ù, ì" , É [condition] À, í, , è, Ü, 1, ñ, [condition] AENDIF, ð, » , ì" , ¾, - • t, -, é, ±, Æ, ð-  
 Y, ê, È, ç, æ, x, É, µ, Ä, , ¾, ¾, ç [condition] B

[condition] 'ç%»IF, ìf< [condition] [condition] "à, [condition] s, È, xGOTO, í-â'è, , è, Ü, 1, ñ, [condition] Af< [condition] [condition] ŠO, ©, çGOTO, [condition] f< [condition] [condition] "à, ÉfWfff"fv, ð [condition] s, È, x, æ, x, È, ±, Æ, í [condition] s, È, í, È, ç, Ä, , ¾, ¾, ç [condition] B

"ELSE IF" , ðŽg—p, , é [condition] [condition] [condition] A"ELSE" , Æ "IF" , ìŠÔ, É, í<ó" , ð"ü, ê, Ä, , ¾, ¾, ç [condition] B

**-ß, è'l**  
 , , è, Ü, 1, ñ [condition] B

**ŽQ [condition]**  
IF(fofbf`fRf}f`fhÇÝŠ.)

## WHILE ENDWHILE

```
do while "»" 'è, do s, È, Á, Ä "A" 'è, a^, ìŠÔ ENDWHILE , Ü, Å, ìs, ðŽÀ s, µ, Ü, ·B
```

```
do while "»" 'è, [fofbf`fRf}f`fhŸŠ·, ìIF, Æ" , ¶, à, ì, aŽg, !, Ü, ·B  
, Ü, ½ do while, É " " l, ðŽw'è, ·, é, ±, Æ, à, Å, «, Ü, ·B, ±, ìê # 0 , Å, È, , ê, î ^, Æ, È, è, Ü, ·B
```

```
WHILE, í·K, , \ 'ç%»», do s, È, Á, Ä <L q, µ, Ü, ·B ^ê s, ÅŠ® <, ·, é, ±, Æ, í, Å, «, Ü, ¹, ñB
```

¶, «·û 1

```
SET ERRORLEVEL=10  
WHILE ERRORLEVEL 1          © do while Ž®, Å"»'è  
    PRINTF , , Æ%%5d%»ñŽc, Á, Ä, Ü, ·.%ERRORLEVEL%  
    SET ERRORLEVEL=%ERRORLEVEL%-1  
ENDWHILE
```

¶, «·û 2

```
SET COUNT=10  
WHILE %COUNT%              © " " l, Å"»'è  
    PRINTF , , Æ%%5d%»ñŽc, Á, Ä, Ü, ·.%COUNT%  
    SPRINTF COUNT %%d %COUNT%-1  
ENDWHILE
```

```
"r't, Å WHILE f<[fv, ð"², , é, É, í BREAK , ðŽg—p, µ, Ü, ·B
```

```
SET COUNT=10  
WHILE %COUNT%  
    PRINTF , , Æ%%5d%»ñŽc, Á, Ä, Ü, ·.%COUNT%  
    MESSAGEBOX=MB_YESNO '±, , Ü, ·, ©?  
    IF %ERRORLEVEL%==IDNO  
        BREAK          ¶ ENDWHILE, ðŽŸ, ìs, ÉfWfff"fv  
    ENDIF  
    SPRINTF COUNT %%d %COUNT%-1  
ENDWHILE
```

```
, Ü, ½ WHILE, Å, ðŽÀ s, ìs, ì't, Å, ³, ç, É WHILE, ðŽg, x, ±, Æ, à, Å, «, Ü, ·B  
, » , ì, Æ, «, ì BREAK , í'í%»ž, ·, é WHILE , ð"², , é, ±, Æ, É, È, è, Ü, ·B
```

```
WHILE 1  
    SET COUNT=1  
    WHILE NOT %COUNT%==10  
        PRINTF %%5d%»ñ-Ú, Å, ·.%COUNT%  
        IF EXISTWINDOW "fçf, ' "  
            BREAK          ¶ (2), ÉfWfff"fv  
        ENDIF
```

```

    SPRINTF COUNT %%d %COUNT%+1
  ENDWHILE
(2)
  IF EXISTWINDOWR "f\, ' - (-3'è)"
    BREAK          (1),ÉfWfff"fv
  ENDIF
ENDWHILE
(1)

```

, ±, ì, æ, ɣ, ÈWHILE, ìŽg, ç • û, í Å' å32, ì [ , ³, Ü, ÅŽg—  
 p, Å, «, Ü, · BENDWHILE, ð, » , ì " , ¾, · t, · , é, ±, Æ, ð-Y, ê, È, ç, æ, ɣ, É, µ, Ä, , ¾, ³, ç B

WHILE, ìf< [fv"à, Å [s, È, ɣGOTO, í-â'è, , è, Ü, ¹, ñ, º Af< [fvŠO, ©, çGOTO, Åf< [fv"à, É  
 fWfff"fv, ð, · , é, æ, ɣ, È, ±, Æ, í [s, È, í, È, ç, Å, , ¾, ³, ç B

ENDWHILE, ì'ã, í, è, ÈWEND, ðŽg, ɣŽ-, à, Å, «, Ü, · BENDWHILE, àWEND, à^Ó-  
 i, í" , ¶, Å, · B

**-ß, è' l**  
 , , è, Ü, ¹, ñ B

**ŽQ [ l**  
IF(fofbf`fRf}f"fhŒÝŠ.)

## FOR □` ENDFOR (□\`¢%» FOR)

□\`¢%» ,ì□s,È,ì,éFOR,Å,·□BENDFOR,ì□s,Ü,Å,ðÆJ,è•Ô,μŽÀ□s,ð□s,È,¢,Ü,·□B

•ï□",ìŽg—p,É,Â,¢,Ä,ífofbf`fRf}f“fhÆÝŠ·,ìFOR,Æ“` ,¶,à,ì,ªŽg,ì,Ü,·□B

□\`¢%»FOR,ðŽg—p,·,é,Æ,«,É,í□AFOR•¶,ì□s,ìŽÀ□sfRf}f“fh,ì,Æ,±,ë,Å  
%»ü□s,ð□s,È,¢,Ü,·□BDOS,ífofbf`fRf}f“fhÆÝŠ·,ìFOR•¶,Æ,ì^á,¢,ìŽŸ,ì,æ,α  
,É,È,è,Ü,·□B

o DOS,ífofbf`fRf}f“fhÆÝŠ·,ìFOR:

```
FOR %%A IN (1 2) DO ECHO %%A ("DO" ,É'±,` ,ÄŽÀ□sfRf}f“fh,ð<L□q)
```

o □\`¢%»<sup>3</sup>,è,½FOR:

```
FOR %%A IN (1 2) DO (,±,±,É,í%»½,à“ü,ê,È,¢)  
ECHO %%A  
ENDFOR
```

□\`¢

%»<sup>3</sup>,è,½FOR,Å,í□AENDFOR,Ü,Å,ì,·,×,Ä,ìŽÀ□s•¶,É'í,μ,Ä•ï□",É'ã“ü,ð□s,È,Á,ÄÆJ  
,è•Ô,μŽÀ□s,ð□s,È,¢,Ü,·□B

□\`¢%»FOR,ìf<□[fv“à,Å□s,È,αGOTO,í-â'è, ,è,Ü,<sup>1</sup>,ñ,ª□Af<□[fvŠO,©,çGOTO,Åf<□[f  
v“à,ÉfWffff“fv,ð,·,éŽ-,â□A,Ü,½,» ,ì<t,í□s,È,í,È,¢,Å,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,¢□B

,Ü,½□AFOR•¶“à,ÅFOR•¶,ðŽg—p,·,é(“ü,êŽq,É,·,é),±,Æ,í,Å,«,Ü,<sup>1</sup>,ñ□B

-ß,è'I

, ,è,Ü,<sup>1</sup>,ñ□B

ŽQ□I

FOR(fofbf`fRf}f“fhÆÝŠ·)

**EXEC[=ftf%ofO] ŽÀ[sftf@fCf<-¼**

ŽÀ[sftf@fCf<,đ<N“® ,µ[Afofbf` ,ÍŽÀ[s,ªI—  
¹,·,é,Ü,Ā'âŽ~ ,µ,Ü,·B•K, ,Šg'£Žq,àŽw'è,µ,Ā,,¾,¾,çB

ŽÀ[sftf@fCf<-¼,Ì,Ý,Ā<N“® ,·,é,Ì,Æ“ ,ŕ,Ā,·,ª[Aftf%ofO,ÌŽw'è,đ[s,È,æŽ-  
,É,æ,è<N“®[ó'Ô,đŽw'è,Ā,«,Ü,·B

ŽÀ[sftf@fCf<-¼,ÉfpfX-¼,đŠÜ,ß,È,ç[ê[#,ÍjffCEf“fg, WINDOWS, Windows,Ì  
SYSTEM, WinBatchEh <N“®ŽŽ,É[Ý'è,¾,ê,Ā,ç,½SĀ<«•İ” PATH  
,ÍjffBfCEfNfgfŠ(16fjrfbfgfo[fWfj” ,Ā,Í WinBatchEh “à,Ā[Ý'è,µ,½ PATH  
,ÍZQ[Æ,µ,Ü,¹,ñ),đCEY[đ,É[s,«,Ü,·B

DOS—p,ÌŽÀ[sftf@fCf<,Í“®[ì,·,é,©,à'm,ê,Ü,¹,ñ,ª[¾Ž®,ÈfTj][fg,Ā,Í, ,è,Ü,¹,ñB,Ü  
,½DOS—p,ÌŽÀ[sftf@fCf<[I—¹CEã,ÌERRORLEVEL,ÍCOMMAND.COMŒo—  
R,Ā<N“® ,µ,Ā,ç,éŽ-,à, ,Ā,ĀŽæ“¾,·,éŽ-,ª,Ā,«,Ü,¹,ñ,µ[AfŠf\_fCfCEfNfVfj” ,à-  
¾Œø,É,È,è,Ü,·B

ŠÖ~A•t, ,ª[s,È,í,ê,Ā,ç,éftf@fCf<,đ'¼[ÚŽw'è,·,é,±,Æ,à%oĀ“\  
,Ā,·(SW\_NOEXT,ªŽw'è,¾,ê,Ā,ç,é,Æ,«,đ[œ,)B—á,!,Í WINBATC.H.TXT  
,đ<N“® ,·,é,Æ[ATXT ftf@fCf<,É NOTEPAD.EXE ,ªŠÖ~A•t, ,¾,ê,Ā,ç  
,ê,İ[ANOTEPAD,Ífpf%of[[f^[[,É WINBATC.H.TXT ,đ“n,µ,Ā<N“® ,ª[s,È,í,ê,Ü,·B

ftf%ofO,É,Í^È%oo,ì,à,Ì,đŽw'è,Ā,«,Ü,·B('è<`•ŕŽš—ñ,đŽg—  
p,·,é[ê[#,Í'â•ŕŽš,ĀŽw'è,µ,Ā,,¾,¾,ç)B

<[ ]'l> <'è<`•ŕŽš—ñ>	<<N“®[ó'Ô>
Žw'è,È,µ	
fAfvfŠ,ÌffftfHf<fg,Ì'â,«,¾	
0 SW_HIDE	”ñ•\Ž;
1 SW_NORMAL ,Ü,½,Í	fEfBf“fhfE[ó'Ô
SW_SHOWNORMAL	
fEfBf“fhfE[ó'Ô	
2 SW_SHOWMINIMIZED	fAfCfRf“[ó'Ô
3 SW_MAXIMIZE ,Ü,½,Í	[Ā'â»[ó'Ô
SW_SHOWMAXIMIZED	[Ā'â»[ó'Ô
5 SW_SHOW	
fAfvfŠ,ÌffftfHf<fg,Ì'â,«,¾	
6 SW_MINIMIZE	
”ñfAfNfefBfu,ÈfĀfCfRf“[ó'Ô	
7 SW_SHOWMINNOACTIVE	
”ñfAfNfefBfu,ÈfĀfCfRf“[ó'Ô	
128 SW_NOEXT	ŠÖ~A•t, ,đ-
¾Ž<	



ftf%ofO,ìY'è,É,æ,Á,Ä,ífAfvfŠfP[fVf#f",ª"®ì,μ,È,çŽ-,ª, ,è,Û,·,ì,ÅA,»,ìê#ftf  
%ofO,ð•ìX,μ,Ä<N"®,<sup>3</sup>,<sup>1</sup>,Ä,Ý,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,çB

32frfbfgfo[fWf#f",ÅAWin32fAfvfŠfP[fVf#f",ðEXECfRf}f"fh,Å<N"®,<sup>3</sup>,<sup>1</sup>,½ê#  
A!—<sup>1</sup>Žž,ífAfvfŠfP[fVf#f",ífŠf^[f"FR[fh,ªŠÂ<«•ì" "\_RETURNCODE\_"  
,ÉY'è,<sup>3</sup>,ê,Û,·B

**-ß,è'I**

0 ` 31  
32 `

fvf fOf%f€,ªŽÀs,Å,«,È,ç  
³íŽÀs

**—á**

EXEC CALC.EXE  
EXEC=2 CALC.EXE  
EXEC=SW\_MAXIMIZE CALC.EXE  
EXEC=SW\_MAXIMIZE WINBATCH.TXT

**ŽQI**

START

ftf@fCf<,ðŽÀs

## START[=ftf%ofo] ŽÀ sftf@fCf<-¼

ŽÀ sftf@fCf<, ð<N“ ®, µ, Ü, ·, ºAZÀ s, ºI—¹, ·, é, ì, ð’Ò, ½, ·, Éfofbf` , ÌŽÀ s, º±  
, ·, Ä s, È, í, ê, Ü, · B·K, · Šg’ÉŽq, àŽw’è, µ, Ä, ·, ¾, ¾, ºB

ŽÀ sftf@fCf<-¼, ÉfpfX-¼, ðŠÜ, ß, È, ºê±, ÌjffCef“fg, WINDOWS, Windows, Ì  
SYSTEM, WinBatchEh <N“ ®ŽŽ, ÉY’è, ¾, ê, Ä, º, ½SÄ«·İ” PATH  
, ÌfffBfCefNfgfŠ(16frfbfgfo [fWfj” , Ä, Í WinBatchEh “à, ÄY’è, µ, ½ PATH  
, ÌZQ [Æ, µ, Ü, ¹, ñ), ðCEY [õ, È s, «, Ü, · B

DOS—p, ÌŽÀ sftf@fCf<, Í“ ® [ì, ·, é, ©, à’m, ê, Ü, ¹, ñ, ºŽŽ®, ÈTfj [fg, Ä, Í, ·, è, Ü, ¹, ñ B, Ü  
, ½DOS—p, ÌŽÀ sftf@fCf< [I—¹CEã, ÌERRORLEVEL, ÍCOMMAND.COMCEo—  
R, Ä<N“ ®, µ, Ä, º, éŽ-, à, ·, Ä, ÄŽæ“¾, ·, éŽ-, º, Ä, «, Ü, ¹, ñ, µ [AfŠf\_fCfCefNfvfj” , à-  
¾CEø, È, È, è, Ü, · B

ŠÖ~A·t, ·, º s, È, í, ê, Ä, º, éftf@fCf<, ð’¼ [ÜŽw’è, ·, é, ±, Æ, à%oÄ”\  
, Ä, · (SW\_NOEXT, ºŽw’è, ¾, ê, Ä, º, é, Æ, «, ð [œ, ) B—á, Ì, Í WINBATCH.TXT  
, ð<N“ ®, ·, é, Æ [ATXT ftf@fCf<, È NOTEPAD.EXE , ºŠÖ~A·t, ·, ¾, ê, Ä, º  
, è, Í [ANOTEPAD, Ìfpf%ofo [f^ [ [É WINBATCH.TXT , ð“n, µ, Ä<N“ ®, º s, È, í, ê, Ü, · B  
Windows95, Ä, Í [AfVf [ [fgjfbfgftf@fCf<(\*.lnk), âfCf“f^ [ [fbfgfGfNfXfvf [ [f%o  
, Ä, Ì [ [fj<ftf@fCf<, ÌŽw’è(file:filename.htm)  
, à [ASTARTfRf}f“fh, ÄŠÖ~A·t, ·, ¾, ê, ½ftf@fCf<, Æ, µ, Ä<N“ ®, ·, é, ±, Æ, º, Ä, «, Ü, · B, ±  
, è, º, Ì“Äžè, ÈŠÖ~A·t, ·ftf@fCf<, Ì<N“ ®, º, Ä, «, é, Ì, ÍSTARTfRf}f“fh, ¾, ·, Ä [AEXECfRf}f  
“fh, Ä, Ì<N“ ®, Ä, «, Ü, ¹, ñ, µ [ASTARTfRf}f“fh, Ä, àCEã [q, Ì /WAIT flfvfvfj” , ÌŽg—  
p, Ä, «, Ü, ¹, ñ, Ì, Ä, ² [Ó, ·, ¾, ¾, º B

ftf%ofo, ÌŽw’è, ð s, È, æŽ-, È, æ, è<N“ ® [ó’Ô, ðŽw’è, Ä, «, Ü, · Bftf%ofo, È, Í^È  
%oº, Ì, à, Ì, ðŽw’è, Ä, «, Ü, · B(’è< · [Žš—ñ, ðŽg—p, ·, éê±, Í’á· [Žš, ÄŽw’è, µ, Ä, -  
, ¾, ¾, º) B

< [” ’ l> < ’ è< ` · [Žš—ñ>	<< N“ ® [ó’ Ô>
Žw’è, È, µ	
fAfVfŠ, ÌfffTfHf<fg, Ì’á, «, ¾	
0 SW_HIDE	”ñ·\Ž;
1 SW_NORMAL , Ü, ½, Í	fEfBf“fhfE [ó’ Ô
SW_SHOWNORMAL	
fEfBf“fhfE [ó’ Ô	
2 SW_SHOWMINIMIZED	fAfCfRf“ [ó’ Ô
3 SW_MAXIMIZE , Ü, ½, Í	[Ä’ ä» [ó’ Ô
SW_SHOWMAXIMIZED	[Ä’ ä» [ó’ Ô
5 SW_SHOW	
fAfVfŠ, ÌfffTfHf<fg, Ì’á, «, ¾	
6 SW_MINIMIZE	
”ñfAfNfefBfu, ÈfAfCfRf“ [ó’ Ô	
7 SW_SHOWMINNOACTIVE	

"ñfAfNfefBfu, ÈfAfCfRf"□ó'Ô  
128 SW\_NOEXT  
³Ž<

ŠÖ~A•t, -, ð-

ftf%ofO, ì□Ý'è, É, æ, Á, Ä, ÌfAfvfŠfP□[fVf#f", "® □ì, µ, È, çŽ-, "a, , è, Ü, ·, Ì, Å□A, » , ì□ê□#ftf  
%ofO, ð•ì□X, µ, Å<N"® , ³, ¹, Å, Ý, Ä, , ¾, ³, ç□B

, Ü, ½□AWindows95, ÌSTARTfRf}f"fh, Æ, ÌCEÝŠ·, ðŽ□, ½, ¹, é, ½, ß, É□AfIfvfVf#f", É, æ, é  
"® □ì, ÌŽw'è, àftf|□[fg, µ, Ü, ·□B, » , è, ¼, è, ÌfIfvfVf#f", ðSTART, Ì, ·, ® CEã, ÉŽw'è, µ, Ä, -  
¾, ³, ç(·ì", ÌfIfvfVf#f", ðŽw'è, ·, é□ê□# , Ì, » , è, ¼, è, ÈfXfy□[fX•¶Žš, ð"ü, è, Ä, , ¾, ³, ç)□B

/W[AIT]  
fRf}f"fh, ÌŽÀ□s, "a□I, í, é, Ü, Å'ò, Å  
/M[INIMIZED] fAfCfRf"□ó'Ô, Å<N"®  
/MAX[IMIZED] □Å'ã»□ó'Ô, Å<N"®  
/R[ESTORED]  
fAfvfŠ, ÌffftfHf<fg, Ì'ã, «, ³, Å<N"®

32frfbfgfo□[fWf#f", Å, Í^È%oo, ÌfIfvfVf#f", àŽw'è, Å, «, Ü, ·(16frfbfgfo□[fWf#f", Å, Í, ±  
ÌfIfvfVf#f", ÌŽw'è, µ, Ä, à-³Ž<, ³, è, Ü, ·)□B

/I[INPUTIDLE]  
fRf}f"fh, Ì<N"®, "aŠ®'S, É□s, È, í, è, é, Ü, Å'ò, Å

-ß, è'I  
0 □` 31 fvf□fOf%f€ , "aŽÀ□s, Å, «, È, ç  
32 □` □³□íŽÀ□s

-á  
START CALC.EXE  
START=2 CALC.EXE  
START=SW\_MAXIMIZE CALC.EXE  
START=SW\_MAXIMIZE WINBATCH.TXT  
START /MINIMIZED CALC.EXE  
START /I /MAX CALC.EXE

ŽQ□I  
EXEC  
ftf@fCf<, ðŽÀ□s

## MORE [ffffBfCefNfgfŠ-¼] ftf@fCf<-¼ [ftf@fCf<-¼..] [[ffffBfCefNfgfŠ-¼] ..]

fefLjXfgftf@fCf<,l"à—e•\Ž!,đ□s,È,ç,Ü,·□B%œ—Ê□s□"•ª•\Ž!,đ□s,È,ç,Æ^èŽž'âŽ~ ,đ□s,È,ç,Ü,·□B

DOS,ìMORE,æ,èŠg'£,³,è,Ä,ç,Ä•j□",lftf@fCf<,đŽw'è,·,é,±,Æ,ª,Å,« ,Ü,·□B•j□",lftf@fCf<,ªŽw'è,³,è,½□ê□#□A2"Ó-Ú^È□~ ,lftf@fCf<,đ•\Ž!,·,é'O,É,à^èŽž'âŽ~ ,đ□s,È,ç,Ü,·□B

ffffBfCefNfgfŠ(ftfHf<f\_),ªŽw'è,³,è,½□ê□#□A,» ,é^È□~ ,lftf@fCf<-¼,í,» ,lffffBfCefNfgfŠ, ©,çCfY□ö,ª□s,È,í,è,Ü,·□B

^èŽž'âŽ~'t,É[ESC],Ü,½,lf}fEfX,ì%œf{f^f",đ%œÿ,·,Æ□AfRf}f"fh,ì□^—□,ª'tŽ~ ,³,è,Ü,·(fofbf` ,l" ® □ì,íCep'±,³,è,Ü,·)□B

### -ß,è'l

0	□³□í□I-¹
1	•\Ž!, Å, «, È, ç
2	ftf@fCf<,ªCf, Å, ©, ç, È, ç
20	[ESC], Ü, ½, Í%œfNfŠfbfN, É, æ, é't'f
255	fpf%□□[f^□[,ª•s'«

### —á

MORE A:\FILENAME.TXT  
MORE A:\ CONFIG.SYS AUTOEXEC.BAT  
MORE A:\DOC FILE1.DOC FILE2.DOC A:\TXT FILE3.TXT

### ŽQ□I TYPE

## GETKEYSTATE fL[fR[fh

Žw'è,lfL[(f}fEfX,đŠÜ,p),º%oÿ,³,ê,Ä,ç,é,©,Ç,κ,©,đ'²,x,Ü,·B

fL[fR[fh,É,í%¼'zfL[fR[fh,Ü,½,í'A',È,Ç,ìŽÀÛ,ì•¶Žš,đŽw'è,μ,Ü,·B  
%¼'zfL[fR[fh,ìŽQÆ

fobftf@“à,É,½,Ü,Á,Ä,ç,éfL[,Å,í,È,□A,»,ìŽž,É%ÿ,³,ê,Ä,ç,é,©,Ç,κ  
,©,í”»è,đ•Ô,μ,Ü,·,ì,Å,²'^Ó,,¾,³,çB

-ß,è'l

0

1

255

fL[, º%ÿ, ³, ê, Ä, ç, È, ç  
fL[, º%ÿ, ³, ê, Ä, ç, é  
fpf%ff[f^[, º•s'«

—á

GETKEYSTATE VK\_SHIFT

ŽQ

PAUSE

**CHOICE [/C[:]'I'ðŽ^] [/N] [/S] [/K] [/H] [/T[:]c,nn] [•ŋŽš—ñ]**

'I'ðŽ^,ì't,ìfL□[,ª“ü—í,³,ê,é,ì,ð'Ò,Á,Ä□A“ü—í,³,ê,½fL□[,ì'l,ð•Ô,μ,Ü,·□B

^È%º,ìfìfvfVf†f“,ªŽw'è,Á,«,Ü,·(fìfvfVf†f“<y,Ñ•ŋŽš—ñ,ÆfìfvfVf†f“,ÌŠÔ,ìfXfy□[fX,ð<ó,¯,Ä,,¾,³,ç)□B

/C[:]'I'ðŽ^ 'I'ðŽ^,Æ,μ,Ä“ü—  
Í,ð□s,È,ì,é fL□[,ðŽw'è,μ,Ü,·□BffftfHf<fg,Í YN ,Á,·□B  
/N fvf□f“fvfvg,Í□I,í,è,É'I'ðŽ^,Æ ? ,ð•\  
Žì,μ,Ü,¹,ñ□B  
/S 'I'ðfL□[,Ì'â•ŋŽš,Æ□¬•ŋŽš,ð<æ•Ê,μ,Ü,·□B  
/K “ü—í,μ,½fL□[,ÌfR□[fh,ð,»,Ì,Ü,Ü—  
ß,è'l,Æ,μ,Ä•Ô,μ,Ü,·□B  
/H “ü—í,μ,½fL□[,Ì•\Žì(fGfR□[fofbfN),ð□s,È,ç  
,Ü,¹,ñ□B  
/T[:]c,nn nn•bEo%ß,μ,½Eã,Ì'I'ðŽ^,ÌŠù'è'l,ð c  
,Ì•ŋŽš,ÉŸ'è,μ,Ü,·□B  
•ŋŽš—ñ •\Žì,·,éfvf□f“fvfvg•ŋŽš—ñ,ðŽw'è,μ,Ü,·□B

-ß,è'l(ERRORLEVEL),Æ,μ,Ä□A'I'ðŽ^,ì□æª,©,ç,ì□#□~,Á1,2,3...,ì□"l,ª•Ô,è,Ü,·□B

fpf%of□□[f^□[,ð•t,¯,·,ÉŽÀ□s,·,é,Æ□A

[Y,N)?

,ì•\Žì,É,È,è,Ü,·□B  
,È,“□Afofbf`ŽÀ□sfEfbf“fhfE(EXECUTEWND),ª•\Žì,³,ê,Ä,ç,È,ç□ó'Ô,Á,Í•ŋŽš—ñ,ì•\  
Žì,à□s,È,ç,Ü,¹,ñ,μ□AfL□[“ü—í,à'Ò,¿,Ü,¹,ñ□B,»,ì□é□#,Í CHOICEBUTTON ,ðŽg—  
p,μ,Ä,,¾,³,ç□B

/T,ÁŽw'è,Á,«,é,ì,í0□`65535•b,ìžžšÔ,Á,·□B

/S,ðŽw'è,·,é,Æ□A'I'ðfL□[,ì'â•ŋŽš,Æ□¬•ŋŽš,ð<æ•Ê,μ,Ü,·□B,±  
,ìfìfvfVf†f“,ðŽw'è,μ,È,ç□é□#□A'â•ŋŽš/□¬•ŋŽš,Í<æ•Ê,³,ê,Ü,¹,ñ□B

/K,ðŽw'è,·,é,Æ□A“ü—í,μ,½fL□[fR□[fh,ð,»,ì,Ü,Ü-ß,è'l,Æ,μ,Ä ERRORLEVEL  
,É•Ô,μ,Ü,·□B/S ,ðŽw'è,μ,Ä,ç,È,¯,è,ì□AfL□[fR□[fh,ì'â•ŋŽš,É•İŠ,³,ê,Ü,·□B,È,“□A  
%op□“Žš<L□+^ÈŠO,Á“ü—í,Á,«,é fL□[(,©,Á,±“à,ìfL□[fR□[fh)  
,ì□AfSf^□[f“(13)□Af^fu(9)□AfofbfNfXfy□[fX(8)□AfRf“fgf□□[f<fL□[,Æ  
%opŽš/<L□+,ì'g,Y□#,í,¹(1□`31)□A,»,è,Éf}fEfx,ì□ŋ(1)□A%oE(2)f{f^f“,Á,·□B

•ŋŽš—ñ ,ì□æª,É "/" ,ðŽw'è,·,éŽ-,í,Á,«,Ü,¹,ñ□B

-ß,è'l

0 0`  
255

fšf^[]f“’l  
fpf%[]f^[] , ìfGf%[]

—á

CHOICE ,æ,ë,μ,ϕ,Å,·,©

CHOICE /C:123456 1[]`6,ì[]”Žš,đ“ü—í,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ

CHOICE /C:123456 /T:1,10 1[]`6,ì[]”Žš,đ“ü—í,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ

ŽQ[]

CHOICEBUTTON

PAUSE

**LET ŠÂ««•İ□”-¼=□””ICEvŽŽŽ®**

ŠÂ««•İ□”,ÉCEvŽŽCE<%oÊ,đ’ă“ü,μ,Û,·□B

PRINTF ,ì•û,ª•;ŽG,ÈŽw’è,ª%oÂ”\,Â,·,ª□A10□i□”,¾,¯,ì%o  
%oŽŽCE<%oÊ,đ’ă“ü,·,é,ì,É LET ,ÍŠÈ’P,È<L□q,Â’ă“ü,ª□s,È,ì,Û,·□B  
□””l,ìŽw’è•”•ª,Â,í%o%oŽŽ,đŠÛ,ß,ĂŽw’è,ª,Â,«,Û,·(□””l,ìŽw’è•û-@)□B

**-ß,è’l**

0  
254

□³□í□I-¹  
ŠÂ««•İ□”,Ì-Ì^æ,ª’«è,È,¢

**—á**

LET Y=128+1024\*16  
LET COUNT=COUNT+1  
LET X=RANDOM 10

**ŽQ□l**

SET  
SPRINTF



## PRINTF [^Ž® [^ø [^ø] ...]

[^Ž®,É],Á,Ä,·\Ž!,ðs,È,ç,Ü,·BCÉ¾CEê,È,Ç,Ìprintf,ÆŽ—,½fRf}f“fh,Ä,·B

[^Ž®,É,í^È%º,ÌCE`Ž®,ªŽg—p,Ä,«,Ü,·B([,Á^í,í,ê,½€-Ú,ÍÈ—ª%Á\,Ä,·)B[^Ž®,Ä,Í%op·¶Žš,ì`â-·¶Žš,ª<æ·É,³,ê,Ü,·B

%%[-][#][0][width][.precision]type

%%	^ø",ì%øðŽš,ðšJžN(fofbf`“à,È,ì,Ä%,ðd,È,Ä,,¾,³,ç)
-	o—í,ð¶µ,í,É,µA o—í'í,ì%øE'ª,ðwidth,ì·s'«·ª0,â<ó"',Ä-,,,ß,é
#	16i",ì,Æ,«0x,Ü,½,Í0X,ð·t,¯,Ä·\Ž!
0	o—í·,ªwidth,æ,è,È,¯,ê,í·s'«·ª'0',Ä-,,,ß,é
width	o—í·,ìÄ-í',ð10i",ÄŽw'è
.precision	·¶Žš—ñ,ìÄ'â·\Ž!'·,³,ðŽw'è
type	o—í,·,é“à—e,ðŽw'è
d, i	(·,¶t·t,«)10i@
u	(·,¶t,È,µ)@
x	(·,¶t,È,µ)16i"(—·¶Žš)
X	(·,¶t,È,µ)16i"('â·¶Žš)
c	'P^ê·¶Žš
s	·¶Žš—ñ
%%	%Ž©g(^ê,Ä,ì%,ðŽw'è,·,é,É,Í%,ð4,Äd,È,é,±,Æ,É,È,è,Ü,·)

,Ü,½[^Ž®,É,í^È%º,ÌfGfXfP[fv,ªŽg—p,Ä,«,Ü,·('\,ìžŸ,ì%opŽš,Í-·¶Žš,ÄŽw'è,µ,Ä,,¾,³,ç)B

\n	%ü s
\g	fxf<(SystemDefault,ÌTfEf“fh,ðÄ¶)
\t	f^fu(0x09)
\xNNNN	4E...Ü,Ä,ì16ifR[fh1·¶Žš(ASCII,šžŽš)
\(ŠÄ«·İ")	ŠÄ«·İ",ì“à—e
\\	\Ž©g

·,¶t·t,«,ì""'í,à·\Ž!,Ä,«,é,©,ÆŽv,ç,Ü,·,ªA, ,Ü,è^Ó-í,ª,È,ç,©,à'm,ê,Ü,¹,ñB""'í,ìŽw'è·"·ª,Ä,Í%º  
%øŽZ,ðšÜ,ß,ÄŽw'è,ª,Ä,«,Ü,·(""'í,ìŽw'è·û-@)B

·¶Žš—ñŽw'è(%s),ðŽw'è,·,éêê#,Íf\_fuf·fNfH[fe[fvf#f“(”),Ä·¶Žš—ñ,ð^í,Ä,Ä,-¾,³,çB(—á: "STRINGS")

ftf@fCf<-¾,È,Ç,ª“ü,Á,½ŠÄ«·İ",â·¶Žš—ñ,ð[^Ž®'ª,ÄŽg—p,·,é,ÆA<L¶t,Ä,ÌGfXfP[fv·¶Žš,Æ,µ,Ä,ì^—,ªs,È,í,ê,Ä,µ,Ü,ç,Ü,·,ì,ÄA%  
%s,Ä^ø",É,·,é,æ,ª,É,µ,Ä,,¾,³,ç)B

```
□'Ž® ,É<ó"" •¶Žš,ª•K—v,È□ê□‡fuf<fNfH□[fe□[fvf‡f""( ),Å□'Ž® ,đ^í,Á,Ä,-
,¾,¾,‡□B(—á: ""S•",Å %%d ĆĀ,łftf@fCf<,Å,·")
WinBatchEh Ver.1.31^È
%oº,łfo□[fWf‡f"" ,Å,í□A□'Ž® ,¾,·,đf_fuf<fNfH□[fe□[fvf‡f"" ,Å^í,Á,Ä□AfŠf_fCfĆfNfg□
o—í,đ□s,È,‡□ê□‡,É□A"strings" >filename ,ł,æ,‡
,É□AfŠf_fCfĆfNfg<L□‡,í'O,É^ê,Å^È□ă,łfXfy□[fX,đ<ó,·,é•K—v,ª, ,è,Ü,·□B
```

```
CC¾ĀĆĕ,ĀfTfj□[fg,¾,ê,Ä,‡,é,à,ì,Ā,à□A,±,±,É□',©,ê,Ä,È,‡ type(—
á,ł,łlongĆ^ ,âfloatĆ^ ,È,Ĉ) ,í"®□ì,ª•s^Ā'è,É,É,é%oĀ"\□«,ª, ,è,Ü,·,ì,ĀŽw'è,μ,È,‡
,Ā,,¾,¾,‡□B
```

```
PRINTF,í \n ,đ•t,·,È,·,ê,î%oü□s□^—□,đ□s,È,‡,Ü,¹,ñ□B%oü□s,đ□s,È,‡•K—
v,ª, ,é□ê□‡,í□ĀĆă,É \n ,đ•t,·,Ā,,¾,¾,‡□B
```

```
^ø□",É,íWinBatchEh,ĀŽg—p,Ā,« ,éfRf}f"fhy,ŃŠO•"fRf}f"fhy,àŽw'è,·,é,±
,Ā,ª,Ā,« ,Ü,·('A,μŠO•"fRf}f"fhy,íWinBatchEh—p,łft□[fefBfŠfefB□[ ^ÈŠO,í^Ó—i,ª, ,è
,Ü,¹,ñ)□B^ø□",ÉfRf}f"fhy,đŽw'è,·,é□ê□‡,í□æ"ª,É '!',đŽw'è,μ,Ā,,¾,¾,‡(—á: !
GETCLOCK)□BfRf}f"fhy,É<ó"" ,ª•K—v,È□ê□‡,í '!' ^È□~ ,đ " " ,Ā^í,‡,Ü,·(—á: !"CD
A:")□B
```

```
^ø□",Ā,í,É,È,é□'Ž®,ª ""%d"
,É,Ĉ,ì□""l,Ā, ,é□ê□‡,í□AfRf}f"fhyŽĀ□sĆă,ìERRORLEVEL,ª□A"%%s",ì•¶Žš—ñ,Ā, ,é
□ê□‡,łfRf}f"fhyŽĀ□sŽž,łfofbf`ŽĀ□s%oæ—Ē,Ö,ì□o—í,ªŽæ,è□ž,Ü,ê,Ü,·□B
fRf}f"fhy,đ<N"® ,μ,½□ê□‡□AERRORLEVEL,í□ĀĆă,łfRf}f"fhy,É,æ,è•Ô,¾,ê,½'l,Ā,È,
è,Ü,·□B
```

```
fGfXfP□[fv,ì \(\ŠĀ««•í□") ,đŽg—p,·,ê,îŠĀ««•í□",đ"z—ñ"l,É^μ,‡,±,Ā,ª%oĀ"l
,É,È,è,Ü,·□B—á,ł,ł DATA[1], DATA[2]... ,Ā,‡,‡ŠĀ««•í□",É'l,ª'ă"ü,¾,ê,Ä,‡,Ā"z—
ñ,ì"YŽš,đ COUNT ,Ā,‡,‡ŠĀ««•í□",ĀŽ,·,Ā,·,ê,î□A\ (DATA[%COUNT%]) ,Ā•K—
v,ÈŠĀ««•í□",ì"à—e,đŽæ,è□o,¹,Ü,·□B
```

```
fGfXfP□[fv,ì \xNNNN ,đŽg—p,·,é□ê□‡,í□A^ø□"(%d,È,Ĉ),í^ê□ØŽg—p,Ā,« ,Ü,¹,ñ□B
```

**-ß,è'l**  
, ,è,Ü,¹,ñ□B

**—á**  
PRINTF "%%d %oňŽĀ□s,đ□s,È,‡,Ü,·\n" %1  
PRINTF "Ć»□Ý,í %%02d Žž,Ā,·\n" %HOUR%  
PRINTF "Ć»□Ý,łfffBfĆfNfgfŠ,í %s ,Ā,·\n" !CD  
PRINTF 'l'đ,¾,ê,½ftf@fCf<,í%o,s,Ā,· "%FNAME%"  
PRINTF "\x00\x01\x02" >datafile.dat

**ŽQ□l**  
ECHO  
SPRINTF



## SPRINTF ŠÂ««•İ”-¼ □Ž® [^ø” [^ø”] ...]

□Ž®,É],Á,ŠŠÂ««•İ”,É’ã“ü,ðs,È,ç,Ü,·□BCÆ¾Æê,È,Ç,İsprintf,ÆŽ—  
½fRf}f“fh,Å,·□B

□o—Í,³,ê,éÆ<%oÊ,ª%½,à,È,ç□ê□#□AŠÂ««•İ”,Í<ó,É,È,è,Ü,·(□í□œ,³,ê,Ü,·)□B

□Ž®,É,Í^È%o°,İÆ`Ž®,ªŽg—p,Å,«,Ü,·□B(□,Å^Í,í,ê,½□€-Ú,Í□È—ª%oÅ”\  
Å,·)□B□Ž®,Å,Í%op•¶Žš,İ’â□-•¶Žš,ª<æ•É,³,ê,Ü,·□B

%%[-][#][0][width][.precision]type

%%	^ø”,İ%øŽšß,ðŠjŽn(fofbf`“à,È,İ,Å%,ð□d,È,Ä,,¾,³,ç)
-	□o—Í,ð□¶’µ,İ,É,µ□A□o—Í’İ,İ%oE’x,ðwidth,İ’s’«•ª0,â<ó”,Å-,,,ß,é
#	16□i□”,İ,Æ,«0x,Ü,½,Í0X,ð•t,~,Ä•\Ž!
0	□o—Í•□,ªwidth,æ,è□,È,~,ê,İ’s’«•ª’0’,Å-,,,ß,é
width	□o—Í•□,İ□Å□-’İ,ð10□i□”,ÄŽw’è
.precision	•¶Žš—ñ,İ□Å’â•\Ž!’·,³,ðŽw’è
type	□o—Í,·,é“à—e,ðŽw’è
d, i	(•,□+•t,«)10□i□®□”
u	(•,□+È,µ)□®□”
x	(•,□+È,µ)16□i□”(□-•¶Žš)
X	(•,□+È,µ)16□i□”(‘â•¶Žš)
s	•¶Žš—ñ
c	’P^ê•¶Žš
%%	%Ž©□g(^ê,Å,İ%,ðŽw’è,·,é,É,Í%,ð4,Å□d,È,é,±,Æ,É,È,è,Ü,·)

Ü,½□Ž®,É,Í^È%o°,İfGfXfP□[fv,ªŽg—p,Å,«,Ü,·□B

\xNNNN 4Æ...,Ü,Å,İ16□ifR□[fh1•¶Žš(ASCII,ŠžŽš)  
\(ŠÂ««•İ”) ŠÂ««•İ”,İ“à—e  
\ \ Ž©□g

•,□+•t,«,İ□”’İ,à’ã“ü,Å,«,é,©,ÆŽv,ç,Ü,·,ª□A, ,Ü,è^Ó-i,ª,È,ç  
,©,à’m,ê,Ü,¹,ñ□B□”’İ,İŽw’è•”•ª,Å,Í%  
%oŽZ,ðšÜ,ß,ÄŽw’è,ª,Å,«,Ü,·(□”’İ,İŽw’è•û-@)□B

•¶Žš—ñŽw’è(%s),ðŽw’è,·,é□ê□#,İf\_fuf<fNfH□[fe□[fvf}f“(“),Å•¶Žš—ñ,ð^Í,Á,Ä,-  
¾,³,ç□B(—á: "STRINGS")

ftf@fCf<-¼,È,Ç,ª“ü,Á,½ŠÂ««•İ”,â•¶Žš—ñ,ð□Ž®’x,ÄŽg—  
p,·,é,Æ□A<L□+Å,İfGfXfP□[fv•¶Žš,Æ,µ,Ä,İ□^—□,ª□s,È,í,ê,Ä,µ,Ü,ç,Ü,·,İ,Å□A%  
%s,Å^ø□”,É,·,é,æ,x,É,µ,Ä,,¾,³,ç□B

□Ž® ,É<ó"" •¶Žš,ª•K—v,É□ê□‡\_fuf<fNfH□[fe□[fVf‡f“(”),Å□Ž® ,đ^í,Á,Ä,-  
,¾,¾,‡□B(—á: "S•",Å %%d CEA,İft‡@fCf<,Å,")

CC¾¾CÊ,Åft‡f□[fg,¾,ê,Ä,‡,é,à,ì,Å,à□A,±,±,É□',©,ê,Ä,È,‡ type(—  
á,ı,İlongC^,âfloatC^,È,‡) ,í"®□ì,ª•s^À'è,É,È,é%oÅ"\□«,ª, ,è,Ü,·,ì,ÅŽw'è,μ,È,‡  
,Å,,¾,¾,‡□B

,Ü,½fGfXfP□[fvŽw'è,ì,κ,ζ□ă<L,É□',©,ê,Ä,‡,È,‡,à,ì(\n,È,‡),ÍŽg—p,μ,È,‡,Å,-  
,¾,¾,‡□B

^ø□",É,ÍWinBatchEh,ÅŽg—p,Å,« ,éfRf}f“fh<y,ŇŠO•"fRf}f“fh,àŽw'è,·,é,±  
,Æ,ª,Å,« ,Ü,·('A,μŠO•"fRf}f“fh,ÍWinBatchEh—p,İft□[fefBfŠfefB□[ ^ÈŠO,Í^Ó-ı,ª, ,è  
,Ü,¹,ñ)□B^ø□",ÉfRf}f“fh,đŽw'è,·,é□ê□‡,í□æ“ª,É '!' ,đŽw'è,μ,Å,,¾,¾,‡(—á: !  
GETCLOCK)□BfRf}f“fh,É<ó"" ,ª•K—v,É□ê□‡,í '!' ^È□~ ,đ " " ,Å^í,‡,Ü,·(—á: !"CD  
A:")□B

^ø□",Æ^í,É,È,é□Ž® ,ª "%%d"  
,È,‡,ì□""ı,Å ,é□ê□‡,í□AfRf}f“fhŽÀ□sCă,İERRORLEVEL,ª□A"%%s",ì•¶Žš—ñ,Å ,é  
□ê□‡,İfRf}f“fhŽÀ□sŽž,İfofbf` ŽÀ□s%oæ-Ê,Ö,ì□o—ı,ªŽæ,è□ž,Ü,ê,Ü,·□B  
fRf}f“fh,đ<N“® ,μ,½□ê□‡□AERRORLEVEL,í□ĂCă,İfRf}f“fh,É,æ,è•Ô,¾,¾,ê,½'ı,Æ,È,  
è,Ü,·□B

fGfXfP□[fv,ì \(\ŠĂ«•İ□") ,đŽg—p,·,ê,İŠĂ«•İ□",đ"z—ñ"ı,É^μ,κ,±,Æ,ª%oÅ"\  
,É,È,è,Ü,·□B—á,ı,İ DATA[1], DATA[2]... ,Æ,‡,κŠĂ«•İ□",É'ı,ª'ă"ü,¾,¾,ê,Ä,‡,Ä"z—  
ñ,ı"YŽš,đ COUNT ,Æ,‡,κŠĂ«•İ□",ÅŽ!,·,Æ,·,ê,İ□A\ (DATA[%COUNT%]) ,Å•K—  
v,ÉŠĂ«•İ□",ì"à—e,đŽæ,è□o,¹,Ü,·□B

-B,è'ı

0  
254  
ŠĂ«•İ□",İ-İ^æ,ª'« ,è,È,‡

—á  
SPRINTF FNAME FILE%%04d.LOG %ERRORLEVEL%  
SPRINTF COUNT %%d COUNT+1 (COUNT,đ1'□,â,·)  
SPRINTF DTIME %%2d:%%02d:%%02d !GETCLOCK=GCL\_HOUR !  
GETCLOCK=GCL\_MINUTE !GETCLOCK=GCL\_SECOND

ŽQı  
SET  
LET  
PRINTF

## GETCURRENT[=ftf%ofO] ŠĀ««•İ”-¼ [fhf%ofCfu-¼]

fjffĒf“fgfhf%ofCfu-¼,âfjffĒf“fgffffBfĒfNfgfŠ(ftfHf<f\_-  
¼,đŽæ“¾,μ,ĀŠĀ««•İ” ,É’ă“ü,μ,Ü,·□B

Žæ“¾,Ā,« ,È,ċ□ê□‡,ÍŠĀ««•İ” ,Í<ó,É,È,è,Ü,·(□í□œ,³,ê,Ü,·)□B

fhf%ofCfu-¼,đ□È—<sup>a</sup>,·,é,Æ□ACE»Ý,lfjffĒf“fgfhf%ofCfu,É,È,è,Ü,·□B

ftf%ofO,É,Í^È%oo<sup>o</sup>,ì,à,ì,đŽw’è,Ā,« ,Ü,·□B’è<`•ŲŽš—ñ,đŽg—p,μ,Ā,,¾,³,ċ(’è<`•ŲŽš  
—ñ,í’ă•ŲŽš,ĀŽw’è,μ,Ā,,¾,³,ċ)□B

<’è<`•ŲŽš—ñ>	<Žæ, è□o, ··”• <sup>a</sup> >	(X:\PATH, İ□ê□‡)
Žw’è, È, μ	fhf%ofCfu-¼	(X:)
GCD_DRV	fhf%ofCfu-¼	(X:)
GCD_PATH	fpfX	(\PATH)
GCD_PATH1	fpfX\	(\PATH\)
GCD_DRVPATH	fhf%ofCfu+fpfX	(X:\PATH)
GCD_DRVPATH1	fhf%ofCfu+fpfX\	(X:\PATH\)
GCD_WINBATCH	WINBATCH.EXE/WINBAT32.EXE, İftf<fpfX-¼(X:\ PATH\WINBATCH.EXE, X:\PATH\WINBAT32.EXE)	

GCD\_WINBATCH,¾,̄,í“ÁŽê,ÈŽw’è,Ā□AWINBATCH.EXE ,Ü,½,Í WINBAT32.EXE  
,İftf<fpfX-¼,đŽæ“¾,μ,Ü,·□B,±,İ□ê□‡fhf%ofCfu-¼,đŽw’è,μ,Ā,à-³Ž<,³,ê,Ü,·□B

,È,̄□AGCD\_DRV,đŽg—p,μ,Ā□A,³,ċ,Éfpf%of□□[f^□[,Éfhf%ofCfu-¼,đ—  
^,̄,½□ê□‡□A—^,̄,½fhf%ofCfu,<sup>a</sup>,»,ì,Ü,Ü’ă“ü,³,ê,Ü,·□B

fRf}f“fh-¼,Í GETCURENT ,Ā,à□\,ċ,Ü,¹,ñ□B’Ô,è,ăŠÔ^á,Ā,Ā,ċ  
,é,ì,Ā,·,ă□A1.21^È’O,İfo□[fWf†f“ ,Ā,Í,±,İŠÔ^á,Ā,½’Ô,è,İfRf}f“fh-  
¼,μ,© Žg,̄,Ü,¹,ñ□B

### -ß,è’l

0	□³□í□I-¹
1	fhf%ofCfu, İfGf%□[
254	ŠĀ««•İ” ,İ-İ^æ, <sup>a</sup> ’« ,è, È, ċ
255	fpf%of□□[f^□[, <sup>a</sup> •s’«

### —á

GETCURRENT DRIVE %1  
GETCURRENT=GCD\_PATH DRV\_C C:

### ŽQ□l

STRTOKFILE

## GETCLOCK[=ftf%ofO] [ŠÂ««•İ”-¼]

Œ»Ý,ì“ú•t,âŽŽŠÔ,øERRORLEVEL,É•Ô,μ,Û,·B  
ŠÂ««•İ”-¼,žw'è,³,ê,é,ÆA,»,ìŠÂ««•İ””,É'ã“ü,ðs,È,ç,Û,·B

ftf%ofO,É,í^È%o°,ì,à,ì,ðŽw'è,Â,«,Û,·B'è`•ŒŽš—ñ,ðŽg—p,μ,Ä,,¾,¾,ç('è`•ŒŽš  
—ñ,í'â•ŒŽš,ÂŽw'è,μ,Ä,,¾,¾,ç)B

<'è`•ŒŽš—ñ>	<žæ, èo, ••”•a>	(1995-05-30(‰Î))
14:20:31.12, İê(‡)		
Žw'è, È, μ	“ú	(30)
GCL_YEAR	”N, İ‰2Œ...	(95)
GCL_YEAR4	”N(4Œ...)	(1995)
GCL_MONTH	ŒŽ	(5)
GCL_DAY	“ú	(30)
GCL_WEEK	-j“ú(θ=“ú-j)	(2)
GCL_HOUR	Žž	(14)
GCL_MINUTE	•a	(20)
GCL_SECOND	•b	(31)
GCL_MSEC	f~fš•b	(12)

f~fš•b,í<@Ží,É,æ,è•K, 0,ª•Ô,è,Û,·(PC98fVfš[fY,ìê•”,È,ç)B,Û,½•Ô,Á,Ä,-  
,é<@Ží,Â,à1/100•b'P^Ê,ì,“x,μ,©Ž,½,È,çê‡,ª, ,è,Û,·B

### -ß,è'l

0 ` 99 žæ“¾, μ, ½'l  
254 ŠÂ««•İ””, İ-İ^æ,ª•s'«

### —á

```
GETCLOCK=GCL_YEAR
GETCLOCK ENV_DAY
GETCLOCK=GCL_HOUR ENV_HOUR
PRINTF "%%02d”N%%02dŒŽ%%02d“ú” !GETCLOCK=GCL_YEAR !
GETCLOCK=GCL_MONTH !GETCLOCK=GCL_DAY
```

### ŽQI

SETCLOCK  
TIMESTAMP  
SLEEPTIME ON

## SETCLOCK "N,CEŽ,"ú,Žž,•a,•b

"ú•t,ÆŽžŠÔ,đŸ'è,μ,Û,•B

Žž□□,đ□"l,ÅŽw'è,μ□A,»è,¼,è,ì□"l,íjff"f}(''),Å<æ□Ø,Á,Ä,,¾,¾,ç□B□"l,í□È—  
a,•,é,±,Æ,â%oÅ"\,Å□A□È—a,μ,½•"•a,íCE»Ÿ,ìŽž□□,â"K—p,¾,è,Û,•B  
"N,ìŽw'è,í4CE...

□A,Û,½,í100^È"à,ì□"l,ÅŽw'è,Å,«,Û,•B100^È"à,ì□"l,ÅŽw'è,μ,½□é□#□A0□`79,È  
ç,î2000,đ□A80□`99,È,ç,î1900,đ'«,μ,½"N,Å^—□,μ,Û,•B

-ß,è'l

, ,è,Û,¹,ñ□B

0

1, 2

255

□³□í□I-¹

fGf%□[

fpf%f□□[f^□[, ìfGf%□[

—á

SETCLOCK 2010,10,1,12,10,0

SETCLOCK 95,1,1

SETCLOCK ,,0,0,0

ŽQ□l

GETCLOCK

TIMESTAMP



## STRTOKFILE[=ftf%ofo] ŠĀ««•İ”-¼ ftf<fpfX-¼

ftf<fpfX,Ā—^,ı,ç,ê,½ftf@fCf<-¼, ©,çftf%ofo,É[] ,Ā,ĀfpfX-¼,âftf@fCf<-¼,đŽæ,è[]o,μ,Ā[]AŠĀ««•İ” ,É’ă“ü,μ,Ü,·[]B

Žw’è,³,ê,½”•ª,ªĈ© ,Ā, ©, ç, È, ç[]ê[]‡,ÍŠĀ««•İ” ,Í<ó,É,È,è,Ü,·(ııœ,³,ê,Ü,·)[]B

ftf%ofo,É,Í^È%o,ı,à,ı,đŽw’è,Ā,«,Ü,·[]B’è<•¶Žš—ñ,đŽg—p,μ,Ā,,¾,¾,ç(’è<•¶Žš—ñ,Í’ă•¶Žš,ĀŽw’è,μ,Ā,,¾,¾,ç)[]B

<’è<•¶Žš—ñ>	<Žæ,è[]o,·•”•ª>	<X:\PATH\NODE.EXT,İ[]ê[]‡>
Žw’è,È,μ	ftf@fCf<-¼	(NODE.EXT)
STF_DRV	fhf%ofofu+:	(X:)
STF_DRV1	fhf%ofofu	(X)
STF_PATHNAME	fhf%ofofu^ÈŠO	(\PATH\NODE.EXT)
STF_PATH	\fpfX	(\PATH)
STF_PATH2	\fpfX\	(\PATH\)
STF_NAME	ftf@fCf<-¼	(NODE.EXT)
STF_NODE	\fm[][fh	(\NODE)
STF_NODE1	fm[][fh	(NODE)
STF_EXT	Šg’£Žq	(EXT)
STF_EXT2	.Šg’£Žq	(.EXT)
STF_SHORT	’Z,çftf@fCf<-¼,Ā[]^—[]	
STF_LONG	’·,çftf@fCf<-¼,Ā[]^—[]	

**STF\_SHORT** , ,é,ç,Í **STF\_LONG** ,Í32frfbfgfo[][fWf‡f” ,Ā,ı,Ÿ^Ó—ı,đŽ,ı,Ü,·(16frfbfgfo[][fWf‡f” ,Ā,ıŽw’è,³,ê,Ā,à-³Ž<,μ,Ü,·)[]B,±,ê,ç,ıftf%ofo,ªŽw’è,³,ê,é,Ā[]Aftf<fpfX-¼,ª’¶[]Ÿ,·,é[]ê[]‡,É[]A’Z,çftf@fCf<-¼,Ü,½,Í’,çftf@fCf<-¼,É(ftf<fpfX’Sİ,đ)•İŠ·,μ,Ā[]^—[],đ[]s,È,ç,Ü,·[]Bftf<fpfX-¼,ıŽw’èŽ©[]g,ı,ç,ı,ç,ıŽw’è,Ā,à[]\,ç,Ü,¹,ñ,μ[]A[]—[]Ÿ,μ,Ā,à[]\,ç,Ü,¹,ñ[]Bftf@fCf<,ª’¶[]Ÿ,μ,È,ç[]ê[]‡,ıftf<fpfX-¼,đ,» ,ı,Ü,Ü[]^—[],μ,Ü,·[]B

ftf%ofo,Í•ı[]” ,ıŽw’è,đ’g,Ÿ[]‡,ı,¹,ĀŽg—p,·,é,±,Ā,ª,Ā,« ,Ü,·[]B—á,ı,ı[]ASTF\_DRV+STF\_PATH ,ıŽw’è,Āfhf%ofofu-¼,ĀfpfX-¼[]ASTF\_PATH+STF\_SHORT ,ıŽw’è,Ā’Z,ç-¼’O,ıfpfX-¼,ĀĈ¾,Ā,½Žæ,è[]o,μ,đ[]s,È,ı,Ü,·[]B•ı[]” ,đ’g,Ÿ[]‡,ı,¹,ĀŽw’è,·,é[]ê[]‡[]AŠŌ,ÉfXfy[] [fX”™ ,ı“ü,ê,È,ç,Ā,,¾,¾,ç)[]B

-ß,è’ı

0	[]³[]ı[]I-¹
1	Žæ,è[]o,·•”•ª ,ªĈ© ,Ā, ©, ç, È, ç
254	ŠĀ««•İ” ,İ-İ^æ,ª’« ,è,È, ç
255	fpf%ofo[] [f^[] [ ,ª’s’«

—á

STRTOKFILE NAME %1  
STRTOKFILE=STF\_DRV DRIVE %NAME%  
STRTOKFILE=STF\_PATH+STF\_SHORT S\_PATH "C:\Program Files\PLUS!\  
PLUS!.DLL"

**ŽQ**

STR

GETCURRENT

**FILELINE ftf@fCf<-¼ [s]"**

ftf@fCf<,ì[s]" ,Ü,½,íŽw'è,ì[s]" ,Æ"äŠr,μ,½Œ<%oÊ,đ•Ô,μ,Ü,·B

ftf@fCf<,ì[s]" ,ÍERRORLEVEL,É•Ô,<sup>3</sup>,è,Ü,·B^μ,ì,éA'á,ì[s]" ,í65534[s,Ä,·B'A,μ  
A'á,«,Éftf@fCf<,Ä,Í^—,ÉŽŽŠÔ,đ—v,μ,Ü,·B

[s]" ,đŽw'è,·,é,ÆAftf@fCf<,ì[s]" ,ÆŽw'è,ì"l,đ"äŠr,μ,Ü,·B[s]" ,É,í0` 65535,  
Žw'è,Ä,«,Ü,·B

ftf@fCf<,ìŠe[s,í512fofCfg,Ü,Ä,ÉfŠf^ [f"FR [fh,<sup>a</sup>ü,Ä,Ä,ç,é•K—v,<sup>a</sup> ,è,Ü,·B512f  
ofCfg,đ%oz,ì,é[s,í,» ,±,Ä<æØ,ç,è,Ä1[s,Æ,Ý,É,<sup>3</sup>,è,Ü,·B

**-ß,è'l**

0	`	65533	ftf@fCf<,ì[s]"
65534			ftf@fCf<,ì[s]" , <sup>a</sup> 65534^Èä
0			([s]"Žw'èŽŽ)Žw'è,ì[s]" ,æ,è¬, <sup>3</sup> ,ç
1			([s]"Žw'èŽŽ)Žw'è,ì[s]" ,Æ"™,μ,ç
2			([s]"Žw'èŽŽ)Žw'è,ì[s]" ,æ,è'á,« ,ç
65535			fpf
%f [f^ [ , <sup>a</sup> •s'«Aftf@fCf< , <sup>a</sup> Œ,Ä,©,ç,È,ç			

**—á**

FILELINE C:\TMP\FILENAME.DAT  
FILELINE C:\TMP\FILENAME.DAT 100

**ŽQ**

FILESIZE  
LINPUTFILE

## LINPUTFILE ftf@fCf<-¼ □s”Ô† [ŠÂ<<•ï□”-¼]

Žw’è, ìftf@fCf<, ì“Á’è, ì□s, ð”², «□o, μ, Ä•\Ž|, μ, Ü, ·□B

^μ, †, é□Å’â, ì□s□”, í65535□s, Å, ·□B’A, μ□A’â, «, Èftf@fCf<, Å, í□^—□, ÉŽžŠÔ, ð—  
v, μ, Ü, ·□B

ŠÂ<<•ï□”-¼, ºŽw’è, º, ê, Ä, ç, ê, î”², «□o, μ, ½□s, ðŠÂ<<•ï□”, É’ã“ü, μ, Ü, ·□B

□s□”, ìfŠf^□[f“fR□[fh’P^Ê, ÅÆvŽZ, º, ê, Ü, ·□BŽw’è, º, ê, ½□s, ºÆ©, Å, ©, ç, È, -, ê, Í  
%º½, à•\Ž|, º□s, È, í, ê, Ü, ¹, ñ□BŠÂ<<•ï□”, É’ã“ü, ð□s, È, Å, Ä, ç  
, é□ê□‡, Í<ó, É, È, è, Ü, ·(□í□œ, º, ê, Ü, ·)□B

ftf@fCf<, ìŠe□s, í512fofCfg, Ü, Å, ÈfŠf^□[f“fR□[fh, º“ü, Å, Ä, ç, é•K—v, º, , è, Ü, ·□B512f  
ofCfg, ð%ºz, †, é□s, Í, »‡, Å<æ□Ø, ç, ê, Å1□s, Æ, Ý, È, º, ê, Ü, ·□B

, È, “□AWinBatchEh, Å, ÍFOR•¶, Åftf@fCf<, ì“à—e, ð“Ç, Ý□o, ·Ž-, à%ºÅ”\, Å, ·□B

**-ß, è’l**

0	□³□í□I-¹
1	Žw’è, ìftf@fCf<, ºÆ©, Å, ©, ç, È, ç
2	Žw’è, ì□s, ºÆ©, Å, ©, ç, È, ç
254	ŠÂ<<•ï□”, ì-ì^æ, º•s’«
255	fpf%□□[f^□[, ìfGf%□[

**—á**

LINPUTFILE FILENAME.TXT 1 LINE1

**ŽQ□l**

FILELINE

FOR

**TIMESTAMP file1 file2**

**TIMESTAMP=ftf%ofo [/B] [/W,/C,/A] filename**

**TIMESTAMP=GCL\_SET [/W,/C,/A] filename "N,ĀŽ,“ú,Žž,•a,•b**

2,Ā,lfjf@fCf<,lf^fCf€fXf^f“fv(ĀXVŽž)  
,l”äŠrAftf@fCf<,lf^fCf€fXf^f“fv,lŽæ“¼AY’è,ðs,È,č,Ü,·B

**TIMESTAMP file1 file2**

2,Ā,lfjf@fCf<,lf^fCf€fXf^f“fv(ĀXVŽž),l”äŠr,ðs,È,č,Ü,·B

”äŠr,ðs,È,Ā,½Ā<%Ē,ÍERRORLEVEL,É•Ô,³,ê,Ü,·B

**-B,è'I**

0	“-,ŕ
1	file1 ,İ•û,ªV,µ,č
2	file2 ,İ•û,ªV,µ,č
10	file1 ,ªĀ,Ā,©,ç,È,č
20	file2 ,ªĀ,Ā,©,ç,È,č
50	file1 fAfNfZfXfGf%[
60	file2 fAfNfZfXfGf%[
255	fpf%f[f^,ªs'«

**—á**

TIMESTAMP A:FILENAME.DOC C:FILENAME.DOC

**TIMESTAMP=ftf%ofo [/W,/C,/A] [/B] filename**

ftf@fCf<,lŽw’è,µ,½ftf%ofo,lf^fCf€fXf^f“fv,ðERRORLEVEL,É•Ô,µ,Ü,·B  
ftf%ofo,É,lŽæ“¼,µ,½,č“ú•t,âŽž,ðŽw’è,µ,Ā,,¼,³,čBftf%ofo,É,Í^È  
%o°,l,à,l,ðŽw’è,Ā,«,Ü,·B’è<`•ŕŽš—ñ,ðŽg—p,µ,Ā,,¼,³,č(’è<`•ŕŽš—  
ñ,l’á•ŕŽš,ĀŽw’è,µ,Ā,,¼,³,č)B

<’è<`•ŕŽš—ñ>	<Žæ,èo,••”•ª>	(1995-05-30
14:20:31,İê‡)		
GCL_YEAR	”N,İ%²Ā...	(95)
GCL_YEAR4	”N(4Ā...)	(1995)
GCL_MONTH	ĀŽ	(5)
GCL_DAY	“ú	(30)
GCL_HOUR	Žž	(14)
GCL_MINUTE	•a	(20)
GCL_SECOND	•b	(31)
(FĀ,Ā,Í30)		

flfvfVf‡f“Žw’è,É,æ,èAŽæ,èo,·f^fCf€fXf^f“fv,lŽw’è,ðs,È,l,Ü,·B

/W ftf@fCf<, ÌÅI X V Žž ( f f f t f H f < f g )  
/C ftf@fCf<, Ì Ì Ì - Žž  
/A ftf@fCf<, Ò, ÌÅI f A f N f z f X Žž

/  
**B**, đžw'è, ·, é, Æ ACE » Ý Žž, Æ f ^ f C f € f X f ^ f " f v, đ " ä Š r, μ, ½ " " l ( f t f @ f C f <, Ì Å I X V Žž Š Ô, È, Ç, ©, ç, Ç, ê, ¾, ¯ Ç e % o ß, μ, ½, © ), đ ERRORLEVEL, É • Ô, μ, Ü, · B  
• Ô, ³, é, é " " l, Ì ' P ^ Ê, Ì f t f % o f O, Ì ž w ' è, É ], ç, Ü, · B — á, Ì, Ì A f t f % o f O, É G C L \_ S E C O N D ( · b )  
, đžw'è, μ, Ä, ç, Ä A 1 • a 3 0 • b, Ì ^ á, ç, a, , é ê ð # ERRORLEVEL, É, Í 9 0, a • Ô, ³, é, Ü, · B " , ¶, -  
A f t f % o f O, É G C L \_ D A Y ( " ú ), đžw'è, μ, Ä, ç, Ä A 1 " N, Ì ^ á, ç, a, , é ê ð # 3 6 5 (, Ü, ½, Í 3 6 6 )  
, a • Ô, ³, é, Ü, · B  
, È, " A E R R O R L E V E L, É • Ô, ³, é, é ' l, Ì Å ' ä 6 5 5 3 5, Ä, , é, ½, ß A, ±  
, Ì ' l, đ ' ' , Ì, é " " l, Ì ³ í, É Ž æ " ¾, Ä, «, Ü, ¹, ñ B  
, Ü, ½ A G C L \_ M O N T H ( Ç Ž )  
, Ì, Æ, «, Í 1, © Ç Ž, đ 3 0 " ú A G C L \_ Y E A R, Ì, Æ, «, Í 1 " N, đ 3 6 5 " ú, É Š · Ž Ž, μ, Ä Ç v Ž Ž, a s, È, í, é  
, Ü, ·, Ì, Ä A, ±, é, ç, Ì f t f % o f O, đžg — p, μ, ½ ê ð #, Ì ' ½, Ì, , , é, a ¶, ¶, é ê ð #, a, , è, Ü, · B

' ^ Ó:  
ftf@fCf<fvfXfef€, aFAT, Ì ê ð # A f t f @ f C f <, Ì • b " , Ì 2 • b ' P ^ Ê, É, È, è, Ü, · B, Ü, ½ A /  
W ^ È Š O, Ì f l f v f v f # " Ž w ' è, Ì ³, μ, ç " " l, È, È, è, Ü, ¹, ñ B  
1 6 f r f b f g f o [ f W f # " , Ì ê ð # A / W ^ È Š O, Ì f l f v f v f # " Ž w ' è, Ì ^ Ó -  
ì, đž, ç, Ü, ¹, ñ (, ·, x, A f t f @ f C f <, Ì Å I X V Žž, Ä ^ —, ³, é, Ü, ·) B

-ß, è ' l  
0 ` · Ô, ³, é, é ' l  
65535 f p f  
% f [ f ^, a • s ' «, f t f @ f C f <, a Ç ©, Ä, ©, ç, È, ç

—á  
TIMESTAMP=GCL\_YEAR A:FILENAME.DOC  
TIMESTAMP=GCL\_DAY /B /A A:FILENAME.DOC

**TIMESTAMP=GCL\_SET [/W,/C,/A] [/S] filename "N, Ç Ž, "ú, Žž, • a, • b**  
ftf@fCf<, Ì Žž, Ì Ý ' è, đ s, È, ç, Ü, · B  
Žž, đ " " l, Ä Ž w ' è, μ A, » , é, ¼, é, Ì " " l, Ì f j f " f } ( ' , ' ), Ä < æ Ø, Ä, Ä, , ¾, ³, ç B " " l, Ì È —  
a, ·, é, ±, Æ, a % o Ä " \, Ä A È — a, μ, ½ • " • a, Ì Ç ³ X, Ì f ^ f C f € f X f ^ f " f v, Ì ' l, a " K — p, ³, é, Ü, · B  
" N, Ì ž w ' è, Ì 4 Ç ...  
A, Ü, ½, Í 1 0 0 ^ È " à, Ì " " l, Ä Ž w ' è, Ä, «, Ü, · B 1 0 0 ^ È " à, Ì " " l, Ä Ž w ' è, μ, ½ ê ð # A 0 ` 7 9, È  
, ç, Í 2 0 0 0, đ A 8 0 ` 9 9, È, ç, Í 1 9 0 0, đ ' «, μ, ½ " N, Ä ^ —, μ, Ü, · B

f l f v f v f # " Ž w ' è, È, æ, è A Ý ' è, đ s, È, x f ^ f C f € f X f ^ f " f v, Ì ž w ' è, đ s, È, Ì, Ü, · B

/W ftf@fCf<, ÌÅI X V Žž ( f f f t f H f < f g )  
/C ftf@fCf<, Ì Ì Ì - Žž

/A ftf@fCf<, Ö, ÌÅI fAfNfZfXŽž

ftf@fCf<-¼,É,ÍfCf<fhfj[fh,Žg—

p,Å,«,Ü,·B,Ü,½A/

S,đŽw'è,·,é,ÆAfpfX“à,ÌTfufffBfCEfNfgfŠ(ftfHf<f\_)“à,Ìftf@fCf<,à^—

□,ì'í□Ü,Æ,μ,Ü,·B

'□^Ó:

ftf@fCf<fVfXfef€,ªFAT,ì□ê□#□Aftf@fCf<,ì•b□”,Í2•b'P^Ê,É,È,è,Ü,·B,Ü,½A/

W^ÈŠO,ÌfIfvfVf#f“Žw'è,Í³,μ,ç□”'l,É,È,è,Ü,¹,ñ□B

16fjrfbfgfo□[fWf#f“,ì□ê□#□A/W^ÈŠO,ÌfIfvfVf#f“Žw'è,Í^Ó-

ì,đŽ□,ì,Ü,¹,ñ(,·,×,Äftf@fCf<,ìÅI□X□VŽž□□,Å□^—□,³,è,Ü,·)□B

-ß,è'l

0

□³□í□I-¹

65535

fpf

‰f□□[f^,ª•s'«,ftf@fCf<,ª©,Å,©,ç,È,ç

—á

TIMESTAMP=GCL\_SET A:FILENAME.DOC 2015,8,31,12,0,0

TIMESTAMP=GCL\_SET /A A:FILENAME.DOC 95,,,1

TIMESTAMP=GCL\_SET /S C:\WORK\\*.TXT ,,,1,2,10

ŽQ□I

FILESIZE

FILEATTRIB

COPY

GETCLOCK

SETCLOCK

**FILESIZE [/B,/K,/M] [/E:ŠĀ<<•İ"-¼] filename ["äŠr,-,éTfCfY]**

ftf@fCf<,İftfCfY,Ü,½,İžw'è,İftfCfY,Æ"äŠr,μ,½Ĉ<%oÊ,đ•Ô,μ,Ü,·□B

^È%o°,İfİfvfVfþ",ªŽw'è,Ā,«,Ü,·(fİfvfVfþ"<y,Ñ•¶Žš—  
ñ,ÆfİfvfVfþ",İŠŌ,İfXfy□[fX,đ<ó,¯,Ä,,¾,¾,ç)□B

/B fofCfg'P^Ê,Ā□^—□,μ,Ü,·□B(ffftfHf<fg)  
/K fLf□fofCfg'P^Ê,Ā□^—  
□,μ,Ü,·□B(1fLf□fofCfg=1024fofCfg)  
/M f□fKfofCfg'P^Ê,Ā□^—  
□,μ,Ü,·□B(1f□fKfofCfg=1024fLf□fofCfg)

**/B,/K,/M,É,æ,è□A□^—**  
□,·,éftf@fCf<ftfCfY,İ'P^Ê,đŽw'è,Ā,«,Ü,·□BŽw'è,μ,½'P^Ê,Ā,İftfCfY,đERRORLEVEL  
,É•Ô,μ,Ü,·□Bftf@fCf<ftfCfY,İ□-□""\_—ç-ž,İ'l,İ□Ø,èŽİ,Ā,ç,è,Ü,·□B

**/E:ŠĀ<<•İ"-¼,ªŽw'è,¾,è,Ä,ç**  
,é□ê□þ,İftf@fCf<,İftfCfY,đŠĀ<<•İ"-¼,É'ã"ü,μ,Ü,·□B/E:NAME ,İ,æ,æ,É /E ,É'±  
,¯,ÄŠĀ<<•İ"-¼,đŽw'è,μ,Ä,-  
,¾,¾,ç□Bftf@fCf<ftfCfY,İžæ"¾,ª,Ā,«,È,ç□ê□þ□AŠĀ<<•İ"-¼,İ<ó,É,È,è,Ü,·(□İ□œ,¾,è,  
Ü,·)□BŠĀ<<•İ"-¼,É'ã"ü,¾,è,é□Ā'ăftfCfY,İ4GB,Ā,·(ERRORLEVEL,Æ,İ'á,ç□Ø,èŽİ,Ā,İ□  
s,È,İ,è,Ü,¹,ñ)□B

ftf@fCf<-  
¼,İŽŸ,É□"'l,đŽw'è,·,é,Æ□AŽw'è,İftf@fCf<,Æ□"'l,đ"äŠr,μ,½Ĉ<%oÊ,đERRORLEVE  
L,É•Ô,μ,Ü,·□BŽw'è,Ā,«,é□Ā'ă,İ□"'l,İ65535,Ā,·□B

**-ß,è'l**  
ftf@fCf<ftfCfY,İžæ"¾:  
0 □` 65531 ftf@fCf<ftfCfY,İ□"'l  
65532 ftf@fCf<,İftfCfY,ª65532^È□ă  
65533 Žw'è,İftf@fCf<,ªĈ,Ā,©,ç,É,ç  
65534 ŠĀ<<•İ"-¼,İ-İ^æ,ª•s'«  
65535 fpf%□□[f^,İfGf%□[  
ftf@fCf<ftfCfY,İ"äŠr:  
0 Žw'è,μ,½ftfCfY,æ,è□-,¾,ç  
1 Žw'è,μ,½ftfCfY,Æ"™,μ,ç  
2 Žw'è,μ,½ftfCfY,æ,è'ă,«,ç  
65533 Žw'è,İftf@fCf<,ªĈ,Ā,©,ç,É,ç  
65535 fpf%□□[f^,İfGf%□[

**—á**  
FILESIZE FILENAME.TXT  
FILESIZE /K /E:SIZE FILENAME.TXT



FILESIZE /M FILENAME.TXT 10

**žQ**

FILELINE

TIMESTAMP

FILEATTRIB

**FILEATTRIB [/S] [+RASH, -RASH, =""I] [Ä×²İP:] [Êß½][İŠ²Ü-¼]**

ftf@fCf<,lfAfgfŠf rf... [fg('®<),đŽæ“¾/Ÿ'è,µ,Ü,·B

Žæ“¾,đs,È,æê,íA'P^è,iftf@fCf<,l,Ÿ,đŽw'è,µ,Ä,,¾,³,ç  
(fCf<fhf [fh,đŽw'è,µ,½ê,í“®ì,í-  
ç'è<,Ä,·)BŽw'è,µ,½ftf@fCf<,lfAfgfŠf rf... [fg,ª ERRORLEVEL ,É•Ô,è,Ü,·B

—á: FILEATTRIB C:\FILENAME.TXT

•Ô,³,è,é""l,í^È%º,ì,æ,æ,É,È,è,Ü,·(•j",lfAfgfŠf rf... [fg,ªŸ'è,³,è,Ä,ç  
,éêA,»,è,ç,ªEv,³,è,½""l,Æ,È,è,Ü,·)B

- 0 fm [f}f<ftf@fCf<B
- 1 fŠ [fhfIf“fŠ [ (“ç,ŸŽæ,èê-p)B
- 2 %B,µftf@fCf<B
- 4 fVfXfef€B
- 32 fA [fJfCfuB

Ÿ'è,đs,È,æê,íA^È%º,lfVfVf+“,ÆAŸ'è,·,éftf@fCf<-¼,đŽw'è,µ,Ä,-  
,¾,³,çBftf@fCf<-¼,É,lfCf<fhf [fh,ªŽg—p,Ä,«,Ü,·B

- /S fTfufffBfœfNfgfŠ“à,à^—,µ,Ü,·B
- +•Ÿš fAfgfŠf rf... [fg,đŸ'è,µ,Ü,·B
- Ÿš fAfgfŠf rf... [fg,đ%đœ,µ,Ü,·B
- =""l fAfgfŠf rf... [fg,đ""l,Ä'¼ÜŽw'è,µ,Ü,·B

/S,đŽw'è,·,é,ÆAfpfX“à,lfTfufffBfœfNfgfŠ(ftfHf<f\_)“à,iftf@fCf<,à^—  
[,íŸÜ,Æ,µ,Ü,·B

+ ,Ü,½,í - ,É±, -,ÄAŸ'è,Ü,½,í%ºđœ,đs,È,æfAfgfŠf rf... [fg,đŽw'è,µ,Ä,,¾,³,ç  
(•j",lŽw'è,đ^è“x,És,È,æ,±,Æ,ª,Ä,«,Ü,·)BfAfgfŠf rf... [fg,í^È  
%º,ì•Ÿš,ÄŽw'è,µ,Ü,·BŽw'è,µ,½fAfgfŠf rf... [fg,í,Ÿ,ªŸ'è/%ºđœ,³,è,é,±  
,Æ,É<C,đ•t, -,Ä,,¾,³,çB

- R fŠ [fhfIf“fŠ [ (“ç,ŸŽæ,èê-p)B
- A fA [fJfCfuB
- S fVfXfef€B
- H %B,µftf@fCf<B

ã<L,ì•û-@^ÈŠO,ÉA= ""l ,Æ,·,éŽ-,É,æ,èA'¼ÜfAfgfŠf rf...  
[fg,đ""l,ÄŽw'è,·,é,±,Æ,à,Ä,«,Ü,·B,±  
,ìêAŽw'è,µ,½""l,ª,»,ì,Ü,Üftf@fCf<,lfAfgfŠf rf... [fg,Æ,È,è,Ü,·B

-ß,è'l

0 0` 63  
0

(Žæ“¾Žž) fŠf^[] [f“'l  
([]Ý'èŽž) []³ []í []I-1  
ft[] [fU[] [, É, æ, é' t' f  
Žw'è, Ìftf@fCf<, º©, Â, ©, ç, È, ¢  
f[]f, fŠ[] [, º•s'«  
fpf%[]f[] [f^[] [, º•s'«

249  
250  
252  
255

—á

FILEATTRIB C:\FILENAME.TXT  
FILEATTRIB -R C:\\*.SYS  
FILEATTRIB +RHS C:\A\*.TXT  
FILEATTRIB /S =7 "C:\My Folder\\*.DAT

ŽQ[]l

TIMESTAMP  
FILESIZE

## FILECOMP file1 file2

2,Â,Ìftf@fCf<,ì“à—e,ð”äŠr,μ,Û,·□B

”äŠr,í,·,x,ÄfofCfifŠ,Â□s,È,í,ê,Û,·,ì,Â□Af^fu,ÆfXfy□[fX,È,Ç,Í<æ•Ê,³,ê,Û,·□B

-ß,è'I

0	2,Â,Ìftf@fCf<,ì“à—e
1	fTfCfY,Í“~,¶,¾,ª‘Š^á“_, ,è
2	fTfCfY,ª^á,ª
10	file1 ,ª©,Â,©,ç,È,¢
20	file2 ,ª©,Â,©,ç,È,¢
255	fpf%□□[f^□[,ª•s'«

—á

FILECOMP OLDFILE.DAT NEWFILE.DAT

ŽQ□I

FILECRC

## FILECRC [/E:ŠĀ«•İ"-¼] ftf@fCf<-¼ [CRC"äŠr'I]

ftf@fCf<,İCRC'I,Ü,½,ÍŽw'è,İCRC'I,Æ"äŠr,μ,½Ĉ<%ŎÊ,đ•Ŏ,μ,Ü,·B

**CRC"äŠr'I**,đŽw'è,μ,È,çê±,ÍAftf@fCf<,İCRC'I,đ16i"4Ĉ...Ā•Ž!,μ,Ü,·B/  
**E:ŠĀ«•İ"-¼**,<sup>a</sup>Žw'è,<sup>3</sup>,ê,Ā,ç

,éê±,ÍŠĀ«•İ",É'ă"ü,μ,Ü,·BŠĀ«•İ",Ö,İ'ă"üŽw'è,Í/E:NAME ,İ,æ,α,É /E ,É'±  
,ĀŠĀ«•İ"-¼,đŽw'è,μ,Ā,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,çB

**CRC"äŠr'I**,đŽw'è,·,é,ÆAftf@fCf<,İCRC'I,ÆŽw'è,μ,½'I,đ"äŠr,μ,ĀĈ<%ŎÊ,đER  
RORLEVEL,É•Ŏ,μ,Ü,·BCRC"äŠr'I,Í 2C64 ,İ,æ,α,É16i"4Ĉ...ĀŽw'è,μ,Ā,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç  
(<sup>a</sup>,É 0x ,đ•t,·,é•K—v,Í, ,è,Ü,<sup>1</sup>,ñ)B

CRC(Cyclic Redundancy Check),ÍAŠ,,èŽŽ,İ—],è,đ—~—  
p,μ,½Aftf@fCf<"àff[f^,İ±Ĉv'I,Ā,·Bff[f^,İĈë,è,İĈÿo"™,É—Ç,—p,ç,ç,êA  
—x,è±,Ā,½ff[f^,İ"ü,ê'Ŏ,í,è,È,Ç,à±Ĉv'I,İ^á,ç,Ā"FŽ~,Ā,«,Ü,·B

**-ß,è'I**

0	(CRC"äŠr'l-çŽw'èŽŽ)³íI-¹
0	(CRC"äŠr'lŽw'èŽŽ)CRC'l, <sup>a</sup> ê'v
1	(CRC"äŠr'lŽw'èŽŽ)CRC'l, <sup>a</sup> Û,È,é
250	Žw'è,İftf@fCf<, <sup>a</sup> Ĉ,Ā,©,ç,È,ç
254	ŠĀ«•İ",İ-İ^æ, <sup>a</sup> •s'«
255	fpf%ff[f^[,İfGf%[

**—á**

FILECRC /E:CRCDATA FILENAME.DAT

FILECRC FILENAME.DAT 2C64

**ŽQI**

FILECOMP

**WHICH [/E:ŠĀ<<•İ"-¼] ftf@fCf<-¼**

ŽÀsftf@fCf<,ì'ŋİÝ,đŠm"F,μ,Ü,·B

ftf@fCf<-¼,İffjŒf"fg, WINDOWS, Windows,İ SYSTEM, WinBatchEh  
<N"®Žž,ÉİÝ'è,<sup>3</sup>,ê,Ä,ç,½ŠĀ<<•İ"-¼" PATH ,İfffBfŒfNfgfŠ(16frfbfgfo[fWf#f" ,Å,İ  
WinBatchEh "à,ÅİÝ'è,μ,½ PATH ,İžQŒÆ,μ,Ü,<sup>1</sup>,ñ),đŒËŸŸö,μ,Ü,·B

ftf@fCf<-¼,É,İŠg'£žq,đŠÜ,ß,Äžw'è,·,é•K—v,<sup>a</sup>, ,è,Ü,·B,È,"Aftf@fCf<-¼,<sup>a</sup>žÀs  
%oÄ"\ftf@fCf<,Å,È,,Ä,àŒËŸŸö,<sup>a</sup>s,È,İ,Ü,·B

/E:ŠĀ<<•İ"-¼,<sup>a</sup>žw'è,<sup>3</sup>,ê,Ä,ç,éêê# ,İAftf@fCf<,İftf<fpfX-  
¼,đŠĀ<<•İ"-¼,É'ă"ü,μ,Ü,·B/E:NAME ,İ,æ,æ,É /E ,É'±, ,ÄŠĀ<<•İ"-¼,đžw'è,μ,Ä,-  
,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,çBftf@fCf<,à'ŋİÝ,μ,È,çêê#AŠĀ<<•İ"-¼,İó,É,È,è,Ü,·(İİœ,<sup>3</sup>,ê,Ü,·)B

**-ß,è'l**

0  
1  
254  
255

İ<sup>3</sup>İİI-<sup>1</sup>  
ftf@fCf<, ,à'ŋİÝ,μ,È,ç  
ŠĀ<<•İ"-¼,İ-İ^æ, ,s'«  
fpf%ff[f^[, İfGf%[

**—á**

WHICH CALC.EXE  
WHICH /E:PATHNAME CALC.EXE  
WHICH /E:PATHNAME FILENAME.TXT

## TEMPFILENAME [/P[:]Prefix] ŠÂ««•İ”-¼ [X:\PATH]

^êžžftf@fCf<-¼,ðžæ“¾,μ,Û,·B

Windows,ª^êžžftf@fCf<,ðìï¬,·,é,ì,Æ“¬,¶K‘¥,ÅA^êžžftf@fCf<-¼,ðžæ“¾,μ,ÄASÂ««•İ” ,É’ã“ü,μ,Û,·B

ftf@fCf<-¼,İftf<fpfX,ÅŠÂ««•İ” ,É’ã“ü,³,ê,Û,·B

ftf@fCf<-¼,İžž” ,É,à,Æ,Ä,ç,½4•¶žš,İftf@fCf<-¼,Å,·B

Windows 3.1,Å,Í,³,ç,Éftf@fCf<-¼,İæ“ª,É ’~’(f`f<f\_),ª•t,¬,ç,ê,Û,·B

**X:\PATH**,ðžw’è,·,é,ÆAžw’è,İfhf%oofCfuAfpfX,Éìï¬,·,é^êžžftf@fCf<-¼,ðžæ“¾,μ,Û,·B,±,İžw’è,ª,É,¬,ê,İWindows,İffftfHf<fg,İffBfÆfNfgfŠ(\

WINDOWS\TEMP,â32frfbfg”Å,Å,İŠÂ««•İ”TEMP,İ“à—e),ªžg—p,³,ê,Û,·B

**/P**,É’±,¬,ÄPrefix,ðžw’è,·,é,ÆAPrefix,Éžw’è,μ,½•¶žš—

ñ,İæ“ª3•¶žš,ªA^êžžftf@fCf<-¼,İ’O,É•t,¬,ç,ê,Û,·(3•¶žš,æ,è’,ç•¶žš—

ñ,ðžw’è,μ,Ä,àA3•¶žš,μ,©”Fž¬,³,ê,Û,¹,ñ)B

,È,¬Ažž” ,ðÆ³,É,μ,Ä,ç,é,½,βA•i” ,İ^êžžftf@fCf<-¼,ð1“x,É“¾,È,ç,æ,π

,É,μ,Ä,¾,³,ç(ftf@fCf<,ª¶Y,μ,É,¬,ê,İ“¬-¼,İftf@fCf<,ªo—Í,³,ê,ééé¶ª,ª,è,Û,·)B

^êžžftf@fCf<-¼,İŠÂ««•İ” ,É’ã“ü,³,ê,é,¾,¬,ÅžÀÛ,É,İìï¬,ðs,È,ç,Û,¹,ñB

ftf@fCf<-¼,ðžæ“¾,Å,«,È,çéé¶ª,İŠÂ««•İ” ,Íó,É,È,è,Û,·(İìïæ,³,ê,Û,·)B

**-B,è’I**

, ,è,Û,¹,ñB

0

1

255

İ³İíI-1

fGf%[

fpf%f[ f^ [ ,ª•s’«

**—á**

TEMPFILENAME TEMPNAME

TEMPFILENAME /P:ABC TEMPNAME

TEMPFILENAME /P:ABC TEMPNAME C:\TMP

## SLEEPTIME[=ftf%ofo] [/H, /L] fvfVf}f"frf}f"fh-¼ ...

Žw'è,μ,½•b" ,Ü,½,Í□ó'Ô,É,È,é,Ü,Å" ®□ì,ðŽ~,β,Ü,·□B

### SLEEPTIME ,lfRf}f"fh^ê---

SLEEPTIME •b" Žw'è,μ,½•b" ,İŠÔ□A" ®□ì,ðŽ~,β,Ü,·□B

SLEEPTIME ON Žw'è,μ,½Žž□□,Ü,Å" ®□ì,ðŽ~,β,Ü,·□B

### SLEEPTIME [NOT] ACTIVE

fofbf` fEfBf"fhfE,afAfNfefBfu,É,È,é,Ü,Å(,Ü,½,ÍfAfNfefBfu,İŠÔ)" ®□ì,ðŽ~,β,Ü,·□B

### SLEEPTIME [NOT] EXISTWINDOW

fEfBf"fhfE,ª'¶□Ý,·,éŠÔ(,Ü,½,Í'¶□Ý,μ,È,çŠÔ)" ®□ì,ðŽ~,β,Ü,·□B

### SLEEPTIME [NOT] FOCUS

fEfBf"fhfE,ªftfH□[fjfx,ðž□,ÅŠÔ(,Ü,½,İž□,½,È,çŠÔ)" ®□ì,ðŽ~,β,Ü,·□B

ACTIVE ^ÈŠO,İžw'è,İžž,İftf%ofo,É **KEYBREAK** ,Æ,ç,ªŽw'è,ð□s,È,ª  
,Æ□A'Ò,ž□ó'Ô't,Å,àfL□[,Ü,½,Íf}fEfX,İ□¶f{f^f" ,ª%oÝ,³,è,é,Æ□A'Ò,ž□ó'Ô,ð  
%oð□œ,μ,Ü,·(-á:SLEEPTIME=KEYBREAK 100)□BKEYBREAK ,ðžw'è,μ,½□ê□†,Í  
ERRORLEVEL ,É'İ,ª•Ô,è,Ü,·,ª□Ažw'è,μ,È,©,Å,½□ê□†,É,Í ERRORLEVEL  
,Í'È'O,İ'İ,İ,Ü,Ü,Å,·□B,È,·□AfL□[,Ü,½,Íf}fEfX,İ□¶f{f^f" ,É,æ,é't'f,ð□s,È,ª  
,É,İ□Afofbf` ŽÀ□sfEfBf"fhfE(EXECUTEWND),ª•Ž! ,³,è,Ä,ç  
,Ä□AfAfNfefBfu,È□ó'Ô,Å, ,é•K—v,ª, ,è,Ü,·□B

32frfbfgfo□[fWf}f" ,Å□A/H ,ðžw'è,·,é,Æ□AWinBatchEh,İ—D□æ"x,ð□,·,-  
,μ,Å□AWinBatchEh,İ" ®□ì,ð•q'—,É,μ,Ü,·□B'È'O,İfo□[fWf}f" ,Å,Í /L  
,ðžw'è,μ,½,Æ,« ,ÉWinBatchEh,İ—D□æ"x,ð'á,,μ,Ä,ç  
,Ü,μ,½,ª□ACE»□Ý,İfo□[fWf}f" ,Å,Í /L ,ðžw'è,μ,½—  
D□æ"x,İ'á,ç□ó'Ô,Å,İ" ®□ì,ªffftfHf<fg,Æ,È,Å,Ä,ç,Ü,·□B/H,İfVfVf}f"frf}f"fh-  
¼,İ'O,Éžw'è,μ,Ä, ,¾,³,ç(-á1:SLEEPTIME /H 100, —  
á2:SLEEPTIME=KEYBREAK /H 100)□B'È'Í,Í□A/H ,â /L ,İžw'è,·,é•K—  
v,İ, ,è,Ü,¹,ñ□B,È,·□A16frfbfgfo□[fWf}f" ,Å,±,İfVfVf}f" ,ðžw'è,μ,Ä,à-³ž<,³,è,Ü,·□B

SLEEPTIME,Å'Ò<@,μ,Ä,ç,éŠÔ□Afn□[fhfEfFfA,É,æ,Å,Ä,Í□A□È"d—  
İf,□[fh,É^Ú□s,·,éfpf□□[f}f□[fWf}f"fg<@"\,É,Ç,ªžg—p,Å,« ,È,ç□ê□†,ª, ,è,Ü,·□B

### SLEEPTIME •b" [m]

Žw'è,μ,½•b" " ®□ì,ðŽ~,β,Ü,·□B□ACEã,Ém,ð•t,·,é,Æf~fŠ•b'P^Ê,Å□A" ®□ì,ðŽ~,  
β,Ü,·,ª□Afofbf` ŽÀ□s,İf□[fo□[fwfbfh,ª, ,è,Ü,·,İ,Å, ,Ü,è,É,à□—,³,È'P^Ê,Å,İ³Šm,È"  
®□ì,İŠú'Ô,Å,« ,Ü,¹,ñ□B  
□"İ,Í□A'â65535,Ü,Åžw'è%oÅ"\,Å,·□B



**SLEEPTIME ON HH:MM:SS**

Žw'è,μ,½Žž□□,É,È,é,Ü,Á"®□ì,ðŽ~ ,β,Ü,·□B  
ŽžŠÔ,ìŽw'è,ì24ŽžŠÔ□§,ÅHH(Žž):MM(•a):SS(•b),ì□‡,É□s,È,ç,Ü,·(—á  
16:23:12)□B  
Žž□□,ìŽw'è,í"ĈÓ,ì□ê□Š,Á□È—<sup>a</sup>,Á,« ,Ü,·□B□È—<sup>a</sup>,μ,½□"l,Í0,<sup>a</sup>ã"ü,<sup>3</sup>,é,Ü,·(—á  
16:23,Æ□È—<sup>a</sup>,μ,½□ê□‡16:23:00,ìŽw'è,Æ" ,¶,É,È,è,Ü,·)□B

**SLEEPTIME [NOT] ACTIVE**

fofbf`"à—e•\  
Ž!fEfBf"fhfE,Ü,½,ífofbf`ŽÀ□sfEfBf"fhfE,<sup>a</sup>fAfNfefBfu,É,È,é,Ü,Á"®□ì,ðŽ~ ,β,Ü,·□Bf  
Rf}f"fh,ðŽÀ□s,·,é,Æ,« ,É,·,Å,ÉfAfNfefBfu,É,È,Á,Ä,ç,é□ê□‡,í,·,® ,ÉŽÝ,ì□s,É□i,β,±  
,Æ,É,È,è,Ü,·,ì,Å□AfofbfNfOf%of"fh,Á"®□ì,<sup>3</sup>,<sup>1</sup>,Ä,ç,é□ê□‡,ì,Ý^Ó-ì,ðŽ□,ç,Ü,·□B  
**NOT**,ð•t,·,é,Æ□Afofbf`"à—e•\  
Ž!fEfBf"fhfE,Ü,½,ífofbf`ŽÀ□sfEfBf"fhfE,<sup>a</sup>fAfNfefBfu,ìŠÔ□A"®□ì,ðŽ~ ,β,Ü,·□B

**SLEEPTIME [NOT] EXISTWINDOW "fEfBf"fhfEf^fCfGf<"**

**SLEEPTIME [NOT] EXISTWINDOWR "fEfBf"fhfEf^fCfGf<"**

Žw'è,<sup>3</sup>,é,½fEfBf"fhfEf^fCfGf<,<sup>a</sup>¶□Ý,·,éŠÔ□A"®□ì,ðŽ~ ,β,Ü,·□BŽn,β,© ,çfEfBf"fhf  
E,<sup>a</sup>¶□Ý,μ,È,·,é,í,·,® ,ÉŽÝ,ì□s,É□i,Ý,Ü,·□BfEfBf"fhfEf^fCfGf<,í,±  
,ìfRf}f"fh,ðŽÀ□sŽž,ìfnf"fhf<,ðŽæ"<sup>3</sup>/<sub>4</sub>,μ,ÅŠÄŽ<,ð□s,È,ç  
,Ü,·,ì,ÅfEfBf"fhfE,<sup>a</sup>jSü,<sup>3</sup>,é,é,Ü,Á"®□ì,<sup>a</sup>Ž~ ,Ü,è,Ü,·□B,Ä,Ü,èfEfBf"fhfEf^fCfGf<,<sup>a</sup>  
±,ìfRf}f"fh<N"®'t,É•ì□X,<sup>3</sup>,é,Ä,à(—á,ì,ìftf@fCf<-<sup>1</sup>/<sub>4</sub>"™)ŠÄŽ<,ð'±,·,é,±  
,Æ,É,È,è,Ü,·□B

**NOT**,ð•t,·,é,Æ□AfEfBf"fhfE,<sup>a</sup>¶□Ý,μ,È,çŠÔ□A"®□ì,ðŽ~ ,β,Ü,·□B

**EXISTWINDOW**,ìŽw'è,<sup>3</sup>,é,½fEfBf"fhfEf^fCfGf<,ð'O•û^è'v,Ü,½,íÆä•û^è'v,Å  
Æÿ□ö,μ,Ü,·□B**EXISTWINDOWR**,ìŽw'è,<sup>3</sup>,é,½fEfBf"fhfEf^fCfGf<,ð<sup>3</sup>Šm,È,·,x,Ä  
,ì•¶Žš—ñ,ÅÆÿ□ö,μ,Ü,·□B□U,μ,,í^fCfGf<Æÿ□ö,ìŽd—ì,ð,<sup>2</sup>ŽQ□Æ,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B

**SLEEPTIME [NOT] FOCUS "fEfBf"fhfEf^fCfGf<"**

**SLEEPTIME [NOT] FOCUSR "fEfBf"fhfEf^fCfGf<"**

Žw'è,<sup>3</sup>,é,½fEfBf"fhfEf^fCfGf<,ìfEfBf"fhfE,<sup>a</sup>ftfH□[fjfX,ðŽ□,Á,Ä,ç,éŠÔ(ftfH□[fjfX,<sup>a</sup>-  
<sup>3</sup>,É,é,Ü,Á)□A"®□ì,ðŽ~ ,β,Ü,·□BŽn,β,© ,çftfH□[fjfX,ðŽ□,Á,Ä,ç  
,È,·,é,í,·,® ,ÉŽÝ,ì□s,É□i,Ý,Ü,·□BfEfBf"fhfEf^fCfGf<,í,±  
,ìfRf}f"fh,ðŽÀ□sŽž,ìfnf"fhf<,ðŽæ"<sup>3</sup>/<sub>4</sub>,μ,ÅŠÄŽ<,ð□s,È,ç  
,Ü,·,ì,Å□AfEfBf"fhfEf^fCfGf<,<sup>a</sup>,±,ìfRf}f"fh<N"®'t,É•ì□X,<sup>3</sup>,é,Ä,à(—á,ì,ìftf@fCf<-  
<sup>1</sup>/<sub>4</sub>"™)ŠÄŽ<,ð'±,·,é,±,Æ,É,È,è,Ü,·□B

**NOT**,ð•t,·,é,Æ□AŽw'è,<sup>3</sup>,é,½fEfBf"fhfE,<sup>a</sup>ftfH□[fjfX,ðŽ□,Á,Ä,È,çŠÔ(ftfH□[fjfX,ðŽ□  
,Ä,Ü,Á)□A"®□ì,ðŽ~ ,β,Ü,·□B

**FOCUS**,ìŽw'è,<sup>3</sup>,é,½fEfBf"fhfEf^fCfGf<,ð'O•û^è'v,Ü,½,íÆä•û^è'v,ÅÆÿ□ö,μ,Ü,  
·□B**FOCUSR**,ìŽw'è,<sup>3</sup>,é,½fEfBf"fhfEf^fCfGf<,ð<sup>3</sup>Šm,È,·,x,Ä,ì•¶Žš—  
ñ,ÅÆÿ□ö,μ,Ü,·□B□U,μ,,í^fCfGf<Æÿ□ö,ìŽd—ì,ð,<sup>2</sup>ŽQ□Æ,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B

-β,è'l

, , è, ù, ¹, ñ B (KEYBREAK-čŽw' èŽž)  
0 (KEYBREAKŽw' èŽž) Žw' èŽžŠÔ, æo%ß  
1  
(KEYBREAKŽw' èŽž) f}fEfX, Ì f{f^f", æ%ÿ, ³, ê, ½  
3 ` 255 (KEYBREAKŽw' èŽž)%ÿ, ³, ê, ½fL [ , Ì  
¼ ' z f R [ f h  
256 (FOCUS,  
FOCUSRŽw' èŽž) Žw' è, Ì f E f B f " f h f E, É ' Î, ·, é ^ - , Í - ³ æ ø

### —á

SLEEPTIME 10  
SLEEPTIME 500m  
SLEEPTIME=KEYBREAK 60  
SLEEPTIME ON 12:15  
SLEEPTIME ACTIVE  
SLEEPTIME EXISTWINDOW "f f, ' "  
SLEEPTIME NOT FOCUS "f f, ' "  
SLEEPTIME=KEYBREAK EXISTWINDOWR "f f, ' - SETUP.TXT"  
SLEEPTIME=KEYBREAK NOT EXISTWINDOW ""d`i"

### ŽQ I

IF (IF EXISTWINDOW)  
FINDWND  
GETCLOCK  
GETFOCUS

**ON ....**

f[]fj...[][,È,Ç,đ'ı,ñ,¼[]ê[]±,É"Á•Ê,È^—[],đ[]s,È,ç,Ü,·[]B

**ON ,ıfRf}f"fh^ê—**

ON STOP GOTO

[fXfgfbfv]Žž,Éžw'è,ıf%ofxf<,ÉfWfff"fv,μ,Ü,·[]B

ON ENDESESSION GOTO

Windows,ª[]ı—<sup>1</sup>Žž,Éžw'è,ıf%ofxf<,ÉfWfff"fv,μ,Ü,·[]B

ON ABOUT MESSAGE

[About],đ'ı'đ,μ,½Žž,ıf[]fbfZ[][fW,đžw'è,μ,Ü,·[]B

ON HELP

[fwf<fv],đ'ı'đ,μ,½,Æ,«,ıftf@fCf<,đžw'è,μ,Ü,·[]B

**ON frf}f"fh%øđ[]à**

ONfrf}f"fh,ı^ê"x[]é[]¾,·,é,Æ[]A[]é[]¾,đžæ,è[]Á,·,©fofbf` ,ª[]ı—<sup>1</sup>,Ü,Å—

LCEø,É,È,è,Ü,·(ftfufRf}f"fh,É,æ,Á,Ä,ı•Ê,ıfofbf` ,đ[]ÆÄ,Ñ[]o,μ,½Žž,Éžæ,è[]Á,<sup>3</sup>,ê,Ü,·)[]B

•ı[]"žÀ[]s,μ,½[]ê[]±[]A[]Å[]Æä,ıžw'è,ª—LCEø,É,È,è,Ü,·[]B

**ON ,ıšefRf}f"fh,ı[]Ú[]x**

**ON STOP GOTO f%ofxf<**

[fXfgfbfv]f[]fj...[][,đ'ı'đ,μ,½[]ê[]±,Éžw'è,ıf%ofxf<,ÉfWfff"fv,μ,Ü,·[]B

f%ofxf<^È[]~,ı[]^—[],ı,» ,ı,Ü,Üfofbf`ftf@fCf<,đ[]ı—<sup>1</sup>,·,é,æ,α,É,μ,Ä,-  
,¾,¾,ç[]B,Ü,½'·,ç[]^—[],ı[]s,È,ı,È,ç,Ä,,¾,¾,ç[]B

fofbf` "à,Ä'¼,ıfofbf` ,É[]\$[]Æä,đ^Ú,μ,½[]ê[]±,ı-  
<sup>3</sup>CEø,É,È,è,Ü,·[]BCALL•¶,Åfofbf` ,đ[]ÆÄ,Ñ[]o,μ,½[]ê[]±,ı[]A'¼,ıfofbf` ,ª"®[]ı,μ,Ä,ç  
,éšÖ,ı-<sup>3</sup>CEø,É,È,è,Ü,·[]B

ON STOP GOTO ,đžw'è,·,é,Æ[]A[fXfgfbfv]f[]fj...[][,ı^ê"x-  
Ú,ı'ı'đ,Ä,ı[fXfgfbfv]f[]fj...[][,ı'ı'đ%Ä"\\ó'Ó,ı,Ü,Ü[]Ažw'è,ıf  
%ofxf<,ÉfWfff"fv,μ,Ü,·[]B[]Ä"x[fXfgfbfv]f[]fj...[][,đ'ı'đ,·,é,Æfofbf` ,ª[]ı—<sup>1</sup>,<sup>3</sup>,ê,Ü,·[]B

"ON STOP" ,ı,ý,đžÀ[]s,·,é,Æ[]A[]é[]¾,ªžæ,è[]Á,<sup>3</sup>,ê,Ü,·[]B

**-ß,è'ı**

, , ,è,Ü, <sup>1</sup> , ñ[]B

**—á**

ON STOP GOTO LABEL

ON STOP

**žQ[]ı**

GOTO

## ON ENDESESSION GOTO f%ofxf<

Windows, a|—<sup>1</sup>, μ, æ, x, Æ, μ, ½, Æ, «, É□AŽw'è, ìf%ofxf<, ÉfWffff"fv, μ, Ü, ·□B

•K—v, È□^—□, a|l, í, Á, ½, ç□AEXITWINDOWSfRf}f"fh, đŽg—p, μ, ÄWindows, đ□l—  
<sup>1</sup>, ·, é, æ, x, É, μ, Ä, ,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>, ç□B□l—<sup>1</sup>,<sup>1</sup>, ·, Éfofbf` , đ"², ·, ½□ê□#□AWindows, í□l—  
<sup>1</sup>, μ, Ü, <sup>1</sup>, ñ□B

f□ofbf` "à, Á'¼, ìf□ofbf` , É□\$CEä, đ^Ú, μ, ½□ê□# , í-  
<sup>3</sup>CEø, É, È, è, Ü, ·□BCALL·¶, Áf□ofbf` , đCEÄ, Ñ□o, μ, ½□ê□# , í□A'¼, ìf□ofbf` , a"®□ì, μ, Ä, ç  
, éŠÓ, í-<sup>3</sup>CEø, É, È, è, Ü, ·□B

, ±, ìŽw'è, đ□s, È, Á, Ä, ç, é, Æ, «□AWinBatchEh, Á, íWindowsfvfXfef€, ©, ç, ì□l—  
1f□fbfZ□[fW, a"□s, <sup>3</sup>, é, ½, Æ, «, É□A□l—<sup>1</sup>, Á, «, È, ç, Æ, ç, x  
%ož"š, đ·Ö, μ, Ü, ·□B·Ö"š, đŠÄŽ<, ·, éfftfg, đŽg—p, μ, Ä, ìWindows□l—<sup>1</sup>Žž, É, í-â'è, a"-  
□¶, ·, é, ©, à'm, é, Ü, <sup>1</sup>, ñ, ì, Á, <sup>2</sup>'□^Ó, ,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>, ç□B

"ON ENDESESSION" , ì, Ý, đŽÀ□s, ·, é, Æ□A□éCE<sup>3</sup>/<sub>4</sub>, aŽæ, è□Á, <sup>3</sup>, é, Ü, ·□B

-ß, è'l

, , è, Ü, <sup>1</sup>, ñ□B

—á

ON ENDESESSION GOTO LABEL

ON ENDESESSION

ŽQ□l

GOTO

EXITWINDOWS

## ON ABOUT MESSAGE/MSG "f□fbfZ□[fW"

## ON ABOUT MESSAGEF/MSGF "f□fbfZ□[fW"

[About]f□fjf...□[ , đ'l'đ, μ, ½□ê□# , ÉŽw'è, ìf□fbfZ□[fW, đ·\Žì, μ, Ü, ·□B

f□fbfZ□[fW, íMESSAGEBOX, Æ"·, ¶CE` , Á·\Žì, a□s, È, í, è, Ü, ·, a□Af{f^f" , âfAfCfRf"·\  
Žì, È, Ç, ìftf  
%ofO, ìŽw'è, È, Ç, í□s, È, ì, Ü, <sup>1</sup>, ñ□Bfofbf` "à, Á'¼, ìf□ofbf` , É□\$CEä, đ^Ú, μ, ½□ê□# , Á, àŽw'  
è, í—LCEø, É, È, è, Ü, ·□B

MESSAGE/MSG, Á, í·¶Žš—ñ, đ, » , ì, Ü, Ü·\Žì, đ□s, È, ç, Ü, ·□BMESSAGEF/

MSGF, Á, íPRINTF , Æ"·, ¶CE` Ž® , Á\n, È, Ç, ìfGfXfP□[fv, aŽg—

p, Á, «, Ü, ·(fGfXfP□[fv, ì, Ý, Á%%d, È, Ç, ì^ø□" , ìŽg—p, Á, «, Ü, <sup>1</sup>, ñ)□B, ±, é, É, æ, è·¶Žš—  
ñ, ì"r't, Á%oü□s, È, Ç, đ□s, È, x, ±, Æ, a, Á, «, Ü, ·□B

f□fbfZ□[fWf{fbfNfX, ìf^fcfgf<, ìf□ofbf` ftf@fCf<-¼, É, È, è, Ü, ·□B

"ON ABOUT" ,ì,Ý,đŽÀ□s,·,é,Æ□A□éĈ<sup>3/4</sup>,<sup>ā</sup>Žæ,è□Á,<sup>3</sup>,ê,Ü,·□B

**-ß,è'l**

, , è, Ü, <sup>1</sup>, ñ□B

**—á**

ON ABOUT MESSAGE "%0 Version 1.00"

ON ABOUT MESSAGEF "Version 1.00\nCopyright(C)1995 Y.Shimizu"

ON ABOUT

**ŽQ□l**

MESSAGEBOX, MSGBOX

PRINTF

**ON HELP [ftf@fCf<-1/4]**

[fwf<fv]f□fjf...□[,đ'l'đ,μ,1/2□ê□±,ÉŽw'è,]ftf@fCf<,đ•\Ž!,μ,Ü,·□B

"ON HELP ftf@fCf<-1/4" ,đŽÀ□s,·,é,Æ□A[fwf<fv]f□fjf...□[,ì[-ÚžŸ]

,đ'l,ñ,<sup>3/4</sup>□ê□±,É□AŽw'è,]ftf@fCf<,ÅWindows

Help,đ<N“® ,μ,Ü,·□B,Ü,1/2□AfvfXfef€f□fjf...□[(fRf“fgf□□[f<f□fjf...□()],É [Help(&H)]

,<sup>ā</sup>Ç%ooÁ,<sup>3</sup>,ê,Ü,·□B

ftf@fCf<-1/4,í'Ê□íftf<fpfX,ÅŽw'è,μ,Ä,,<sup>3/4</sup>,<sup>3</sup>,ç□Bftf@fCf<-

1/4,ì,Ý,đŽw'è,μ,1/2□ê□±,í□A□í,ÉfjfĈf“fg,Éftf@fCf<,<sup>ā</sup>,É,-,ê,î,È,è,Ü,<sup>1</sup>,ñ(fofbf`'t,ÅfjfĈ

f“fgffBfĈfNfgfŠ,đ•í□X,·,é,Æ•\Ž!,Å,«,É,,É,è,Ü,·)□B

ftf@fCf<-1/4,É,]fwf<fv^ÈŠO,]ftf@fCf<,đŽw'è,·,é,±

,Æ,à,Å,«,Ü,·□BŠg'fŽq,<sup>ā</sup>HLP^ÈŠO,]ftf@fCf<,ì□ê□±□AŠÖ~A•t,-,ç,ê,Ä,ç

,éŽÀ□sftf@fCf<,ÅŽw'è,]ftf@fCf<,<sup>ā</sup>f□[fvf“<sup>3</sup>,ê,Ü,·□B

,Ü,1/2□AZA□sftf@fCf<-1/4,Æfpf%of□□[f^,đ'1/4□ÚŽw'è,·,éŽ-,à,Å,«,Ü,·□B

"ON HELP"

,ì,Ý,đŽÀ□s,·,é,Æ□A□éĈ<sup>3/4</sup>,<sup>ā</sup>Žæ,è□Á,<sup>3</sup>,ê,Ü,·('Ê□í,ìWinBatchEh,]fwf<fv,É-

ß,è,Ü,·)□B

**-ß,è'l**

, , è, Ü, <sup>1</sup>, ñ□B

**—á**

ON HELP C:\MYGOODS\SETUP.HLP

ON HELP C:\DOC\SETUP.TXT

ON HELP NOTEPAD.EXE C:\DOC\SETUP.TXT

ON HELP

## STR fRf}f“fh fpf%of□□[f^

•ŇŽš—ň‘€ì,ð□s,É,ç,Û,·□B  
 STR,É‘±,¯,Á“®ì,ð□s,É,ƒfRf}f“fh-¼,ðŽw’è,μ□A,»„ê,¼,ê,lfRf}f“fh,É“K  
 %ož,μ,½fpf%of□□[f^□□,ìŽw’è,à□s,É,Á,Ä,,¾,¾,ç□B

## STR ,lfRf}f“fh^ê—

STR LEN •ŇŽš—ň,ì‘,¾,ð•Ô,μ,Û,·□B  
STR LEFT •ŇŽš—ň,ì□Ň,©,çŽw’è,ì•ŇŽš□“,ð”²,«□o,μ,Û,·□B  
STR RIGHT •ŇŽš—ň,ì%oE,©,çŽw’è,ì•ŇŽš□“,ð”²,«□o,μ,Û,·□B  
STR MID •ŇŽš—  
 ñ,ìŽw’è^Ê‘u,©,çŽw’è,ì•ŇŽš□“,ð”²,«□o,μ,Û,·□B  
STR UPR •ŇŽš—ň,ì%op•ŇŽš,ð‘â•ŇŽš,É•İŠ,μ,Û,·□B  
STR LWR •ŇŽš—ň,ì%op•ŇŽš,ð□→•ŇŽš,É•İŠ,μ,Û,·□B  
STR CHR •ŇŽš—ň“à,ÁŽw’è,ì•ŇŽš,â□Á□%o  
 ,ÉĎ»„ê,é^Ê‘u,ð’T,μ,Û,·□B  
STR RCHR •ŇŽš—  
 ñ“à,ÁŽw’è,ì•ŇŽš,â□ÁĎ»„ê,é^Ê‘u,ð’T,μ,Û,·□B  
STR STR •ŇŽš—ň1“à,Á•ŇŽš—ň2,â□Á□%o  
 ,ÉĎ»„ê,é^Ê‘u,ð’T,μ,Û,·□B  
STR ISTR(Û,½,ÍSTRI) STR,Æ“¯,Ň,Á,·,â%op‘â□→•ŇŽš,ì<æ•É,ð,μ,Û,¹,ň□B  
STR PBRK •ŇŽš—ň1“à,Á•ŇŽš—  
 ñ2“à,ì•ŇŽš,âĎ»„ê,é^Ê‘u,ð’T,μ,Û,·□B  
STR SPNP •ŇŽš—ň1“à,Á•ŇŽš—ň2“à,İŠY“-  
 ,μ,È,ç•ŇŽš,âĎ»„ê,é^Ê‘u,ð’T,μ,Û,·□B  
STR ADDSTR •ŇŽš—ň1“à,É•ŇŽš—ň2,âŇŇÝ,μ,È,¯,ê,İ~ĎĎ<,μ,Û,·□B  
STR ADDISTR(Û,½,ÍADDSTRI) ADDSTR,Æ“¯,Ň,Á,·,â  
 %op‘â□→•ŇŽš,ì<æ•É,ð,μ,Û,¹,ň□B  
STR DELSTR •ŇŽš—ň1“à,É•ŇŽš—ň2,âŇŇÝ,·,ê,İŽæ,è<Ž,è,Û,·□B  
STR DELISTR(Û,½,ÍDELSTRI) DELSTR,Æ“¯,Ň,Á,·,â  
 %op‘â□→•ŇŽš,ì<æ•É,ð,μ,Û,¹,ň□B  
STR ADDBACKSLASH •ŇŽš—ň,ì□ÁĎ»„ê,âfobfNfXf%ofbfVf...(\),Á,È,¯,ê,İ•t  
 %oÁ,μ,Û,·□B  
STR DELBACKSLASH •ŇŽš—ň,ì□ÁĎ»„ê,âfobfNfXf%ofbfVf...(\)  
 ,È,ç,İ□í□œ,μ,Û,·□B  
STR DELSPACE •ŇŽš—ň,ì‘OĎ»„ê,ÉfXfy□[fX•ŇŽš,â,ê,İ□í□œ,μ,Û,·□B  
STR CMP •ŇŽš—ň1“à,Æ•ŇŽš—ň2,ð”äŠr,μ,Û,·□B  
STR ICMP(Û,½,ÍCMPI) CMP,Æ“¯,Ň,Á,·,â%op‘â□→•ŇŽš,ì<æ•É,ð,μ,Û,¹,ň□B  
STR NCMP •ŇŽš—ň1,Æ•ŇŽš—  
 ñ2,ðŽw’è,ì•ŇŽš□““à,Á”äŠr,μ,Û,·□B  
STR NICMP(Û,½,ÍNCMPI) NCMP,Æ“¯,Ň,Á,·,â%op‘â□→•ŇŽš,ì<æ•É,ð,μ,Û,¹,ň□B

## STR fRf}f“fh%oð□à

‘½,,lfRf}f“fh,Á,lfpf%of□□[f^,ÉŽw’è,¾,ê,½ŠÁ««•İ□“,ÉĎ<%oÉ,ð‘ă“ü,μ,Û,·□B-

β,è'l(ERRORLEVEL),É,ÍŠÂ««•İ□",È,Ç,É□o—  
Í,ð□s,È,Á,½•¶Žš□",,ª'ă"ü,³,ê,Ü,·□BSTR,Å,ÍŠÂ««•İ□",ì—ì^æ,ª'«,è,È,,Ä,àfGf  
%o□[,ð•Ô,μ,Ü,¹,ñ□B

•¶Žš<y,Ñ•¶Žš—ñ,ðŒÿ□ö,μ,ÄŒ<%oÊ,ð'ă"ü,·,éfRf}f"fh(STR,CHR,È,Ç)  
,Å,Í'É□í,ÍŒÿ□ö,ÅŒ©,Ä,©,Á,½•¶Žš^Ê□~,ì'ă"ü,ð□s,È,ç,Ü,·,ª□ASTR,É'±  
,̄,ÄFRONT,Ìftf%ofO,ðŽw'è(STR=FRONT ...),·,é,±  
,Æ,É,æ,è□AŒ©,Ä,©,Á,½•¶Žš^Ê'O,ì•¶Žš—ñ,ð'ă"ü,·,é,±,Æ,ª,Å,«,Ü,·□B  
—á,ì,Í□A"STR CHR ENV ABCDEF D" ,ÍŠÂ««•İ□"ENV,É "DEF"  
,ª'ă"ü,³,ê,Ü,·,ª□A"STR=FRONT CHR ENV ABCDEF D" ,Å,Í "ABC" ,ª'ă"ü,³,ê,Ü,·□B

^ê•¶Žš,ðŽw'è,·,éfRf}f"fh(CHR,È,Ç)  
,Å,ì•¶ŽšŽw'è,Í□A•¶ŽšŽ©□g,ð'¼□ÜŽw'è,·,é,ú,©,É□A0xNN  
,Æ,μ,Ä16□iŽw'è,à,Å,«,Ü,·□B,Ü,½ 'A' ,ì,æ,x  
,ÉfVf"fof<fNfH□[fe□[fVf#f",Å^í,Ä,Ä,à□\,ç,Ü,¹,ñ□B

## STR ,İŠefRf}f"fh,ì□Ü□x

### STR LEN "•¶Žš—ñ"

•¶Žš—ñ,ì',³,ðERRORLEVEL,É•Ô,μ,Ü,·□B

—á

STR LEN "ABCD" (4,ª•Ô,³,ê,é)

### STR LEFT ŠÂ««•İ□"-¼ "•¶Žš—ñ" "²,«□o,•¶Žš□"

•¶Žš—ñ,ì□¶,©,çŽw'è,ì•¶Žš□",ð"²,«□o,μ,ÄŠÂ««•İ□",É'ă"ü,ð□s,È,ç,Ü,·□B

—á

STR LEFT ENV "ABCDEFGF" 3 ("ABC",ª'ă"ü,³,ê,é)

### STR RIGHT ŠÂ««•İ□"-¼ "•¶Žš—ñ" "²,«□o,•¶Žš□"

•¶Žš—ñ,ì%oE,©,çŽw'è,ì•¶Žš□",ð"²,«□o,μ,ÄŠÂ««•İ□",É'ă"ü,ð□s,È,ç,Ü,·□B

—á

STR RIGHT ENV "ABCDEFGF" 3 ("EFG",ª'ă"ü,³,ê,é)

### STR MID ŠÂ««•İ□"-¼ "•¶Žš—ñ" [ŠJŽn^Ê'u],[ "²,«□o,•¶Žš□"

•¶Žš—ñ,ìŽw'è^Ê'u,©,çŽw'è,ì•¶Žš□",ð"²,«□o,μ,ÄŠÂ««•İ□",É'ă"ü,ð□s,È,ç,Ü,·□B  
ŠJŽn^Ê'u,ð□Ê—ª,·,é,Æ□æ"ª,É□A"²,«□o,•¶Žš□",ð□Ê—  
ª,·,é,ÆŽc,è,ì'S•¶Žš□",É,È,è,Ü,·□B

—á

STR MID ENV "ABCDEFG" 3 2 ("CD", a'ä"ü,³,ê,é)  
STR MID ENV "ABCDEFG" ,2 ("AB", a'ä"ü,³,ê,é)  
STR MID ENV "ABCDEFG" 5 ("EFG", a'ä"ü,³,ê,é)

### STR UPR ŠÂ««•ĭ" -¼ "•Źš—ň"

•Źš—ň,ì%op•Źš("¼Šp,ì1byte•Źš),ð'â•Źš,É•ĪŠ,μ,ÄŠÂ««•ĭ",É'ä"ü,ðs,È,ç,Ü,·B

—á

STR UPR ENV "AbCdE" ("ABCDE", a'ä"ü,³,ê,é)

### STR LWR ŠÂ««•ĭ" -¼ "•Źš—ň"

•Źš—ň,ì%op•Źš("¼Šp,ì1byte•Źš),ðs,·Źš,É•ĪŠ,μ,ÄŠÂ««•ĭ",É'ä"ü,ðs,È,ç,Ü,·B

—á

STR LWR ENV "AbCdE" ("abcde", a'ä"ü,³,ê,é)

### STR[=FRONT] CHR ŠÂ««•ĭ" -¼ "•Źš—ň" •Źš

•Źš—ň"à,ÅŽw'è,ì•Źš,âÅ%oo,ÉCE»,ê,é^É'u,ð'T,μ,ÄA^È~,ì•Źš—ň,ðŠÂ««•ĭ",É'ä"ü,ðs,È,ç,Ü,·B•Źš,Í%op'âs•Źš,â<æ•É,³,ê,Ü,·B

—á

STR CHR ENV "ABCDCEF" C ("CDCEF", a'ä"ü,³,ê,é)

STR=FRONT CHR ENV "ABCDCEF" C ("AB", a'ä"ü,³,ê,é)

### STR[=FRONT] RCHR ŠÂ««•ĭ" -¼ "•Źš—ň" •Źš

•Źš—ň"à,ÅŽw'è,ì•Źš,âÅCEä,ÉCE»,ê,é^É'u,ð'T,μ,ÄA^È~,ì•Źš—ň,ðŠÂ««•ĭ",É'ä"ü,ðs,È,ç,Ü,·B•Źš,Í%op'âs•Źš,â<æ•É,³,ê,Ü,·B

—á

STR RCHR ENV "ABCDCEF" C ("CEF", a'ä"ü,³,ê,é)

### STR[=FRONT] STR ŠÂ««•ĭ" -¼ "•Źš—ň1" "•Źš—ň2"

•Źš—ň1"à,Å•Źš—ň2,ì•Źš—ň,âÅ%oo,ÉCE»,ê,é^É'u,ð'T,μ,ÄA^È~,ì•Źš—ň,ðŠÂ««•ĭ",É'ä"ü,ðs,È,ç,Ü,·B•Źš—ň,Í%op'âs•Źš,â<æ•É,³,ê,Ü,·B

—á

STR STR ENV "ABCDEF" "CDE" ("CDEF", a'ä"ü,³,ê,é)



**STR[=FRONT] ISTR(,Ü,½,ÍSTR) ŠĀ<<•İ"-¼ "•ŲŽš-ñ1" "•ŲŽš-ñ2"**  
•ŲŽš-ñ1"à,Ā•ŲŽš-ñ2,İ•ŲŽš-ñ,ĀĀ%o,ÉĈ»„ê,é^Ê'u,đ  
%op'â-•ŲŽš,đ<æ•Ê,¹,„É'T,μ,ĀĀA^È~„İ•ŲŽš-ñ,đŠĀ<<•İ",É'ă"ü,đs,È,ċ  
,Ü,•B

—á  
STR ISTR ENV "ABCDEF" "cDe" ("CDEF",ă'ă"ü,³,ê,é)

**STR[=FRONT] PBRK ŠĀ<<•İ"-¼ "•ŲŽš-ñ1" "•ŲŽš-ñ2"**

•ŲŽš-ñ1"à,Ā•ŲŽš-ñ2"à,İ,ċ,„ê,©,İ•ŲŽš,ĀĀ%o  
,ÉĈ»„ê,é^Ê'u,đ'T,μ,ĀĀA^È~„İ•ŲŽš-ñ,đŠĀ<<•İ",É'ă"ü,đs,È,ċ,Ü,•B•ŲŽš-ñ,İ  
%op'â-•ŲŽš,ă<æ•Ê,³,ê,Ü,•B

—á  
STR PBRK ENV "ABCDEF" "CXZ" ("CDEF",ă'ă"ü,³,ê,é)

**STR[=FRONT] SPNP ŠĀ<<•İ"-¼ "•ŲŽš-ñ1" "•ŲŽš-ñ2"**

•ŲŽš-ñ1"à,Ā•ŲŽš-ñ2"à,İ,ċ,„ê,İ•ŲŽš,É,àŠY"-„μ,È,ċ•ŲŽš,ĀĀ%o  
,ÉĈ»„ê,é^Ê'u,đ'T,μ,ĀĀA^È~„İ•ŲŽš-ñ,đŠĀ<<•İ",É'ă"ü,đs,È,ċ,Ü,•B•ŲŽš-ñ,İ  
%op'â-•ŲŽš,ă<æ•Ê,³,ê,Ü,•B

—á  
STR SPNP ENV "ABCDEF" "ABCXZ" ("DEF",ă'ă"ü,³,ê,é)

**STR ADDSTR ŠĀ<<•İ"-¼ "•ŲŽš-ñ1" "•ŲŽš-ñ2"**

•ŲŽš-ñ1"à,Ā•ŲŽš-ñ2,İ•ŲŽš-ñ,ĀĀ%o  
,ÉĈ»„ê,é^Ê'u,đ'T,μ,ĀĀA'ŲŲY,μ,È,„ê,İ•ŲŽš-ñ1,É•ŲŽš-  
ñ2,đ~ACE<„μ,Ā'ă"ü,μ,Ü,•B,„Ā,É'ŲŲY,„éĉê#„İ•ŲŽš-  
ñ1,đ,»„İ,Ü,Ü'ă"ü,μ,Ü,•B•ŲŽš-ñ,İ%op'â-•ŲŽš,ă<æ•Ê,³,ê,Ü,•B

—á  
STR ADDSTR ENV "ABCD" "EFG" ("ABCDEFG",ă'ă"ü,³,ê,é)  
STR ADDSTR ENV "ABCD" "CD" ("ABCD",ă'ă"ü,³,ê,é)

**STR ADDISTR(,Ü,½,ÍADDSTR) ŠĀ<<•İ"-¼ "•ŲŽš-ñ1" "•ŲŽš-ñ2"**

•ŲŽš-ñ1"à,Ā•ŲŽš-ñ2,İ•ŲŽš-ñ,ĀĀ%o,ÉĈ»„ê,é^Ê'u,đ  
%op'â-•ŲŽš,đ<æ•Ê,¹,„É'T,μ,ĀĀA'ŲŲY,μ,È,„ê,İ•ŲŽš-ñ1,É•ŲŽš-  
ñ2,đ~ACE<„μ,Ā'ă"ü,μ,Ü,•B,„Ā,É'ŲŲY,„éĉê#„İ•ŲŽš-ñ1,đ,»„İ,Ü,Ü'ă"ü,μ,Ü,•B

—á  
STR ADDISTR ENV "ABCD" "efG" ("ABCDefG",ă'ă"ü,³,ê,é)  
STR ADDISTR ENV "ABCD" "Cd" ("ABCD",ă'ă"ü,³,ê,é)

### STR DELSTR ŠÂ««•İ□”-¼ “•ŲŽš—ñ1” “•ŲŽš—ñ2”

•ŲŽš—ñ1“à,Å•ŲŽš—ñ2,ì•ŲŽš—ñ,ª□Å□%o,ÉŒ»„ê,é^Ê’u,ð’T,µ,Ä□A’ŲŲŲ,·,ê,Î•ŲŽš—ñ1,©,ç•ŲŽš—ñ2,ðŽæ,è<Ž,Á,Ä’ã“ü,µ,Û,·□B’ŲŲŲ,µ,È,ç□ê□‡,Í•ŲŽš—ñ1,ð,»„ì,Û,Û’ã“ü,µ,Û,·□B•ŲŽš—ñ,Í%op’ã□→•ŲŽš,ª<æ•Ê,³,ê,Û,·□B

—á

STR DELSTR ENV "ABCD" "EFG" ("ABCD",ª’ã“ü,³,ê,é)  
STR DELSTR ENV "ABCDE" "CD" ("ABE",ª’ã“ü,³,ê,é)

### STR DELISTR(Û,½,ÍDELSTRI) ŠÂ««•İ□”-¼ “•ŲŽš—ñ1” “•ŲŽš—ñ2”

•ŲŽš—ñ1“à,Å•ŲŽš—ñ2,ì•ŲŽš—ñ,ª□Å□%o,ÉŒ»„ê,é^Ê’u,ð  
%op’ã□→•ŲŽš,ð<æ•Ê,¹,„É’T,µ,Ä□A’ŲŲŲ,·,ê,Î•ŲŽš—ñ1,©,ç•ŲŽš—ñ2,ðŽæ,è<Ž,Á,Ä’ã“ü,µ,Û,·□B’ŲŲŲ,µ,È,ç□ê□‡,Í•ŲŽš—ñ1,ð,»„ì,Û,Û’ã“ü,µ,Û,·□B•ŲŽš—ñ,Í%op’ã□→•ŲŽš,ª<æ•Ê,³,ê,Û,·□B

—á

STR DELISTR ENV "ABCD" "efG" ("ABCD",ª’ã“ü,³,ê,é)  
STR DELISTR ENV "ABCDE" "Cd" ("ABE",ª’ã“ü,³,ê,é)

### STR ADDBACKSLASH ŠÂ««•İ□”-¼ “•ŲŽš—ñ”

•ŲŽš—ñ,ðŠÂ««•İ□”,É’ã“ü,µ,Û,·,ª□A•ŲŽš—ñ,ì□ÅŒã,ªf of bf Nf Xf %of bf Vf ... (\\),È,È,¯,ê,Î•t%oÁ,µ,½•ŲŽš—ñ,ð’ã“ü,µ,Û,·□B

—á

STR ADDBACKSLASH ENV "C:\USR" ("C:\USR",ª’ã“ü,³,ê,é)  
STR ADDBACKSLASH ENV "C:\USR\" ("C:\USR\",ª’ã“ü,³,ê,é)

### STR DELBACKSLASH ŠÂ««•İ□”-¼ “•ŲŽš—ñ”

•ŲŽš—ñ,ðŠÂ««•İ□”,É’ã“ü,µ,Û,·,ª□A•ŲŽš—ñ,ì□ÅŒã,ªf of bf Nf Xf %of bf Vf ... (\\),È,ç,Î,»„ì•ŲŽš,ð□í□œ,µ,½•ŲŽš—ñ,ð’ã“ü,µ,Û,·□B

—á

STR DELBACKSLASH ENV "C:\USR" ("C:\USR",ª’ã“ü,³,ê,é)  
STR DELBACKSLASH ENV "C:\USR\" ("C:\USR\",ª’ã“ü,³,ê,é)

### STR DELSPACE ŠÂ««•İ□”-¼ “•ŲŽš—ñ”

•ŲŽš—ñ,ì’OŒã,ÉfXfy□[fX•ŲŽš(”¼Sp/’SSp,ì<ó”,Æf^fu),ª, ,ê,Î□AfXfy□[fX•ŲŽš,ð□í□œ,µ,Ä□AŠÂ««•İ□”,É’ã“ü,µ,Û,·□B

—á

STR DELSPACE ENV " File Name " ("File Name",<sup>a</sup>ã"ü,<sup>3</sup>,ê,é)

### STR CMP "•Ǻš—ñ1" "•Ǻš—ñ2"

•Ǻš—ñ1"à,Æ•Ǻš—ñ2,ð"äŠr,μ,Ä"~,Ǻ,È,ç,Î0,ðA^á,|,Î1,ð•Ô,μ,Û,·B•Ǻš—ñ,Í  
%op'â→•Ǻš,ð<æ•Ê,<sup>3</sup>,ê,Û,·B

—á

STR CMP "ABCDEF" "ABCDEF" (0,<sup>a</sup>•Ô,<sup>3</sup>,ê,é)

### STR ICMP(Û,<sup>1/2</sup>,ÍCMPI) "•Ǻš—ñ1" "•Ǻš—ñ2"

•Ǻš—ñ1,Æ•Ǻš—ñ2,ð  
%op'â→•Ǻš,ð<æ•Ê,<sup>1</sup>,,É"äŠr,μ,Ä"~,Ǻ,È,ç,Î0,ðA^á,|,Î1,ð•Ô,μ,Û,·B

—á

STR ICMP "ABCDEF" "Abcdef" (0,<sup>a</sup>•Ô,<sup>3</sup>,ê,é)

### STR NCMP "•Ǻš—ñ1" "•Ǻš—ñ2" •Ǻš"

•Ǻš—ñ1,Æ•Ǻš—  
ñ2,ðŽw'è,ì•Ǻš"à,Ä"äŠr,μ,Ä"~,Ǻ,È,ç,Î0,ðA^á,|,Î1,ð•Ô,μ,Û,·B•Ǻš—ñ,Í  
%op'â→•Ǻš,ð<æ•Ê,<sup>3</sup>,ê,Û,·B

—á

STR NCMP "ABCDEF" "ABCD" 4 (0,<sup>a</sup>•Ô,<sup>3</sup>,ê,é)

### STR NICMP(Û,<sup>1/2</sup>,ÍNCMPI) "•Ǻš—ñ1" "•Ǻš—ñ2" •Ǻš"

•Ǻš—ñ1,Æ•Ǻš—ñ2,ð  
%op'â→•Ǻš,ð<æ•Ê,<sup>1</sup>,,ÉŽw'è,ì•Ǻš"à,Ä"äŠr,μ,Ä"~,Ǻ,È,ç,Î0,ðA^á,|,Î1,ð•Ô,  
μ,Û,·B

—á

STR NICMP "ABCDEF" "Abcd" 4 (0,<sup>a</sup>•Ô,<sup>3</sup>,ê,é)

## ŽQI

STRTOKFILE

## DRV fRf}f“fh [fhf%oofCfu-¼]

fhf%oofCfuî•ñ, ÌŽæ“¾, ðs, È, ç, Ü, ·B  
 DRV, É'±, ¯, Ä“®î, ðs, È, xRf}f“fh-¼, ðŽw'è, µ, Ä,,¾,³, çB,³, ç, Éfhf%oofCfu-¼, ðŽw'è, ·, é, ÆŽw'è, Ìfhf%oofCfu, Ìî•ñ, ÌŽæ“¾, È, È, è, Ü, ·Bfhf%oofCfu-¼, ðŽw'è, µ, È, ¯, ê, ÌfjCEf“fgfhf%oofCfu, Ìî•ñ, ðŽæ“¾, µ, Ü, ·Bfhf%oofCfu-¼, ÌŽw'è, Ìæ“ª, Ì1•¶Žš, Ì, Ý, ðŽg—p, µ, Ü, ·, Ì, ÅfRf“”, âpfX-¼,ªCEã, É'±, ç, Ä, à-³Ž<, µ, Ü, ·B

## DRV ,ÌfRf}f“fh^ê—

DRV TYPE fhf%oofCfu, Ìf^fCfv, ðŽæ“¾, µ, Ü, ·B  
DRV READ fhf%oofCfu, Ì“Ç, ÝŽæ, èf`fFbfN, ðs, È, ç, Ü, ·B  
DRV WRITE fhf%oofCfu, Ì', «ž, Ýf`fFbfN, ðs, È, ç, Ü, ·B  
DRV LABEL f{fšf...[f€f%ofxf<, Ì•\Ž!A”àšr, ðs, È, ç, Ü, ·B

## DRV TYPE [fhf%oofCfu-¼]

fhf  
 %oofCfu, Ìf^fCfv, ðŽæ“¾, µ, Ü, ·B'A, µAfn[fhfffBfXfN, ©RAMfffBfXfN, Ì”»'fAflfbfg  
 f[]fN, ©CD-ROM, Ì”»'f, ÌAŠA««, È, æ, è³, µ, •Ô, ç, È, ç, èè±ª, , è, Ü, ·B

### -B, è'l

0, 1	fhf%oofCfuî•ñ, ðŽæ“¾, Ä, «, È, ç
2	
ftf[]fbfs[] , È, ç, Ìfšf€[f ofuf<fffBfXfN	
3	fn[]fhfffBfXfN, È, ç, Ìæðš•s%Ä”\
, ÈfffBfXfN	
4	flfbfgf[]fNfhf%oofCfu
5	CD-ROM
6	RAMfffBfXfN

### —á

DRV TYPE C:

## DRV READ [fhf%oofCfu-¼]

Žw'èfhf%oofCfu, Ì“Ç, Ýž, Ýª%oÄ”\, ©f`fFbfN, µ, Ü, ·B“K”-  
 , Èftf@fCf<, Ìf[]fvf”, ÌfefXfg, ðs, È, ç, Ü, ·B

### -B, è'l

0	“Ç, Ýž, ÝªÄ”\
1	fš[]fhfGf%[]
10	fhf%oofCfu, Ì€”ðª, Å, «, Ä, È, ç
11	ftfjfbfg,ª¶[]Ý, µ, È, ç

—á

DRV READ C:

**DRV WRITE [fhf%ofCfu-¼]**

Žw'èfhf%ofCfu,ì□',«□ž,Ý,ª%oÅ"\\,©f`fFfbfN,μ,Û,·□B^èžž"l,Èftf@fCf<,ðfhf%ofCfu,É□ì□¬,μ,·,®,É□í□œ,·,éfefXfg,ð□s,È,ç,Û,·□B

-ß,è'l

- 0
- 1
- 9
- 10
- 11

□',«□ž,Ý%Å"\\  
 fŠ□[fh□Af%ofCfGfGf%□[  
 f%ofCfGfVf□fefNfg,³,è,Ä,ç,é  
 fhf%ofCfu,ì□€"ö,ª,Å,«,Ä,È,ç  
 f†fjfbfg,ª'¶□Ý,μ,È,ç

—á

DRV WRITE C:

**DRV LABEL [/E:ŠÅ««•İ□"-¼] [fhf%ofCfu-¼][f%ofxf<-¼]**

f{fŠf...□[f€f%ofxf<,ì•\Ž!□A-¼'O,l"äŠr,ð□s,È,ç,Û,·□B

fhf%ofCfu-¼,ªŽw'è,³,è,È,¬,è,îfjCEf"fgfhf%ofCfu,ì•\Ž!,Û,½,l"äŠr,É,È,è,Û,·□B

f%ofxf<-¼,ðŽw'è,μ,È,¬,è,î□Af{fŠf...□[f€f%ofxf<,ì•\Ž!,ð□s,È,ç,Û,·□B

/E:ŠÅ««•İ□"-¼,ªŽw'è,³,è,Ä,ç,é□ê□‡,í%oœ-È,É•\

Ž!,¹,³,ÉŠÅ««•İ□",É'ä"ü,μ,Û,·□B/E:NAME ,ì,æ,ª,É /E ,É'±,¬,ÄŠÅ««•İ□"-

¼,ðŽw'è,μ,Ä,¾,³,ç□Bf{fŠf...□[f€f

%ofxf<,ìŽæ"¾,ª,Å,«,È,ç□ê□‡□AŠÅ««•İ□",íó,É,È,è,Û,·(□í□œ,³,è,Û,·)□B

f%ofxf<-¼,ðŽw'è,·,é,Æf{fŠf...□[f€f

%ofxf<,l"äŠr,ð□s,È,Ä,Ä€<%oÈ,ðERRORLEVEL,É•Ô,μ,Û,·□Bf%ofxf<-¼,l

%op'â□¬•¶Žš,ð"~^èž<,μ,Ä"äŠr,μ,Û,·□B

-ß,è'l

- 0
- Ž!□A"äŠr,ì€<%È,ª"¬,¶
- 1
- 255
- %ofCfu,ìfGf%□[

f%ofxf<,ð□³□í•\  
 "äŠr,ì€<%È,ª^á,ª  
 f{fŠf...□[f€f%ofxf<,ª,È,ç□Afhf

—á

DRV LABEL

DRV LABEL /E:LNAME C:

DRV LABEL C:MS-DOS\_6

**FINDWND[=ftf%ofO] fRf}f“fh [fpf%of[]f^]**

fEfBf“fhfE,ìĀÿ[]ō,Ü,½,í•\Ž|,đ[]s,È,ç,Ü,·[]B  
FINDWND,É'±,¯,Á“®[]i,đ[]s,È,ƣfRf}f“fh-¼,đŽw'è,μ[]A,»,,ê,¼,ê,ìfRf}f“fh,É“K  
%ož,μ,½fpf%of[]f^[]i,ìŽw'è,à[]s,È,Á,Ä,,¾,¾,ç[]B

FINDWND,Á,ìĀÿ[]ō,íĀ©,Á,©,Á,½,,x,Ä,ìfEfBf“fhfE,âfNf%ofX-  
¼[]Afnf“fhf<”Ô[]†,ìĀ<%oÉ,đ•Ô,μ,Ü,·[]B^ê,Á,ìfAfvfŠfP[]fVf†f“,ª•i[]”,ì“¯,ìfEfBf“fhf  
Ef^fCfGF<,Ü,½,ìfNf%ofX-¼,đ•Ô,·,±,Æ,ª,è,Ü,·[]B,Á,Ü,è•i[]”,ìĀÿ[]ō,âfqbfbg,μ,Á,à  
[]A•i[]”,ì“¯^ê,ìfAfvfŠfP[]fVf†f“,ª<N“®,μ,Á,ç,é,Æ,íĀÄ,è,Ü,¹,ñ[]B  
fEfBf“fhfEf^fCfGF<,đ•\Ž|,·,éfRf}f“fh,đŽg—p,μ,Á,ç  
,é[]ê[]†[]AfEfBf“fhfEf^fCfGF<,ª“ü,Á,Á,ç,È,çfAfvfŠfP[]fVf†f“,ìfqbfbg,μ,Ü,¹,ñ[]B

FINDWND,Á,ìĀÿ[]ō,Á,ìfpf  
%of[][]f^,ÉfEfBf“fhfEf^fCfGF<,đŽw'è,μ,ÄĀÿ[]ō,ª[]s,È,ì,Ü,·[]BfEfBf“fhfEf^fCfGF<,í  
**O•û^ê^v,Ü,½,íĀĚ•û^ê^v,ÁĀÿ[]ō,μ,Ü,·[]Bftf%ofO,É REAL**  
,đŽw'è,,é,ÆfEfBf“fhfEf^fCfGF<,đ³Šm,É,,x,Ä,ì•ĴŽš—ñ,ÁĀÿ[]ō,μ,Ü,·[]B[]Ú,μ,-  
,ìf^fCfGF<Āÿ[]ō,ìŽd—|,đ,²ZQ[]Æ,,¾,¾,ç[]B  
fEfBf“fhfEf^fCfGF<,đŽw'è,μ,È,¯,ê,ì[]A,·,x,Ä,ìfAfvfŠfP[]fVf†f“,ªfqbfbg,μ,Ü,·[]B

**FINDWND[=ftf%ofO] TITLEFIRST [/E[:]ŠĀ<<•i[]”-¼]**  
**["fEfBf“fhfEf^fCfGF<"]**

**FINDWND TITLENEXT [/E[:]ŠĀ<<•i[]”-¼]**

**FINDWND[=ftf%ofO] CLASSFIRST [/E[:]ŠĀ<<•i[]”-¼]**  
**["fEfBf“fhfEf^fCfGF<"]**

**FINDWND CLASSNEXT [/E[:]ŠĀ<<•i[]”-¼]**

**FINDWND[=ftf%ofO] HANDLEFIRST [/E[:]ŠĀ<<•i[]”-¼]**  
**["fEfBf“fhfEf^fCfGF<"]**

**FINDWND HANDLENEXT [/E[:]ŠĀ<<•i[]”-¼]**

<N“®,μ,Á,ç,é,·,x,Ä,ìfAfvfŠfP[]fVf†f“,ìfEfBf“fhfEf^fCfGF<(TITLEFIRST/NEXT)  
,Ü,½,ìfNf%ofX-¼(CLASSFIRST/NEXT)[]Afnf“fhf<”Ô[]†(HANDLEFIRST/NEXT)  
,ìĀÿ[]ō,đ[]s,È,ç,Ü,·[]BĀÿ[]ō,μ,½Ā<%oÉ,í%oæ-È,É•\Ž|,³,ê,Ü,·[]B  
**/E:ŠĀ<<•i[]”-¼,ªŽw'è,³,ê,Á,ç,é[]ê[]†,í%oæ-È,É•\**  
**Ž|,¹,³,ÉŠĀ<<•i[]”,É'ã“ü,μ,Ü,·[]B/E:NAME ,ì,æ,ƣ,É /E ,É'±,¯,ÄŠĀ<<•i[]”-**  
**¼,đŽw'è,μ,Á,,¾,¾,ç[]B**

Āÿ[]ō,ìŽn,ß,É xxxxxFIRST ,đ•K—v,È,çfEfBf“fhfEf^fCfGF<,đŽw'è,μ,Á[]s,È,ç[]A'±  
,¯,ÄĀÿ[]ō,đ[]s,È,ƣ,È,ç,í xxxxxNEXT ,đ[]s,È,ç  
,Ü,·(xxxxxNEXT,Á,íxxxxxFIND,ìĀ<%oÉ,ÉŠî,Á,ç,ÄĀÿ[]ō,đ[]s,È,ƣ  
,ì,ÁfEfBf“fhfEf^fCfGF<,ìŽw'è,í•K—v,è,Ü,¹,ñ)[]B—á,ì,ìŽÿ,ì—|,Éfobfj` ,ì—  
—,ê,É,È,è,Ü,·[]B

FINDWND=REAL **TITLEFIRST** /E:NAME "WinBatchEh"  
IF ERRORLEVEL 1 GOTO END

```
:LOOP
ECHO ©,Â,˘,½f^fCfjf<... %NAME%
FINDWND TITLENEXT /E:NAME
IF NOT ERRORLEVEL 1 GOTO LOOP
:END
```

xxxxxFIRST,ÆxxxxxNEXT,ðs,È,ŠÔ,ÉfEfBf“fhfE,ì•ï%»»,ª, ,é,ÆA³Šm,ÉŸÏð  
,ªs,È,!,È,,È,è,Ü,·B

ERRORLEVEL,É,ÍŽæ“¾,Å,«,ê,î 0 ,ðAŽæ“¾,Å,«,È,˘,ê,î 1 ,ð•Ô,µ,Ü,·B  
**/E:ŠÂ««•ï”**-¾,ðŽw’è,µ,Ä,ç  
,ÄŽæ“¾,ª,Å,«,È,çê#AŠÂ««•ï”,íó,É,È,è,Ü,·(íœ,ª,ê,Ü,·)B

—á  
FINDWND TITLEFIRST /E:TNAME  
FINDWND TITLEFIRST /E:TNAME "Win"  
FINDWND TITLENEXT /E:TNAME  
FINDWND=REAL CLASSFIRST "WinBatchEh - SAMPLE.BAT"  
FINDWND HANDLEFIRST @WinBatchEhExec

**FINDWND[=ftf%ofo] TITLEDSP ["fEfBf“fhfEf^fCfjf<"]**  
**FINDWND[=ftf%ofo] CLASSDSP ["fEfBf“fhfEf^fCfjf<"]**  
**FINDWND[=ftf%ofo] HANDLEDSP ["fEfBf“fhfEf^fCfjf<"]**  
**FINDWND[=ftf%ofo] ALLDSP ["fEfBf“fhfEf^fCfjf<"]**  
ŸÏð,ðs,È,Å,½Ÿ<%oÉfqfbfg,µ,½,·,x,Ä,lfAfvfŠfP[lVf#f“,lfEfBf“fhfEf^fCfjf<(TI  
TLEDSP),Ü,½,lfNf%ofX-  
¾(CLASSDSP)Afnf“fhf<”Ô+(HANDLEDSP)A’Sî•ñ(ALLDSP),ì%œ-Ê,Ö,ì\  
Ž!,ðs,È,ç,Ü,·B

ERRORLEVEL,É,í\Ž!,µ,½jJfEf“fg”,ð•Ô,µ,Ü,·B

—á  
FINDWND TITLEDSP "Win"  
FINDWND=REAL CLASSDSP "WinBatchEh - SAMPLE.BAT"  
FINDWND ALLDSP

**ŽQ**  
FINDCHILDWND

**FINDCHILDWND[=ftf%ofO] fRf}f“fh [fpf%of□□[f^]**

fEfBf“fhfE“à,ìŽqfEfBf“fhfE(fRf“fgf□□[f<),ìID”Ô□†,Â,ìĀĲ□ō,Û,½,í•\Ž,đ□s,È,ç,Ü,·□B  
FINDCHILDWND,É’±,¯,Ä“®□ì,đ□s,È,æfRf}f“fh-  
¼,đŽw’è,µ□A,»,ê,¼,ê,ìfRf}f“fh,É“K%ž,µ,½fpf%of□□[f^□[,ìŽw’è,à□s,È,Á,Ä,-  
,¾,¾,ç□B

FINDCHILDWND,Â,ìfEfBf“fhfEf^fCfGf<,Éf□fCf“fEfBf“fhfE,đŽw’è,µ,Û,·□BID”Ô□†,â  
•\Ž!,ìŽw’è,ìfEfBf“fhfE“à,ìfRf“fgf□□[f<,È,ç,âí□Ú,Æ,È,è,Û,·□B

FINDCHILDWND,Â,ìĀĲ□ō,Â,ìfpf  
%of□□[f^,ÉfEfBf“fhfEf^fCfGf<,đŽw’è,µ,ÄĀĲ□ō,â□s,È,!,Û,·□BfEfBf“fhfEf^fCfGf<,í’  
**O•ú^ê’v,Û,½,íĀĲ•ú^ê’v,ÄĀĲ□ō,µ,Û,·□Bftf%ofO,É REAL**  
,đŽw’è,·,é,ÆfEfBf“fhfEf^fCfGf<,đŽ<sup>3</sup>Sm,É,·,x,Ä,ì•ŋŽš—ñ,ÄĀĲ□ō,µ,Û,·□B□Ú,µ,-  
,ìf^fCfGf<ĀĲ□ō,ìŽd—l,đ,Ž<sup>2</sup>Q□Æ,,¾,¾,ç□B

**FINDCHILDWND[=ftf%ofO] ID "fEfBf“fhfEf^fCfGf<" ID”Ô□† ŠÂ<<•İ□”-¼**

Žw’è,ìfEfBf“fhfE“à,ìID”Ô□†,đŽ□,ÂŽqfEfBf“fhfE(fRf“fgf□□[f<)  
,ìfEfBf“fhfEfnf“fhf<,đŽæ“¾,µ,Û,·□BŽqfEfBf“fhfE(fRf“fgf□□[f<)  
,É’¼□Úf□bfZ□[fW,È,ç,đ’—,é,Æ,«,ÉfEfBf“fhfEfnf“fhf<,đŽæ“¾,·,é,ì,ÉŽg—  
p,µ,Û,·□B

ID”Ô□†,í□”l,ÂŽw’è,µ,Û,·(□”l,ìŽw’è•ú-@)□B  
Žæ“¾,µ,½fEfBf“fhfEfnf“fhf<,í16□□”,ÄŠÂ<<•İ□”,É’ă“ü,<sup>3</sup>é,Û,·□BŽw’è,ìfEfBf“fhfE,  
âID”Ô□†,â,È,·,ê,ìŠÂ<<•İ□”,l<ó,É,È,è,Û,·(□í□œ,<sup>3</sup>é,Û,·)□B

-ß,è’l

0 □³□í□I-1  
1  
Žw’è,ìID”Ô□†,ìŽqfEfBf“fhfE(fRf“fgf□□[f<),âĀĲ,Â,ç,È,ç  
253 Žw’è,ìfEfBf“fhfE,âĀĲ,Â,ç,È,ç  
254 ŠÂ<<•İ□”,ì-ì^æ,â•s’«  
255 fpf%□□[f^fGf%□[  
256 Žw’è,ìfEfBf“fhfE,É’î,·,é□^—,í-³Āø

—á

FINDCHILDWND ID "ftf@fCf<,đŠj," 1 HWND

**FINDCHILDWND[=ftf%ofO] ALLDSP "fEfBf“fhfEf^fCfGf<"**

Žw’è,ìfEfBf“fhfE“à,ì,·,x,Ä,ìŽqfEfBf“fhfE(fRf“fgf□□[f<),đ•\  
Ž!,µ,Û,·□BŽqfEfBf“fhfE(fRf“fgf□□[f<),É’¼□Úf□bfZ□[fW,È,ç,đ’—  
,é,Æ,«,É□AfEfBf“fhfE“à,đ’<sup>2</sup>□,·,é,ì,ÉŽg—p,µ,Û,·□B



•\Ž|,³,ê,é,ì,ífEfBf“fhfEfnf“fhf<(16□i□)□AID”Ô†(16□i□)□AfNf%ofX-¼□A•¶Žš—  
ň,Ā,·□B

**-ß,è'l**

0		□³□í□I-¹
1 □`	252	Œ©,Ā, -,½fEfBf“fhfE,Ì□”
253		Žw'è, ÌfEfBf“fhfE,ªŒ©,Ā,©,ç,È,¢
255		fpf%□□[f^, ÌfGf%□[
256		Žw'è, ÌfEfBf“fhfE,É'Î,·,é□^-□,Í-³Œø

**—á**

FINDCHILDWND ALLDSP "ftf@fCf<,đŠJ,"  
FINDCHILDWND ALLDSP "ftf@fCf<,đŠJ," > FILENAME.TXT

**ŽQ□I**

FINDWND

## GETCURSORPOS ŠĀ««•İ”(X) ŠĀ««•İ”(Y)

f}fEfXfj[f\<,ìĒ»Ÿ^Ê'u,đŽæ“¾,μ,Û,·B

ŠĀ««•İ”X,ÆY,É,Í,»,ê,¼,ê%œ-Êā,ìÀ•W'l(fXfNfŠ[f“À•W),“ü,è,Û,·B(—  
á,ı,î%œ-Ê,İTfCfY,<sup>a</sup> 640~480 ,Å, ,ê,î İİā,<sup>a</sup> X=0, Y=0A%œE%œ,<sup>a</sup> X=639,  
Y=479 ,Æ,È,è,Û,·)B

-ß,è'l

0  
254

İ³İİI-1  
ŠĀ««•İ”,İ-İ^æ,<sup>a</sup>•s'«

—á

GETCURSORPOS XPOS YPOS

ŽQİ

SETCURSORPOS

CLIPCURSOR

**SETCURSORPOS[=ftf%fo] [/W[:]"fEfBf"fhfEf^fCfjf<"] X Y**

f}fEfXfj[f\<,i^Ê'u,ðY'è,μ,Ü,·B

X,ÆY,É,í%æ-Êã,ìÀ•W'(fXfNfŠ[f"À•W),ðY'è,μ,Ü,·B(—á,í,í%æ-Ê,ìTfCfY,ª 640~480 ,Å, ,ê,î ¶¶ã,ª X=0, Y=0A%E%º,ª X=639, Y=479 ,Æ,È,è,Ü,·)B

%æ-Ê,ìTfCfY,ð' ,í,é,Æ%æ-Êã,Å^è"Ô'å,«,È'l,i^Ê'u,É,È,è,Ü,·B

/W,ðŽw'è,·,é,ÆAŽw'è,ìfEfBf"fhfE,ì¶¶÷,©,ç,i^Ê'u,Éfj[f\ f<^Ê'u,ðY'è,μ,Ü,·B/W,É±,¯,ÆfEfBf"fhfEf^fCfjf<,ðŽw'è,μ,Ü,·B

fEfBf"fhfEf^fCfjf<,í'•û^ê'v,Ü,½,íĀã•û^ê'v,ÅĀÿō,μ,Ü,·Bftf%fo,É **REAL**,ðŽw'è,·,é,ÆfEfBf"fhfEf^fCfjf<,ð³Šm,È,·,x,Ä,ì•¶Žš—ñ,ÅĀÿō,μ,Ü,·BÚ,μ,-,ìf^fCfjf<Āÿō,ìŽd—l,ð,²ŽQÆ,,¾,³,çB

**-ß,è'l**

0 ¶³íI-1

253

Žw'è,ìfEfBf"fhfE,ªĀ,Â,©,ç,È,ç(/WŽw'èŽž)

255 fpf%ff[f^¶[,ª•s'«

**—á**

SETCURSORPOS 320 240

SETCURSORPOS /W:"d'ì 120 240

SETCURSORPOS=REAL /W:"WinBatchEh - (-³'è)" 100 100

**ŽQ¶l**

GETCURSORPOS

MOUSEEVENT

CLIPCURSOR

## MOUSEEVENT “@” à—e

f}fEfXf{f^f“,đ%Ÿ,“@”ì,đ□s,É,ç,Ü,·□B

□,±,ìfRf}f“fh,íWinBatchEh 32frfbfgfo□[fWf†f“,Á,ì,Y—  
LCEø,Á,·□B16frfbfgfo□[fWf†f“,Á,í-³Ž<,³,ê,Ü,·□B

f{f^f“,íCE»□Y,ìf}fEfXfj□[f^f^É’u,Á□A%Ÿ,³,ê,é,±  
,Æ,É,É,è,Ü,·□B□æ,ÉSETCURSORPOS,Áf}fEfXfj□[f^f<,đ^Ú“@,³,¹,Ä,“,ç,Ä,,³/4,³,ç□B

f{f^f“,đ%Ÿ,“@”ì,ìŽw’è,í“ñ’É,è,ì•û-@,ª, ,è,Ü,·□B-Ú“í,É□‡,í,¹,½•û-@,đŽg—  
p,μ,Ä,,³/4,³,ç□B

### •û-@1: (SÈ^ŒŽw’è)

fNfŠfbfN“@”ì(f{f^f“,đ%Ÿ,./—£,·),ÁŽw’è,μ,Ü,·□B,±,ìŽw’è•û-@,Á,í{f^f“,đ  
%Ÿ,μ,½,Ü,Ü,É,·,é,æ,κ,È“@”ì,í□s,É,ì,Ü,¹,ñ□B  
fpf%of□□[f^,É^È%oº,ì•¶Žš,đŽw’è,μ,Ä,,³/4,³,ç□B

L : □¶fNfŠfbfN

R : %oEfNfŠfbfN

M : ’†%o>fNfŠfbfN

•□”,ì“@”ì,đ~A’±,μ,ÁŽw’è,·,é,±,Æ,ª,Á,«„Ü,·□B—á,ì,í LL  
,ÆŽw’è,·,é,Æ□A□¶f\_fuf<fNfŠfbfN,ì“@”ì,É,É,è,Ü,·□B“@”ì,Æ“@”ì,ìŠŒ,í<ó”,Á<æ□Ø  
,Á,Ä,à<æ□Ø,ç,È,,Á,à□\,ç,Ü,¹,ñ□B

### •û-@2: (□Ú□xŽw’è)

f{f^f“,đ%Ÿ,·□A—£,·,ì,»„ê,¼,ê,ì“@”ì,đŽw’è,μ,Ü,·□B  
fpf%of□□[f^,É^È%oº,ì□”’í,Ü,½,í’è<`•¶Žš,đŽw’è,μ,Ä,,³/4,³,ç□B(’è<`•¶Žš—ñ,đŽg—  
p,·,é□ê□‡,í’á•¶Žš,ÁŽw’è,μ,Ä,,³/4,³,ç)□B

<□”’l> <’è<`•¶Žš—ñ>

0x0002 MOUSEEVENTF\_LEFTDOWN

0x0004 MOUSEEVENTF\_LEFTUP

0x0008 MOUSEEVENTF\_RIGHTDOWN

0x0010 MOUSEEVENTF\_RIGHTUP

0x0020 MOUSEEVENTF\_MIDDLEDOWN

0x0040 MOUSEEVENTF\_MIDDLEUP

<“@”ì“à—e>

□¶f{f^f“f\_fEf“

□¶f{f^f“fAfbfv

%Ef{f^f“f\_fEf“

%Ef{f^f“fAfbfv

’†%>f{f^f“f\_fEf“

’†%>f^f“fAfbfv

•□”,ì“@”ì,đ~A’±,μ,ÁŽw’è,·,é,±,Æ,ª,Á,«„Ü,·□B—á,ì,í

MOUSEEVENTF\_LEFTDOWN MOUSEEVENTF\_LEFTUP

,ÆŽw’è,·,é,Æ□A□¶fNfŠfbfN,ì“@”ì,É,É,è,Ü,·□B“@”ì,Æ“@”ì,ìŠŒ,í<ó”,Á<æ□Ø,Á,Ä  
,,³/4,³,ç□B

-ß,è’l

0  
255

íI-1  
f^[, a•s'«AfGf%

—á

MOUSEEVENT L

MOUSEEVENT LL

MOUSEEVENT MOUSEEVENTF\_RIGHTDOWN

MOUSEEVENT MOUSEEVENTF\_RIGHTDOWN MOUSEEVENTF\_RIGHTUP

MOUSEEVENT 0x0002 0x0004

ŽQ

SETCURSORPOS

## CLIPCURSOR [LEFT TOP RIGHT BOTTOM]

f}fEfXfj[f]f<,ì^Ú“®%oÂ“\,È”í^í,đY’è,μ,Ü,·□B

^Ú“®%oÂ“\,Æ,·,é”í^í,đXfNfš[f“],ì□À•W(0□`%oæ-ÊfTfCfY)  
,Å□ALEFT(□¶)□ATOP(□ã)□ARIGHT(%oE)□ABOTTOM(%oº),ì□‡,É□AŽw’è,μ,Ü,·□B  
fRf}f“fhŽÀ□sĀã□Af}fEfXfj[f]f<,íŽw’è”í^í,ì□¶□ã,ì^Ê’u,É,È,è,Ü,·□B

,·,×,Ä,ì□À•W,ìŽw’è,ª,È,¯,ê,î□A^Ú“®”í^í,đffXfNfgfbfv,ì’ã,«,<sup>3</sup>,É-ß,μ,Ü,·□B

fofbf^,ª□I-<sup>1</sup>,μ,Ä,à□A^Ú“®%oÂ“\,È”í^í,ìŽw’è,íĀp’±,μ,<sup>1</sup>/<sub>2</sub>,Ü,Ü,É,È,è,Ü,·,ì,Å□A•K—  
v,É□^—□,ª□I,í,Ä,<sup>1</sup>/<sub>2</sub>,ç•K,„ffXfNfgfbfv,ì’ã,«,<sup>3</sup>,É”í^í,đ-ß,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B

-ß,è’I

<sup>0</sup>  
255

□<sup>3</sup>□í□I-<sup>1</sup>  
fpf%□□[f^□[,ª•s’«

—á

CLIPCURSOR 100 200 200 400  
CLIPCURSOR

**ŽQ**□I

GETCURSORPOS

SETCURSORPOS

## GETFOCUS [/T,/C,/H] ŠĀ««•İ”-¼

Œ»ŸftfH[fjfx,ªŸ'è,³,ê,½fEfBf“fhfE,ìŸî•ñ,ðŽæ“¾,µ,Û,·B

Žæ“¾,·,é“à—e,İfİvfVfƒ“,ĂŽw'è,µ,Û,·B^È%º,İfİvfVfƒ“,ªŽw'è,Ă,«,Û,·B

/T f^fCfGF<-¼,ðŽæ“¾,µ,Û,·B(ffftfHf<fg)

/C fNf%fx-¼,ðŽæ“¾,µ,Û,·B

/H fnf“fhf<”ÔŸt,ðŽæ“¾,µ,Û,·B

fİfVfVfƒ“,ĂŽw'è,µ,½Ÿî•ñ,ªŠĀ««•İ” ,ÉŸ'è,³,ê,Û,·B

ftfH[fjfx,ªŸ'è,³,ê,½fEfBf“fhfE,ªŸŸ'è,µ,È,çêŸAERRORLEVEL,É253,ªŸ'è,³,ê  
AŠĀ««•İ”,Íó,É,È,è,Û,·(ŸŸœ,³,ê,Û,·)B

fEfBf“fhfE,ìŸî•ñ,ªŽæ“¾,Ă,«,È,çêŸ,ªAfEfBf“fhfE^fCfGF<,È,ç,ªŸ'è,³,ê,Ă,ç  
,È,çêŸ,İAERRORLEVEL,É0,ªŸ'è,³,êAŠĀ««•İ”,Íó,É,È,è,Û,·(ŸŸœ,³,ê,Û,·)B

-Œ,è'l

0

Ÿ³ŸíŸI-1

253

ftfH[fjfx,ªŸ'è,³,ê,½fEfBf“fhfE,ªŸŸ'è,µ,È,ç

254 ŠĀ««•İ”,İ-İ^æ,ª•s'«

255 fpf%ff[f^Ÿ[,ª•s'«

—á

GETFOCUS ENVNAME

GETFOCUS /C CLASSNAME

ŽQŸI

SETFOCUS

SLEEPTIME FOCUS

**SETFOCUS[=ftf%ofo] ["fEfBf"fhfEf^fCfjf<"]**

Žw'è, ÌfEfBf"fhfE, ÉftfH[]fjfX, ðÝ'è, µ, Ü, ·B

fEfBf"fhfEf^fCfjf<, Í'Ö•û^è'v, Ü, ½, ÍĈĚã•û^è'v, ĀĈĚŸ[]ð, µ, Ü, ·Bftf%ofo, É **REAL**  
, ðŽw'è, ·, é, ĀfEfBf"fhfEf^fCfjf<, ð³Šm, Ě, ·, x, Ā, Ì•Ÿš—ñ, ĀĈĚŸ[]ð, µ, Ü, ·B[]Ú, µ, -  
, Íf^fCfjf<ĈĚŸ[]ð, ÌŽd—l, ð, ²ŽQ[]Ā, , ¾, ³, ç[]B

fEfBf"fhfEf^fCfjf<, ÌŽw'è, º, È, ¯, ê, ÎĀĈĚ»[]ÝŽÀ[]s't, Ìfofbf`ŽÀ[]sfEfBf"fhfE, ÉftfH[]fj  
fX, ðÝ'è, µ, Ü, ·(fofbf`ŽÀ[]sfEfBf"fhfE, º•Ž![]ó'Ô, Ì, Ā, «, Ì, Ý)[]B

ftfH[]fjfX, ÌÝ'è, ³, ê, ½fEfBf"fhfE, Í[]A'O-Ě, Ě•Ž! , ³, êfAfNfefBfu, È[]ó'Ô, Ě, È, è, Ü, ·B

[]ŠĀ««, Ě, æ, Ā, Ä, Í[]AftfH[]fjfX, º—^, Ì, ç, ê, é'O, Éfofbf`[]^—, º[]æ, É[]i, p, ±, Ā, º, , è, Ü,  
, Ì, Ā[]A•K—v, Ā, , ê,  
ÎGETFOCUS, Ā, ÌŠm" F, â[]ASLEEPTIME, ĀžžŠÔ'Ò, Ì, ðSETFOCUS, ÌĈĚã, É[]s, È, Ā, Ä, -  
, ¾, ³, ç[]B

**-ß, è' l**

0  
253

³[]í[]I-1  
Žw'è, ÌfEfBf"fhfE, ºĈ©, Ā, ©, ç, È, ç

**—á**

SETFOCUS=REAL "fvf[]fof%of€ f}f[]fWff"

- ŽQ[]l**
- GETFOCUS
- SHOWWINDOW
- SLEEPTIME FOCUS



## SHOWWINDOW[=ftf%ofO] "fEfBf"fhfEf^fCfjf<" [ó'Ô-¼]

Žw'è,lfEfBf"fhfE,ìó'Ô,ðÝ'è/Žæ"¾,μ,Û,·B

fEfBf"fhfEf^fCfjf<,í'Ô•û^è'v,Û,½,íĀĕ•û^è'v,ĀĈÿĵ,μ,Û,·Bftf%ofO,É **REAL**  
,ðŽw'è,·,é,ĀfEfBf"fhfEf^fCfjf<,ð³Šm,Ē,·,×,Ā,ì•ŕŽš—ñ,ĀĈÿĵ,μ,Û,·BŰ,μ,-  
,í^fCfjf<Ĉÿĵ,ìŽd—l,ð,²ŽQĀĒ,,¾,¾,ϕB

ó'Ô-¼,ìŽw'è,ðs,Ē,žŽ-,É,æ,èfEfBf"fhfE,ìó'Ô,ðÝ'è,Ā,«,Û,·Bó'Ô-¼,É,í^È  
%º,ì,à,ì,ðŽw'è,Ā,«,Û,·B('è<`•ŕŽš—ñ,ðŽg—p,·,éêĵ,í'â•ŕŽš,ĀŽw'è,μ,Ā,-  
,¾,¾,ϕ)B

<"'l> <'è<`•ŕŽš—ñ> <fEfBf"fhfE,ìó'Ô>  
Žw'è,È,μ  
fEfBf"fhfEó'Ô  
0 SW\_HIDE "ñ•\Ž;  
1 SW\_NORMAL ,Û,½,í fEfBf"fhfEó'Ô  
 SW\_SHOWNORMAL  
fEfBf"fhfEó'Ô  
2 SW\_SHOWMINIMIZED ĀĀ-»ó'Ô  
3 SW\_SHOWMAXIMIZED Ā'â»ó'Ô  
256 SW\_GETSHOW  
Ĉ»Ý, Ìó'Ô, ðŽæ"¾, μ, Û, ·

### ó'Ô,É 256 (SW\_GETSHOW)

,ðŽw'è,μ,½ĵĵ,ĀfEfBf"fhfE,ìĈ»Ý,ìó'Ô,ĀERRORLEVEL,É•Ô,è,Û,·B'A,μĀ"ñ  
•\Ž!,ìó'Ô,Ā,í•K, 0 ,Ā•Ô,¾,è,Û,·B

Ā!ŠĀ««É,æ,Ā,Ā,íĀŽw'è,ìó'Ô,É,È,é'O,Éfobf`Ā^—Ā,Āæ,Éĵi,p,±,ĀĒ,Ā,è,Û,·,ì,Ā  
ĀĀ•K—v,Ā,è,ĀÝ'èĀĀASW\_GETSHOW,ðŽg—  
p,μ,Ā,ìó'Ô,Āšm"Œ,âĀASLEEPTIME,ĀŽžŠÔ'Ò,ž,ðSHOWWINDOW,ìĈĀ,Éĵs,È,Ā,Ā,-  
,¾,¾,ϕB

### -B,è'l

0 Ā³ĀíĀI-¹  
0 Ā Ĉ»Ý, Ìó'Ô (SW\_GETSHOWŽw'èŽž)  
253 Žw'è, ĀfEfBf"fhfE, ĀĈ, Ā, ©, ç, È, ϕ  
255 fpf%ff[f^Ā[, Ā•s'«

### —á

SHOWWINDOW=REAL "fvfĵOf%ofĒ f}fĵ[fWff" SW\_MINIMIZE

### ŽQĀ

SETFOCUS

**GETWINDOWRECT[=ftf%ofO] "fEfBf"fhfEf^fCfGf<" ŠÂ<<•İ" (X)  
ŠÂ<<•İ" (Y) ŠÂ<<•İ" (•) ŠÂ<<•İ" (, , 3)**

Žw'è, ÌfEfBf"fhfE, ÌÊ'u<y, ÑfTfCfY, đŽæ"¾, µ, Ü, ·B

fEfBf"fhfEf^fCfGf<, Í'Ō•û^ê'v, Ü, ½, ÍĈĚ•û^ê'v, ĀĈĚŸŸö, µ, Ü, ·Bftf%ofO, É **REAL**  
, đŽw'è, ·, é, ĀfEfBf"fhfEf^fCfGf<, đŸ³Šm, È, ·, x, Ā, Ì•ŸŽš—ñ, ĀĈĚŸŸö, µ, Ü, ·BŸÚ, µ, -  
, Íf^fCfGf<ĈĚŸŸö, ÌŽd—, đ, ²ŽQĀĒ, , ¾, ³, ĸB

fEfBf"fhfE, ²efEfBf"fhfE(fgfbfVfĈfxf<, ÌfEfBf"fhfE), Ìĉĉ#X^Ê'u, ĀĈĚŸŸö, Í%œ-  
Ê'S'Ì, ÌĀ•W'Ì(fXfNfŠ[f"Ā•W), ²Žg, í, è, Ü, ·B(-á, Ì, Í%œ-Ê, ÌfTfCfY, ² 640Ÿ~480  
, Ā, , ê, Ì ŸŸă, ² X=0, Y=0Ā%œE%œ, ² X=639, Y=479 , Ā, È, è, Ü, ·)B  
fEfBf"fhfE, ²f\_cfAfŸfOf{fbfNfX, È, Ĉ, ÌŽqfEfBf"fhfE, Ìĉĉ#Ā•W, ÌefEfBf"fhfE, ÌŸŸ  
ă<÷, ©, ĸŽn, Ü, è, Ü, ·B  
·, ĀĀ, , ³, Ìfhfbfg'P^Ê, Ā, ÌfTfCfY, Ā, ·B

, ±, ê, ĸ, Ì, » , ê, ¼, ê, Ì"Ÿ'Ì, ²Žw'è, µ, ½ŠÂ<<•İ" , É'ă"ü, ³, ê, Ü, ·B

Ÿ'Ì^Ō, ÌfoŸ[fWf#f" , Ā, ÍGETWINDOW, Ā, µ, Ā, ĸ, Ü, µ, ½, ²Ā•', ĸ, í, µ, ĸ, ½, ßfRf}f"fh-  
¼, đGETWINDOWRECT, É•İX, µ, Ā, ĸ, Ü, ·BGETWINDOW, Ā, à"Ÿ—  
Ì, Ì"®Ÿ, ²Ÿs, È, Ì, Ü, ·B

**-ß, è'Ì**

0  
253  
254  
255

Ÿ³ŸíŸI-1  
Žw'è, ÌfEfBf"fhfE, ²Ĉ©, Ā, ©, ĸ, È, ĸ  
ŠÂ<<•İ" , Ì-Ì^æ, ²•s'«  
fPf%ŸŸ[f^ŸŸ, ÌfGf%ŸŸ

**—á**

GETWINDOWRECT "fvfŸfOf%œf€" ENVX ENVY ENVR ENDB  
GETWINDOWRECT=REAL "fvfŸfOf%œf€ f}fŸ[fWff" ENVX ENVY ENVR ENDB

**ŽQŸ**

SETWINDOWRECT  
SETWINDOWPOS

**SETWINDOWRECT[=ftf%ofO] "fEfBf"fhfEf^fCfjf<" [X^Ê'u],[Y^Ê'u],[•□], [□,³]**

Žw'è,lfEfBf"fhfE,ìÊ'u<y,ÑfTfCfY,đŸ'è,μ,Ü,·□B

fEfBf"fhfEf^fCfjf<,íO•û^ê'v,Ü,½,íĀĕ•û^ê'v,ĀĈĚŸ□đ,μ,Ü,·□Bftf%ofO,É **REAL**,đŽw'è,·,é,ĀfEfBf"fhfEf^fCfjf<,đ³Šm,È,·,x,Ā,ì•Ÿš—ñ,ĀĈĚŸ□đ,μ,Ü,·□B□Ú,μ,-,Íf^fCfjf<ĈĚŸ□đ,ìŽd—l,đ,²ŽQ□ĀE,,¾,³,č□B

fEfBf"fhfE,²efEfBf"fhfE(fgfbfvfĈfxf<,lfEfBf"fhfE),ìĕ□#X^Ê'u,ĀEY^Ê'u,í%œ-Ê'S'ì,ì□A•W'ì(fXfNfS□[f"□A•W),²Žg,í,è,Ü,·□B(-á,ì,í%œ-Ê,ìfTfCfY,² 640□~480,Ā, ,ê,í □Ÿ□ă,² X=0, Y=0□A%œE%œ²,² X=639, Y=479 ,ĀE,È,è,Ü,·)□B fEfBf"fhfE,²f\_cfAf□fOf{fbfNfX,È,Ĉ,ìŽqfEfBf"fhfE,ìĕ□#□A•W,ìefEfBf"fhfE,ìŸŸ ā<÷,©,çŽn,Ü,è,Ü,·□B

•□,ĀE□,³,Ífhfbfg'P^Ê,Ā,ìfTfCfY,đŽw'è,μ,Ü,·□B,±,ì'l,É,Íf^fCfjf<fo□[,È,Ĉ,ì□;- @,àŠÜ,Ü,è,Ü,·□B

□"'l,í<ó"' ,Ü,½,ÍfJf"ff}(,),Ā<œ□Ø,è,Ü,·□BX^Ê'u^È□~ ,í•K—v,²,È, -,ê,î□È—²,·,é,± ,ĀE,²,Ā,« ,Ü,·□BfJf"ff},Ā<œ□Ø,Ā,½□ĕ□# ,í•"•²"l,É□"'l,đ□È—²,·,é,± ,ĀE,²,Ā,«□A,» ,ìĕ□#□È—²,μ,½□"'l,íĈ³,ì'l,ì,Ü,Ü,É,È,è,Ü,·□B,±,ê,đ—~ —p,μ,Ā— á,ì,ìfTfCfY,ì,Ÿ,đ•ì□X,·,é,±,ĀE,à,Ā,« ,Ü,·□B

"z—ñ□#□~ ,à•ì□X,μ,½,č□ĕ□# ,í□ASETWINDOWPOS,đŽg—p,μ,Ā,,¾,³,č□B

□i^Ê'O,ìfo□[fWf#f" ,Ā,ÍSETWINDOW,ĀE,μ,Ā,č,Ü,μ,½,²□A•´,ç,í,μ,č,½,ßfRf}f"fh- ¼,đSETWINDOWRECT,É•ì□X,μ,Ā,č,Ü,·□BSETWINDOW,Ā,à"~ — l,ì"®□ì,²□s,È,ì,Ü,·□B

**-ß,è'l**  
0  
253  
255  
□³□í□I-¹  
Žw'è, ÌfEfBf"fhfE, ²Ĉ©,Ā,©,ç,È,č  
fpf%□f□[f^□[ ,ÌfGf%□[

**—á**  
SETWINDOWRECT=REAL "fvf□fOf%of€ f}fì□[fWff" 0,0,640,480  
SETWINDOWRECT=REAL "fvf□fOf%of€ f}fì□[fWff" ,,100,100  
SETWINDOWRECT "fvf□fOf%of€" 100 100

**ŽQ□l**  
GETWINDOWRECT  
SETWINDOWPOS

**SETWINDOWPOS[=ftf%ofO] "fEfBf"fhfEf^fCfGf<" ["z'u□□~],[X^Ê'u], [Y^Ê'u],[•□],[□,•³],[¹²□@ftf%ofO]**

Žw'è,lfEfBf"fhfE,l"z—ñ□□~□A^Ê'u<y,ŃftfCfY□A'²□@ftf%ofO,đ□Ý'è,μ,Ü,•□B

fEfBf"fhfEf^fCfGf<,Í'O•û^ê'v,Ü,½,ÍĀĒ•û^ê'v,ĀĀĒŸ□ō,μ,Ü,•□Bftf%ofO,É REAL ,đŽw'è,•,é,ĀEfEfBf"fhfEf^fCfGf<,đ□³Šm,Ē,•,×,Ā,ì•ŃŽš—ñ,ĀĀĒŸ□ō,μ,Ü,•□B□U,μ,- ,Íf^fCfGf<ĀĒŸ□ō,ÌŽd—l,đ,²ŽQ□ĀĒ,•¾,³,č□B

"z'u□□~,ÌŽw'è,đ□s,Ē,×Ž-,É,æ,èEfEfBf"fhfE,l"z—ñ□□~,đ□Ý'è,Ā,«,Ü,•□B"z— ñ□□~,É,Í^È%o,ì,à,ì,đŽw'è,Ā,«,Ü,•□B'è<`•ŃŽš—ñ,đŽg—p,μ,Ā,¾,³,č('è<`•ŃŽš— ñ,Í'á•ŃŽš,ĀŽw'è,μ,Ā,¾,³,č)□B

<'è<`•ŃŽš—ñ> <"z—ñ,İ□□~>  
HWND\_TOP fEfBf"fhfE,đ□ă^Ê('O-Ê),É"z'u,μ,Ü,•□B  
HWND\_BOTTOM fEfBf"fhfE,đ□Ā%o^Ê(Āă-Ê),É"z'u,μ,Ü,•□B  
HWND\_TOPMOST fEfBf"fhfE,đ□í,É□Ā'O-Ê,É"z'u,μ,Ü,•□B  
HWND\_NOTOPMOST □Ā'O-Ê,İfEfBf"fhfE,đ'Ê□í□ó'Ô('O-Ê),É"z'u,μ,Ü,•□B

**X^Ê'u,ĀY^Ê'u**,lfEfBf"fhfE,ì□Ń□ă,â^Ê'u,•,é□Ā•W,đŽw'è,μ,Ü,•□B  
fEfBf"fhfE,â□efEfBf"fhfE(fgfbfvfĀfxf<,lfEfBf"fhfE),ì□ê□X^Ê'u,ĀY^Ê'u,Í%oæ- Ê'S'í,ì□Ā•W'í(fXfNfS□[f"□Ā•W),âŽg,í,ê,Ü,•□B(-á,í,Í%oæ-Ê,lfTfCfY,â 640□~480 ,Ā, ,é,ì □Ń□ă,â X=0, Y=0□Ā%oE%o,â X=639, Y=479 ,ĀĒ,Ē,è,Ü,•)□B  
fEfBf"fhfE,âf\_fCfAf□Of{fbfNfX,Ē,Ç,ÌŽqEfBf"fhfE,ì□ê□□Ā•W,Í□efEfBf"fhfE,ì□Ń□ă<÷,©,çŽn,Ü,è,Ü,•□B  
•□,ĀĒ,¾,³,Ífhfbfg'P^Ê,Ā,lfTfCfY,đŽw'è,μ,Ü,•□B,±,ì'l,É,Íf^fCfGf<fo□[Ē,Ē,Ç,ì□i- @,àŠÜ,Ü,ê,Ü,•□B

¹²□@ftf%ofO,ÌŽw'è,đ□s,Ē,×Ž-,É,æ,èEfEfBf"fhfE,ì²□@,â,Ā,«,Ü,•□B'²□@ftf %ofO,É,Í^È%o,ì,à,ì,đŽw'è,Ā,«,Ü,•□B'²□@ftf %ofO,Í•i□",ÌŽw'è,đ'g,Ý□□,í,¹,ĀŽw'è,•,é,±,ĀĒ,â,Ā,«,Ü,•□B□"l,Ü,½,Í'è<`•ŃŽš— ñ,âŽg—p,Ā,«,Ü,•('è<`•ŃŽš—ñ,đŽg—p,•,é□ê□□,Í'á•ŃŽš,ĀŽw'è,μ,Ā,¾,³,č)□B

<□"l> <'è<`•ŃŽš—ñ> <'²□@"à-e>  
0x0001 SWP\_NOSIZE •□,ĀĒ,¾,³,ÌŽw'è,đ-³Ž<,μ,Ü,•□B  
0x0002 SWP\_NOMOVE X^Ê'u,ĀY^Ê'u,ÌŽw'è,đ-³Ž<,μ,Ü,•  
0x0004 SWP\_NOZORDER "z—ñ□□~,ÌŽw'è,đ-³Ž<,μ,Ü,•□B  
0x0008 SWP\_NOREDRAW fEfBf"fhfE"à-e,â•İ□X,¾,³,é,Ā,à□Ā•`  
æ,μ,Ü,¹,ñ□B  
0x0010 SWP\_NOACTIVATE fEfBf"fhfE,đfAfNfefBfuæ»μ,Ü,¹,ñ□B  
0x0020 SWP\_FRAMECHANGED ,Ü,½,Í fEfBf"fhfE,đ^Í,þ~g,đ•`  
æ,μ,Ü,•□B  
SWP\_DRAWFRAME  
0x0040 SWP\_SHOWWINDOW fEfBf"fhfE,đ•\Ž!□ó'Ô,É,μ,Ü,•□B  
0x0080 SWP\_HIDEWINDOW fEfBf"fhfE,đ"ñ•\Ž! ,É,μ,Ü,•□B

SWP\_SHOWWINDOW,Ü,½,ÍSWP\_HIDEWINDOW,đ□Ý'è,μ,½,Æ,«,í□AfeBf“fhfE,đ^  
Ú“®\_μ,½,èftfCfY•ï□X,μ,½,è,Å,«,Ü,¹,ñ□B

□“l,í<ó“’,Ü,½,ÍfJf“f}(,),Å<æ□Ø,è,Ü,·□B”z—ñ□#□~^È□~,í•K—v,<sup>a</sup>È,¯,ê,î□È—<sup>a</sup>,·,é,±  
,Æ,<sup>a</sup>Å,«,Ü,·,<sup>a</sup>□AfeBf“fhfE,É,æ,Á,Ä,í□È—<sup>a</sup>,·,é,ÆffftfHf<fg,ì'l,<sup>a</sup>“K—  
p,<sup>3</sup>ê,é,½,ß,É□Ý'è,<sup>a</sup>•í□X,<sup>3</sup>ê,é□ê□#,<sup>a</sup>,è,Ü,·□B

^Ê'u<y,ÑftfCfY,đ•ï□X,·,é,<sup>3</sup>/<sub>4</sub>,¯,ìžž,í□ASETWINDOWRECT,đŽg—p,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,¢□B

**-ß,è'l**

0	□ <sup>3</sup> □í□I— <sup>1</sup>
1	fGf%□[
253	Žw'è,ÌfEfbf“fhfE, <sup>a</sup> ⊕,Â,©,ç,È,¢
255	fpf%f□□[f^□[, <sup>a</sup> •s'«

**—á**

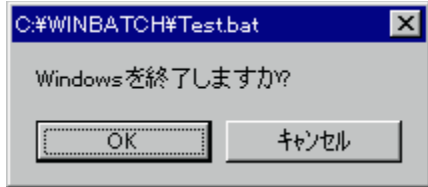
SETWINDOWPOS "WinBatchEh -" HWND\_TOPMOST  
SETWINDOWPOS "WinBatchEh -" HWND\_TOP,10,0,640,480,SWP\_DRAWFRAME

**žQ□l**

SETWINDOWRECT  
GETWINDOWRECT

**MESSAGEBOX[=ftf%ofo] [/T[:]"f^fCfjf<"] [•¶Žš—ñ]  
 MSGBOX[=ftf%ofo] [/T[:]"f^fCfjf<"] [•¶Žš—ñ]**

f[]fbfZ[][fWf{fbfNfX,ì•\Ž!,ð[]s,È,ç,Ü,·[]BŽŸ,ì,æ,æ,ÈEfBf“fhfE,Å,·[]B



ftf%ofo,ìŽw'è,É,æ,Å,Ä^È%o°,ì,æ,æ,È“@[]i,ð[]s,È,ç  
 ,Ü,·[]B[]"l,í,·,x,Ä16[]i[]",Å,·[]B('è<`•¶Žš—ñ,ðŽg—p,·,é[]ê[]‡,í'â•¶Žš,ÅŽw'è,µ,Ä,-  
 ,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç)[]B

**f{f^f“•\Ž!,ìŽw'è:**

<[]" 'l> <'è<`•¶Žš—ñ>	<•\Ž!, <sup>3</sup> ,è,éf{f^f">
Žw'è,È,µ	[OK]
0x0000 MB_OK	[OK]
0x0001 MB_OKCANCEL	[OK] [·-Ý <sup>3</sup> / <sub>4</sub> Ü]
0x0002 MB_ABORTRETRYIGNORE	[ '†Ž~] [[]ÄŽŽ[]s] [- <sup>3</sup> Ž<]
0x0003 MB_YESNOCANCEL	[,Í,ç] [,ç,ç, ]
[·-Ý <sup>3</sup> / <sub>4</sub> Ü]	
0x0004 MB_YESNO	[,Í,ç] [,ç,ç, ]
0x0005 MB_RETRYCANCEL	[[]ÄŽŽ[]s] [·-Ý <sup>3</sup> / <sub>4</sub> Ü]

**fAfCfRf“•\Ž!,ìŽw'è:**

<[]" 'l> <'è<`•¶Žš—ñ>	<•\
Ž!, <sup>3</sup> ,è,éfAfCfRf">	
Žw'è,È,µ	,È,µ
0x0010 MB_ICONSTOP ,Ü, <sup>1</sup> / <sub>2</sub> ,Í	(STOP)
MB_ICONHAND	(STOP)
0x0020 MB_ICONQUESTION	(?)
0x0030 MB_ICONEXCLAMATION	(!)
0x0040 MB_ICONASTERISK ,Ü, <sup>1</sup> / <sub>2</sub> ,Í	(i)
MB_ICONINFORMATION	(i)

**ffftfHf<fgf{f^f“,ìŽw'è:**

<[]" 'l> <'è<`•¶Žš—ñ>  
 <ffftfHf<fg,ìf{f^f">  
 Žw'è,È,µ  
 1,Å,ß,ìf{f^f“,æffftfHf<fg  
 0x0000 MB\_DEFBUTTON1  
 1,Å,ß,ìf{f^f“,æffftfHf<fg  
 0x0100 MB\_DEFBUTTON2

2, Å, ß, Ìf{f^f“, ðffftfHf<fg  
0x0200 MB\_DEFBUTTON3  
3, Å, ß, Ìf{f^f“, ðffftfHf<fg

‰Ž“š't, Ì'¼, ÌfAfvfšfP[fVf†f“, Ì“@ì, Ì'âž~žw'è:

<“'’l> <'è<`•¶Žš-ñ>  
žw'è, È, µ  
0x0000 MB\_APPLMODAL  
0x1000 MB\_SYSTEMMODAL  
0x2000 MB\_TASKMODAL  
, ÌfAfvfš

<'âž~, ³, ¹, éfAfvfš>  
‰e<¿, È, µ  
‰e<¿, È, µ  
, ·, x, Å, ÌfAfvfš  
(Œ»Ÿ^Ó-¿, È, µ), ±

•\Ž!•¶Žš-ñ, Ìžw'è:

<“'’l> <'è<`•¶Žš-ñ>  
žw'è, È, µ  
ñ, ð, », Ì, Ü, Ü•\Ž!  
0x4000 MB\_FORMAT  
n, È, Ç, ÌfGfXfP[fv, ð“K-p, ·, é

<•\Ž!•¶Žš-ñ, Ìžw'è>  
•¶Žš-  
•¶Žš-ñ, È\

•¿“”, Ì•\Ž!žw'è, ð'g, Ý¶, í, ¹, é¶ê¶, Í“'l, ð¶Œv, µ, ½'l, ð 0x0203 , Ì, æ, x  
, È'¼¶Úžw'è, ·, é, ©¶AMB YESNOCANCEL+MB\_DEFBUTTON3 , Ì, æ, x  
, ÈŽ®, ðžw'è, µ, Å, ¾, ³, †(ŠÖ, ÉfXfy[fX“™, Í“ü, ê, È, †, Å, ¾, ³, †)¶B—  
á, Ì, ÌžŸ, Ì3¶s, Ì, ·, x, Å“-, ¶“®ì, ð¶s, È, †, Ü, ·¶B

MESSAGEBOX=0x0124 , æ, è, µ, †, Å, ·, ©?  
MESSAGEBOX=0x0004+0x0100+0x0020 , æ, è, µ, †, Å, ·, ©?  
MESSAGEBOX=MB\_YESNO+MB\_DEFBUTTON2+MB\_ICONQUESTION , æ, è, µ, †, Å, ·, ©?

, Ü, ½¶Af{f^f“, Ì‰ž“š, È, æ, è^È  
‰‰, ÌERRORLEVEL, ð•Ô, µ, Ü, ·¶BERRORLEVEL, Ì“äšr, Í“'l, ¾, -, Å, Ì, È, ¶A'è<`•¶Žš-  
ñ, Æ“äšr, ·, éž-, à‰Å“\, Å, ·¶B

<“'’l>	<f{f^f“>	<'è<`•¶Žš-ñ>
1	[OK]	IDOK
2	[·-Ý¾Ü]	IDCANCEL
3	[ '†ž~]	IDABORT
4	[¶Äžž¶s]	IDRETRY
5	[-¾ž<]	IDIGNORE
6	[, Í, †]	IDYES
7	[, †, †,  ]	IDNO

MB\_FORMAT, ðžw'è, µ, ½¶ê¶ PRINTF , Æ“-, ¶Œ`ž®, Å\, È, Ç, ÌfGfXfP[fv, æžg—  
p, Å, «, Ü, ·(fGfXfP[fv, Ì, Ý, Å%%d, È, Ç, Ì^ø¶”, Ìžg—p, Å, «, Ü, ¹, ñ)¶B, ±, é, È, æ, è•¶Žš—  
ñ, Ì“r†, Å‰ü¶s, È, Ç, ð¶s, È, x, ±, Æ, æ, Å, «, Ü, ·¶B

/T,Å,lf^fCfjf<,É,lfEfBf“fhfE,lf^fCfjf<,đŽw’è,μ,Ü,·□B/T:"Window Title" ,l,æ,κ  
,Éf^fCfjf<,đ "" ,Å^Í,Á,ÄŽw’è,μ,Ä,,¾,¾,ç□BŽw’è,ª,É,·,ê,lfofbf`ftf@fCf<-  
¼,af^fCfjf<,É,É,è,Ü,·□B

f□fbfZ□[fWf{fbfNfX,ì•Ž!,Æ“-Žž,É□AWindows,lfTfEf“fh□Ý’è,đ□s,È,Á,Ä,ç  
,ê,Í□AMESSAGEBEEP, MSGBEEP,Æ“™™™,lfTfEf“fh,ª”□¶,¾,ê,Ü,·□B”-  
□¶,¾,ê,éTfEf“fh,ìŽí—p,Í□AfAfCfRf“•Ž!,ì“à—e,É□],ç,Ü,·□B

**-ß,è'l**

1 □`

7

‰ÿ,¾,ê,½f{f^f“,ì'l

**—á**

MESSAGEBOX=0x0004 ‘±,·,Ü,·,©?

IF ERRORLEVEL 7 GOTO END

MESSAGEBOX=MB\_YESNO ‘±,·,Ü,·,©?

IF ERRORLEVEL IDNO GOTO END

MESSAGEBOX=MB\_YESNO+MB\_DEFBUTTON2 /T:"^—□,ì‘±□s" ‘±,·,Ü,·,©?

IF %ERRORLEVEL%==IDNO GOTO END

**ŽQ□l**

MESSAGEBEEP, MSGBEEP

NONSTOPMESSAGE, NONSTOPMSG

PRINTF





0x0010 MB\_ICONSTOP, MB\_ICONHAND



0x0020 MB\_ICONQUESTION



0x0030 MB\_ICONEXCLAMATION



0x0040 MB\_ICONASTERISK, MB\_ICONINFORMATION

## MESSAGEBEEP [ ]'''I MSGBEEP [ ]'''I

fTfEf"fh,đÄ□□,μ,Ü,·□BMESSAGEBEEP,É'±, -,Ä□'''l,đŽw'è,·,é,±  
,Æ,É,æ,èfTfEf"fh,ì□Ý'è,ÅŽw'è,³,ê,½fTfEf"fh,²□Ä□□,³,ê,Ü,·□B

□'''l,í,·,x,Ä16□i□",Å,·□B('è<`·□Žš—ñ,đŽg—p,·,é□ê□‡,í'â·□Žš,ÅŽw'è,μ,Ä,-  
,¾,¾,ϕ)□B

<□'''l> <'è<`·□Žš—ñ>

<□Ä□□,³,ê,éfTfEf"fh>

Žw'è,É,μ

SystemDefault, ^ê"Ê,ìEx□□%¹

0x0000 MB\_OK

SystemDefault, ^ê"Ê,ìEx□□%¹

0x0010 MB\_ICONSTOP ,Ü,½,Í

□□I

MB\_ICONHAND

fVfXfef€ fGf%□□I

0x0020 MB\_ICONQUESTION

â,ϕ□‡,í,¹

0x0030 MB\_ICONEXCLAMATION

0x0040 MB\_ICONASTERISK ,Ü,½,Í

MB\_ICONINFORMATION

□í•ñ

-ß,è'l

, ,è,Ü,¹,ñ□B

—á

MESSAGEBEEP 0x0030

MESSAGEBEEP MB\_ICONEXCLAMATION

ŽQ□I

MESSAGEBOX, MSGBOX

SNDPLAYSOUND

SystemHand, fVfXfef€ fGf

SystemHand,

SystemQuestion, -

SystemExclamation, Ex□□

SystemAsterisk, □í•ñ

SystemAsterisk,



%o<sup>1</sup>.lfefXfg

SystemDefault, ^ê"Ê, ìœx□□%o<sup>1</sup>



%o<sup>1</sup>.lfefXfg

SystemHand, fVfXfef€ fGf%o□[



%oo<sup>1</sup>.lfefXfg

SystemQuestion, -â,ç□#,í,<sup>1</sup>





%o<sup>1</sup>.lfefXfg

SystemExclamation, CEx□□



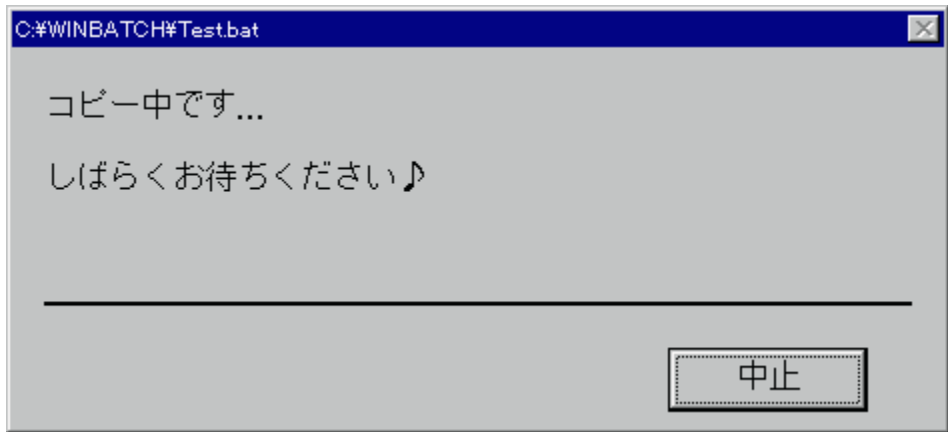
%o<sup>1</sup>.lfefXfg

SystemAsterisk, □î•ñ

NONSTOPMESSAGE[=ftf%ofO] [/Y] [/U] [/UL] [/K] [/T[:]"f^fCfjf<"]  
[/M[:]"f{f^f"•Źš—ñ"}] [/WP[:][fEfCf"fhfE%oi^Ê'u],[c^Ê'u]] [/WS[:]  
[fEfBf"fhfE,ì•],[,^,³]] [/F[:]"ftfHf"fg-¼"] [/FS[:]ftfHf"fg,ì[,^,³],•]  
[•Źš—ñ]

NONSTOPMSG[=ftf%ofO] [/Y] [/U] [/UL] [/K] [/T[:]"f^fCfjf<"]  
[/M[:]"f{f^f"•Źš—ñ"}] [/WP[:][fEfCf"fhfE%oi^Ê'u],[c^Ê'u]] [/WS[:]  
[fEfBf"fhfE,ì•],[,^,³]] [/F[:]"ftfHf"fg-¼"] [/FS[:]ftfHf"fg,ì[,^,³],•]  
[•Źš—ñ]

fobf` ,ì^—,đ'±,~,½,Ü,Üf[]fbfZ[]fW,đ•Ź!,μ,Ü,·BMESSAGEBOX,ÆŽ—,Ä,ç  
,Ü,·,ª[]Af[]fbfZ[]fW,ì•Ź!CEã,·,® ,Éfobf` ,É•œ<A,μ[]A^—,đ'±,~,é"\_,ª^á,ç  
,Ü,·B•Ź!,³,ê,éfEfBf"fhfE,ÍŽŸ,ì,æ,α,É,Ê,è,Ü,·B



ftf%ofO,ìŽw'è,É,æ,Á,Ä^È%º,ì,æ,α,É"®[]ì,đ[]s,É,ç  
,Ü,·B[]"l,ì,·,×,Ä16[]i[]",Á,·B('è<`•Źš—ñ,đŽg—p,·,é[]ê[]‡,íâ•Źš,ÄŽw'è,μ,Ä,-  
,¾,³,ç)[]B

•Ź!•Źš—ñ,ìŽw'è:

<[]" 'l> <'è<`•Źš—ñ>

Žw'è,È,μ

ñ,đ,»,ì,Ü,Ü•Ź!

0x4000 MB\_FORMAT

n,É,ç,ìfGfXfP[]fV,đ"K—p,·,é

<•Ź!•Źš—ñ,ìŽw'è>

•Źš—

•Źš—ñ,É\

MB\_FORMAT,đŽw'è,μ,½[]ê[]‡ PRINTF ,Æ"—,Ź® ,Ä\n,É,ç,ìfGfXfP[]fV,ªŽg—  
p,Ä,«,Ü,·(fGfXfP[]fV,ì,Ÿ,Ä%%d,È,ç,ì^ø[]",ìŽg—p,Ä,«,Ü,¹,ñ)[]B,±,ê,É,æ,è•Źš—  
ñ,ì"r+t,Ä%ºü[]s,È,ç,đ[]s,È,α,±,Æ,ª,Ä,«,Ü,·B  
MESSAGEBOX ,Æ^á,ç[]AfAfCfRf",É,ç,ìŽw'è,Ä,«,Ü,¹,ñ[]B

^È%º,ìfìfvfVfj",ªŽw'è,Ä,«,Ü,·(fìfvfVfj"<y,Ñ•Źš—

ñ,Æf|fvfVf#f",İŠÔ,İfXfy[]fX,ð<ó,¯,Ä,,¾,¾,ç)[]B

/Y fEfBf"fhfE,ð[]í,É'0-Ê,É•\Ž! ,µ,Ü,·[]B  
/U f{f^f",ð•\Ž! ,µ,Ü,¹,ñ[]B  
/UL •\Ž!•¶Žš-ñ,Æf{f^f",İŠÔ,İf%fCf" (□×□ü),ð•\Ž! ,µ,Ü,¹,ñ[]B

/K f{f^f",ð%ÿ,µ,½,Æ,«[]ASTOP,İ"®[]ì,Å,Í,È,-  
[]AfEfBf"fhfE,İ"jŠü,İ,Ý,ð[]s,È,ç,Ü,·[]B

/T:"•¶Žš-ñ" fEfBf"fhfEf^fCf<sub>g</sub>f<,İŽw'è,ð[]s,È,ç  
,Ü,·(ffftfHf<fg,İfofbf`ftf@fCf<-¼)[]B

/M:"•¶Žš-ñ" f{f^f",É•\  
Ž! ,·,é[]fbfZ[]fW,ðŽw'è,µ,Ü,·(ffftfHf<fg,İ[]u'tŽ~[]v)[]B

/WP:%i,[]c fEfBf"fhfE,İ%  
i[]A[]c,İ^Ê'u,ðfXfNfŠ[]f"[]A•W,ÅŽw'è,µ,Ü,·(ffftfHf<fg,İ't%>)[]B

/WS:•[],[],,¾ fEfBf"fhfE,İ%  
i[]A[]c,İftfCfY,ðfXfNfŠ[]f"ftfCfY,ÅŽw'è,µ,Ü,·(ffftfHf<fg472x214)[]B

/F:"FONT-¼" •\Ž!"à-e,İftfHf"fg,ð•İ[]X,·,é[]ê[]#,ÉftfHf"fg-  
¼,ðŽw'è,µ,Ü,·(ffftfHf<fg,İSystemftfHf"fg)[]B

/FS:[] , ,¾ ,•[] ftfHf"fg-¼,ðŽw'è,µ,½[]ê[]#,É•K-  
v,È,ç,İftfHf"fg,İftfCfY,ðŽw'è,µ,Ü,·[]B

/Y,ðŽw'è,·,é,Æ[]AfEfBf"fhfE,ª[]í,É'¼,İfEfBf"fhfE,æ,è'O-Ê,É•\Ž!,¾,ê,é,æ,ª  
,É,È,è,Ü,·[]B

/U,ðŽw'è,·,é,Æ[]Af{f^f",İ•\Ž!,ª[]s,È,í,ê,Ü,¹,ñ[]B

/UL,ðŽw'è,·,é,Æ[]A •\Ž!•¶Žš-ñ,Æf{f^f",İŠÔ,İf%oCf" (□×□ü),İ•\  
Ž!,ª[]s,È,í,ê,Ü,¹,ñ[]B

/K,ðŽw'è,·,é,Æ[]Af{f^f",ð%ÿ,µ,½,Æ,«,É[fXfgfbfv]  
,İ"®[]ì,İ[]s,È,í,·,É[]AfEfBf"fhfE,İ"jŠü,İ,Ý,ð[]s,È,ç,Ü,·[]B

/T,Å,İf^fCf<sub>g</sub>f<,É,İfEfBf"fhfE,İf^fCf<sub>g</sub>f<,ðŽw'è,µ,Ü,·[]B/T:"Window Title" ,İ,æ,ª  
,Éf^fCf<sub>g</sub>f<,ð "" ,Å^Í,Å,ÅŽw'è,µ,Å,,¾,¾,ç[]BŽw'è,ª,È,¯,ê,İfofbf`ftf@fCf<-  
¼,ªf^fCf<sub>g</sub>f<,É,È,è,Ü,·[]B

/M,Å,İf[]fbfZ[]fW,É,İ[]Af{f^f",É•\Ž!,·,é[]fbfZ[]fW,ðŽw'è,µ,Ü,·[]B/M:"Š®—¹"  
,İ,æ,ª,É[]fbfZ[]fW,ð "" ,Å^Í,Å,ÅŽw'è,µ,Å,,¾,¾,ç[]BŽw'è,ª,È,¯,ê,İ[]u'tŽ~[]v,ª•\  
Ž!,¾,ê,Ü,·[]B, ,Ü,è'·,ç[]fbfZ[]fW,ðŽw'è,·,é,Æf{f^f",ÉŽû,Ü,ç,È,-  
,É,è,Ü,·([]Å'â,Å"¼Šp12•¶Žš"ö"x,Å,·)[]B

/WP,É'±,¯,Ä%oi^Ê'u,Æ[]c^Ê'u,ðŽw'è,·,é,Æ[]AfEfBf"fhfE,İ^Ê'u,ð•İ[]X,·,éŽ-  
,ª,Å,«,Ü,·[]B/WP:100,200 ,İ,æ,ª,É[]A/WP,É'±,¯,Ä%oi,Æ[]c,İ^Ê'u,İ[]A•W,ðff"j"(',')  
,Å<æ[]Ø,Å,ÅŽw'è,µ,Å,,¾,¾,ç(ŠÔ,ÉfXfy[]fX""™,İ"ü,ê,È,ç,Å,-  
,¾,¾,ç)[]Bf}fCfifX,İ'l,ðŽw'è,·,é,Æ[]AfEfBf"fhfE,İ%oE  
%oº,ð<N"\_,Æ,µ,½fffXfNfgfbfv,İ%oE%oº,©,ç,İ[]A•WŽw'è,Æ,È,è,Ü,·[]B%o



NONSTOPMESSAGE=MB\_FORMAT /U frfs[ 't,Å,\n, " 'Ò,ç,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç...  
NONSTOPMESSAGE /M:" 'Ò,Â,ì,ÍĈ™ " /WP:100,200 ,μ,Î,ç,, " 'Ò,ç,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç...  
NONSTOPMESSAGE /M:" 'Ò,Â,ì,ÍĈ™ " /WP:-30,-40 /WS:400,150 /F:" ,l,r -<sup>3</sup>/<sub>4</sub>' © "  
/FS:30 'Ò,Á,Ä,ç,é,ñ,<sup>3</sup>/<sub>4</sub>

**ŽQ**

MESSAGEBOX, MSGBOX

DISPLAYTXT

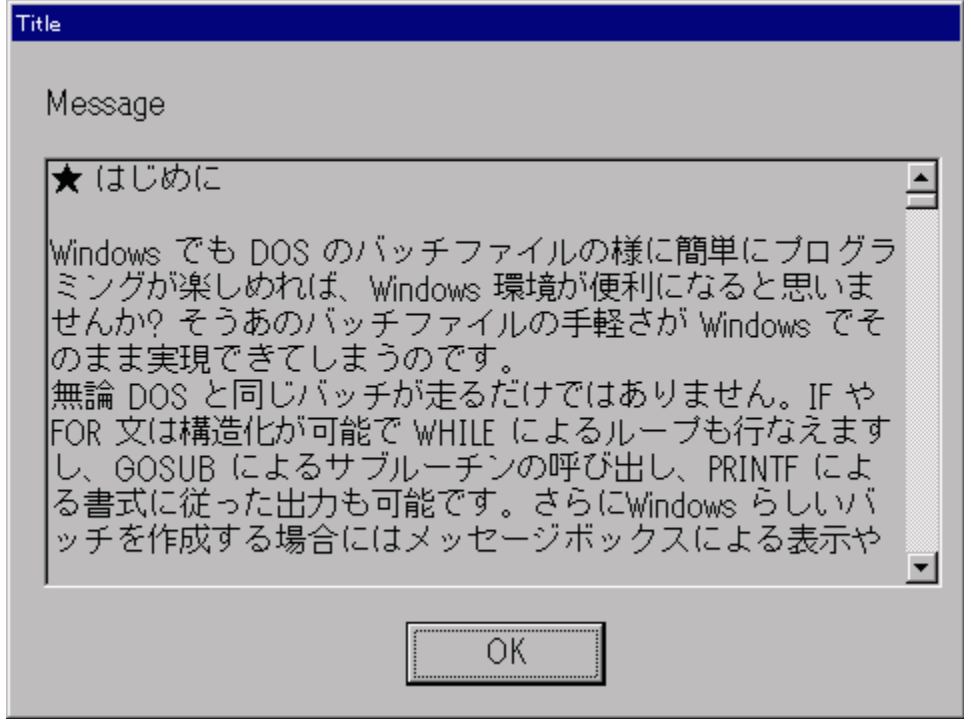
DISPLAYBMP

PRINTF

ON STOP GOTO

**DISPLAYTEXT=ftf%ofo [/Y] [/U] [/N[:îpÀÝ-¼]] [/K] [/T[:]"f^fCfjf<"]  
 [/M[:]"f[]fbfz[]fW"] [/WP[:]][fEfCf"fhfE%oi^Ê'u],[[]c^Ê'u]] [/WS[:]  
 [fEfBf"fhfE,ì•[]],[[],,³]] [/O[:]f^fCfEfAfEfg•b] [/F[:]"ftfHf"fg-¼"]  
 [/FS[:]ftfHf"fg,ì,³[,•[]]] [/E] [-] TXTftf@fCf<-¼**

fefLjXfgftf@fCf<(TXT),ì•\Ž|,ð[]s,È,Á,Ä[]A%ož"š,ð'Ò,¿,Ü,·[]BŽÿ,ì,æ,α  
 ,ÈfEfBf"fhfE,Á,·[]B



ftf%ofo,ìžw'è,È,æ,Á,Äf{f^f"•\Ž|,ìžw'è,ð[]s,È,αŽ-  
 ,ā,Á,«,Ü,·[]B""|,ì,·,×,Ä16[]i[]",Á,·[]B('è<`•¶Žš-ñ,ðŽg-  
 p,·,é[]ê[]†,í'ā•¶Žš,Ážw'è,μ,Á,,¾,¾,¢)[]B

**f{f^f"•\Ž|,ìžw'è:**

<[]" 'l> <'è<`•¶Žš-ñ>  
 Žw'è,È,μ  
 0x0000 MB\_OK  
 0x0001 MB\_OKCANCEL  
 0x0002 MB\_ABORTRETRYIGNORE  
 0x0003 MB\_YESNOCANCEL  
 [·-Ý¾Ù]  
 0x0004 MB\_YESNO  
 0x0005 MB\_RETRYCANCEL

<•\Ž|,³,è,éf{f^f">  
 [OK]  
 [OK]  
 [OK] [·-Ý¾Ù]  
 ['†Ž~] [[]ÄŽŽ[]s] [-³Ž<]  
 [,Í,¢] [,¢,¢,;]  
 [,Í,¢] [,¢,¢,;]  
 [[]ÄŽŽ[]s] [·-Ý¾Ù]

**ffftfHf<fgf{f^f",ìžw'è:**

<[]" 'l> <'è<`•¶Žš-ñ>

```

<ffftfHf<fg,İf{f^f">
Žw'è,É,µ
1,Â,ß,İf{f^f",@ffftfHf<fg
0x0000 MB_DEFBUTTON1
1,Â,ß,İf{f^f",@ffftfHf<fg
0x0100 MB_DEFBUTTON2
2,Â,ß,İf{f^f",ðffftfHf<fg
0x0200 MB_DEFBUTTON3
3,Â,ß,İf{f^f",ðffftfHf<fg

```

```

f{f^f"·\
Ž!,İŽw'è,ÆffftfHf<fgf{f^f",İŽw'è,ð'g,Ý☐#,í,¹,é☐é☐#,í☐A☐"'l,ð☐#Æv,µ,½'l,ð
0x0203 ,l,æ,æ,É'¼☐ÚŽw'è,·,é,©☐AMB_YESNOCANCEL+MB_DEFBUTTON3
,l,æ,æ,ÉŽ®,ðŽw'è,µ,Ä,,¾,¾,ç(ŠÔ,ÉfXfy☐[fX"™,í"ü,ê,È,ç,Å,,¾,¾,ç)☐B

```

```

f{f^f",l%ž"š,É,æ,è^È
%°°,İERRORLEVEL,ð·Ô,µ,Ü,·☐BERRORLEVEL,ì"äŠr,í☐"'l,¾,¯,Ä,í,È,☐A'è<`·ŲŽš—
ñ,Æ"äŠr,·,éŽ-,à%Å"\,Å,·☐B

```

<☐"'l>	<f{f^f">	<'è<`·ŲŽš—ñ>
1	[OK]	IDOK
2	[·-Ý¾Ù]	IDCANCEL
3	[ '†Ž~]	IDABORT
4	[☐ÄŽ☐s]	IDRETRY
5	[-¾Ž<]	IDIGNORE
6	[,Í,ç]	IDYES
7	[,ç,ç, ]	IDNO

```

,Ü,½☐A^È%°°,İfİvfVf#f",@Žw'è,Å,«,Ü,·(fİvfVf#f"<y,Ų·ŲŽš—
ñ,ÆfİvfVf#f",İŠÔ,İfXfy☐[fX,ð<ó,¯,Ä,,¾,¾,ç)☐B

```

```

/Y fEfBf"fhfE,ð☐í,É'0-Ê,É·\Ž!,µ,Ü,·☐B
/U ·\Ž!Æäfofbf`,É·æ<A,µ,Ü,·☐Bf{f^f",ð·\
Ž!,µ,Ü,¹,ñ☐B
/N[:ÎPÄÝ-¼] ·\
Ž!Æäfofbf`,É·æ<A,µ,Ü,·☐Bf{f^f",İffftfHf<fg,Å,Í[ '†Ž~]f{f^f",@·\
Ž!,¾,ê,Ü,·☐B
/K /NŽw'èŽž,É☐Af{f^f",ð
%ÿ,µ,½,Æ,«☐ASTOP,ì"®☐ì,Å,Í,È,☐AfEfBf"fhfE,İ"jŠü,İ,Ý,ð☐s,È,ç
,Ü,·☐B
/T:"·ŲŽš—ñ" fEfBf"fhfEf^fCf#gf<,İŽw'è,ð☐s,È,ç,Ü,·(ffftfHf<fg,Í
"Display Text")☐B
/M:"·ŲŽš—ñ" f☐fbfZ☐[fW-",É·\
Ž!,·,·,éf☐fbfZ☐[fW,ðŽw'è,µ,Ü,·(ffftfHf<fg,Í·\Ž!,È,µ)☐B

```



/WP:‰i, □c fEfBf“fhfE, Ì‰  
i □A□c, Ì^Ê'u, ðfXfNfŠ□[f“□À•W, ÅŽw'è, μ, Ü, · (ffftfHf<fg, Í't‰>) □B  
/WS:•□, □, ,<sup>3</sup> fEfBf“fhfE, Ì‰  
i □A□c, ÌfTfCfY, ðfXfNfŠ□[f“fTfCfY, ÅŽw'è, μ, Ü, · (ffftfHf<fg560x420) □B  
/O:□''l f^fCf€fAfEfG•b, ðŽw'è, μ, Ü, · □B  
/F:"FONT-¼" •\Ž! “à-e, ÌftfHf“fg, ð•İ□X, ·, é□é□‡, ÉftfHf“fg-  
¼, ðŽw'è, μ, Ü, · (ffftfHf<fg, ÌSystemftfHf“fg) □B  
/FS:□, ,<sup>3</sup>, •□ ftfHf“fg-¼, ðŽw'è, μ, ½□é□‡, É•K-  
v, È, ç, ÌftfHf“fg, ÌfTfCfY, ðŽw'è, μ, Ü, · □B  
/E f{f^f“, Ìf□fbfZ□[fW, ð‰pCé, É, μ, Ü, · □B  
- ftf@fCf<, Å, Í, È, ^È□~, Ì•ŦŽš-ñ, ð•\  
Ž!, μ, Ü, · □B

/Y, ðŽw'è, ·, é, Æ□AfEfBf“fhfE, a□í, É'¼, ÌfEfBf“fhfE, æ, è'O-Ê, É•\Ž!,<sup>3</sup>, ê, é, æ, x  
É, È, è, Ü, · □B

/U, Ü, ½, Í/N, ðŽw'è, ·, é, Æ□AfEfBf“fhfE, ð•\Ž!CÉã, ·, ®, Éfofbf` ,É•œ<A, μ, Ü, · □B  
/U ,Íf{f^f“, Ì•\Ž!, a□s, É, í, ê, Ü,<sup>1</sup>, ñ□B  
/N ,Íf{f^f“, ð•\Ž!, μ, Ü, · □B{f^f“, ð‰‰Ÿ, ·, Æ□A[fXfgfbfv], ð  
‰‰Ÿ, μ, ½, Æ, «, Æ“~, Ŧ“®□ì, a□s, É, í, ê, Ü, · (“ON STOP GOTO” , aŽw'è,<sup>3</sup>, ê, Ä-  
<sup>3</sup>, ·, é, Ìfofbf` ftf@fCf<, a□l-<sup>1</sup>, μ, Ü, ·) □B/K, àŽw'è, μ, Ä, ç, é□é□‡, í□A[fXfgfbfv]  
ì“®□ì, í□s, É, í, ·, É□AfEfBf“fhfE, Ì”jŠü, Ì, Ý, ð□s, É, ç, Ü, · □B/N  
Å, Ìf{f^f“, ÌffftfHf<fg, Å, Ì[‘tŽ~], a•\Ž!,<sup>3</sup>, ê, Ü, ·, a□A“/N:f{f^f“-¼” , Æ, ·, éŽ-  
É, æ, èf{f^f“, Ì•ŦŽš-ñ, ð•İ□X, ·, é, ±, Æ, a, Å, «, Ü, ·, ( , Ü, è', ç•ŦŽš-  
ñ, ðŽw'è, ·, é, Æf{f^f“, ÉŽù, Ü, ç, È, , È, è, Ü, ·) □B  
□Ä“xDISPLAYTXT, ðCÉÄ, Ñ□o, ·, Æ^È'O•\Ž!,<sup>3</sup>, ê, Ä, ç  
½fEfBf“fhfE, í□Á<Ž,<sup>3</sup>, ê, Ü, · (ftf@fCf<-¼, ðŽw'è, μ, È, ·, é, Ì□Á<Ž, Ì, Ý, a□s, È, í, ê, Ü, ·) □B

/T, Å, Ìf^fCfGf<, É, ÌfEfBf“fhfE, Ìf^fCfGf<, ðŽw'è, μ, Ü, · □B/T:"Window Title" , Ì, æ, x  
Éf^fCfGf<, ð "" , Å^Í, Å, ÅŽw'è, μ, Ä, ,<sup>3/4</sup>,<sup>3</sup>, ç□BŽw'è, a, È, ·, é, Ì "Display Text"  
a^f^fCfGf<, É, È, è, Ü, · □B

/M, Å, Ìf□fbfZ□[fW, É, í□A□fbfZ□[fW, ðŽw'è, μ, Ü, · □B/M:"Message String" , Ì, æ, x  
Éf□fbfZ□[fW, ð "" , Å^Í, Å, ÅŽw'è, μ, Ä, ,<sup>3/4</sup>,<sup>3</sup>, ç□BŽw'è, a, È, ·, é, Ì‰½, à•\Ž!,<sup>3</sup>, ê, Ü,<sup>1</sup>, ñ□B

/WP, É'±, ·, Ä‰‰i^Ê'u, Æ□c^Ê'u, ðŽw'è, ·, é, Æ□AfEfBf“fhfE, Ì^Ê'u, ð•İ□X, ·, éŽ-  
a, Å, «, Ü, · □B/WP:100,200 , Ì, æ, x, É□A/WP, É'±, ·, Ä‰‰i, Æ□c, Ì^Ê'u, Ì□À•W, ðfjf“f}(';')  
Å<æ□Ø, Å, ÅŽw'è, μ, Ä, ,<sup>3/4</sup>,<sup>3</sup>, ç (ŠŌ, ÉfXfy□[fX“™ , Ì“ü, ê, È, ç, Å, -  
<sup>3/4</sup>,<sup>3</sup>, ç) □Bf}fCfifX, Ì'l, ðŽw'è, ·, é, Æ□AfEfBf“fhfE, Ì‰‰E  
‰‰‰, ð<N“ , Æ, μ, ½ffXfNfgfbfv, Ì‰‰E‰‰‰, ©, ç, Ì□À•WŽw'è, Æ, È, è, Ü, · □B‰‰  
i, Ü, ½, í□c, Ì, Ç, ç, ç, ©^ê•ù,<sup>3/4</sup>, ·, ðŽw'è, ·, é, Æ□A-  
¼•ù“~, Ŧ'l, Æ, μ, ÄCvŽŽ,<sup>3</sup>, ê, Ü, · □BŽw'è, a, È, ·, é, ÌffXfNfgfbfv, Ì't‰‰>, É•\Ž!,<sup>3</sup>, ê, Ü, · □B

/WS, É'±, ·, Ä•□, Æ□, ,<sup>3</sup>, ðŽw'è, ·, é, Æ□AfEfBf“fhfE, ÌfTfCfY, ð•İ□X, ·, éŽ-  
a, Å, «, Ü, · □B/WS:640,400 , Ì, æ, x, É□A/WS, É'±, ·, Ä•□, Æ□, ,<sup>3</sup>, Ìfhfbfg□” , ðfjf“f}(';')  
Å<æ□Ø, Å, ÅŽw'è, μ, Ä, ,<sup>3/4</sup>,<sup>3</sup>, ç (ŠŌ, ÉfXfy□[fX“™ , Ì“ü, ê, È, ç, Å, -

,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ)□B•□,Ü,½,Í□,,<sup>3</sup>,ì,Ç,ì,ç,©,ð□É—  
ª,·,é,Æ□A4'Í3,ÌŠ,,□‡,Å□AZw'è,μ,È,©,Á,½•û,ÌftfCfY,ÍŽ©“®“l,ÉCEvŽŽ,<sup>3</sup>,é,Ü,·□BŽ  
w'è,<sup>a</sup>,È,·,é,Í%o;560□A□c420(ŠÁ<<,É,æ,Á,Ä,Íf^fCfjg<fo□l,ì□,,<sup>3</sup>,ª^á,α,½,βŽáŠ±  
,lCEë□·,<sup>a</sup>,·,è,Ü,·),ÌftfCfY,É,È,è,Ü,·□B

/O(%opŽš,ìO),ðŽw'è,·,é,Æ□AZw'è,ì•b□”,ªCEo  
%oβ,μ,Ä,à'íð,ª□s,È,í,ê,È,©,Á,½□ê□‡Ž©“®“l,ÉfEfBf“fhfE,<sup>a</sup>•Á,¶,é,æ,α  
,É,È,è,Ü,·□B,±,ì,Æ,«-β,è'l(ERRORLEVEL),íO,É,È,è,Ü,·□B/O:20 ,ì,æ,α,É□A/O ,É'±  
,·,Äf^fCfEfAfEfgŽžŠÔ,ð•b□”,ÅŽw'è,μ,Ä,-  
,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ□Bf^fCfEfAfEfgŽžŠÔ,í1□`60•b,Ü,ÅŽw'è,Å,«,Ü,·□B

/F,ðŽw'è,·,é,Æftf@fCf<“à—e•\Žl,ÌftfHf“fg,ð•ì□X,·,é,±,Æ,<sup>a</sup>,Ä,«,Ü,·□B/F:“,l,r ,o-  
¾/4'©” ,ì,æ,α,É□A/F ,É'±,·,ÄftfHf“fg-¼,ð ”” ,Å^í,Á,ÅŽw'è,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ□BCE...  
,ª,» ,ë,Á,½fefLfXfg,ð•\Žl,<sup>3</sup>,¹,é□ê□‡,í ”,l,r fSfVfbfN” ,â ”FixedSys”  
,É,Ç,ìCEÁ'è•□ftfHf“fg,ðŽg,α,Æ,« ,ê,ϕ,É•\  
Žl,Å,«,Ü,·□BŽw'è,<sup>a</sup>,È,·,é,ÍfVfXfefÉftfHf“fg,<sup>a</sup>Žg—p,<sup>3</sup>,é,Ü,·□B  
,<sup>3</sup>,ç,É□A/FS,ðŽw'è,·,é,Æ□AftfHf“fg,ì□,,<sup>3</sup>,Æ•□,ðŽw'è,Å,«,Ü,·□B/FS:18,10 ,ì,æ,α  
,É□A/FS,É'±,·,Ä□,,<sup>3</sup>,Æ•□,ðjff“f”(,') ,Å<æ□Ø,Á,ÅŽw'è,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ  
(ŠÔ,ÉfXfy□lfX™ ,í“ü,ê,È,ϕ,Á,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ)□B□,,<sup>3</sup>,ì,Ý,ðŽw'è,μ,Ä•□,ð□É—  
ª,·,é,Æ□A•□,ÍŽ©“®“l,ÉCEvŽŽ,<sup>3</sup>,é,Ü,·□BŽw'è,<sup>a</sup>,È,·,é,ÍfVfXfefÉ  
,ÌffftfHf<fg,ì'â,«,<sup>3</sup>,É,È,è,Ü,·□B

/E,ðŽw'è,·,é,Æ□Af{f^f“,Ìf□fbfZ□lfW,ª%oPCEè,É,È,è,Ü,·□BŽw'è,<sup>a</sup>,È,·,é,Í“ú-  
{CEè,Å•\Žl,<sup>3</sup>,é,Ü,·□B

ftf@fCf<-¼,ì'ä,í,è,É□A□æ“ª,É -(f}fCfifX),ðŽw'è,·,é,Æ□A^È□~ ,ì•¶Žš—  
ñ,ð,»,ì,Ü,Ü•\Žl,μ,Ü,·□B,±,ì,Æ,«□Aftf%ofO,É MB\_FORMAT ,ðŽw'è,μ,Ä,ϕ,ê,Í□An  
,lŽw'è,Å•\Žl“à—e,ð%oü□s,·,é,±,Æ,<sup>a</sup>,Ä,«,Ü,·□B

^μ,ì,éfefLfXfgftf@fCf<,ì□Á'â32KB,ÌftfCfY,Á,·□B,±  
,è,ð',ì,é'á,«,<sup>3</sup>,ì□ê□‡□A',ì,½•”ª,ì•\Žl,<sup>3</sup>,é,Ü,<sup>1</sup>,ñ□Bftf@fCf<“à,É  
%oü□sfR□lfh(CR,ÆLF),ªSÜ,Ü,ê,é□ê□‡,ì□A,»,±,Å%oæ-É,ì•\Žl“à—e,à  
%oü□s,<sup>a</sup>□s,È,í,è,Ü,·□B

fofbf` ,ª□l—¹,·,é,ÆfEfBf“fhfE,ÍŽ©“®“l,É□Á<Ž,<sup>3</sup>,é,Ü,·□B

□l^È'O,Ìfo□lfWf‡f“,Å,ÌftfCfY,ÌŽw'è,ð/X(•□),Æ/Y(□,,<sup>3</sup>),ÅŽw'è,·,é,æ,α,É,È,Á,Ä,ϕ  
,Ü,μ,½,ª/WS,É•í□X,É,È,è,Ü,μ,½('A,μ□A,±,Ìfo□lfWf‡f“,Å,í /X, /Y,Å,ÌŽw'è,à—  
LCEø,Å,·)□B

-β,è'l

0	(/OŽw'èžž) f^fCfEfAfEfgŽžŠÔ,ªCEo	
»β,μ,½	0	(/U, /N Žw'èžž)□³□í□I-¹
1 □`	7	(/U, /N ”ñŽw'èžž) fŠf^□lf“'l
250	Žw'è,Ìftf@fCf<,ªCE,Á,©,ç,È,ϕ	
252	f□f, fŠ□l,ª•s'«	

—á

DISPLAYTXT README.TXT

DISPLAYTXT /T:'^Ó',« /M:^È%º,ìŽ-,É'^Ó,μ,Ä,,¾,³,¢ NOTE.TXT

DISPLAYTXT=MB\_YESNO+MB\_DEFBUTTON2 /T:"Title" /M:"Message" /WS:640  
FILE.TXTDISPLAYTXT=MB\_OKCANCEL /T:"Title" /M:"Message" /WS:640,400 /O:10 /E  
FILE.TXT

DISPLAYTXT /WP:10,20 /F:",l,r ,o-¾'©" /FS:18,10 FNAME.TXT

DISPLAYTXT=MB\_RETRYCANCEL+MB\_FORMAT /WP:-20 - fGf

%o[],ª&lt;N,«,Ü,μ,½[]B\n,Ç,æ,μ,Ü,·,©?

ŽQ[]

MESSAGEBOX, MSGBOXNONSTOPMESSAGE, NONSTOPMSGDISPLAYBMPON STOP GOTO

**DISPLAYBMP [/Y] [/B] [/WP[:][fEfCf“fhfE%oi^Ê'u],[c^Ê'u]]  
BMPftf@fCf<-¼**

f r f b f g f } f b f v f t f @ f C f < ( B M P ) , ì • \ Ž ! , ð □ s , È , ç , Ü , · □ B f r f b f g f } f b f v , ì • \  
Ž ! Ç ã , · , ® , É f o f b f ` , É • œ < A , μ □ A □ ^ — □ , ð ' ± , · , Ü , · □ B  
Ž å , É f o f b f ` f t f @ f C f < , ì f i □ [ f v f j f “ f O , È , Ç , ð f r f b f g f } f b f v , Å □ ì , Á , ½ □ ê □ ‡ , É • Ž ! , · , é , ± , Æ , ð -  
Ú “ l , Æ , μ , Á , ç , Ü , · ( % œ ' œ , ì Š i □ Ü — p , Å , í , · , è , Ü , ¹ , ñ : - ) □ B

^ È % o o , ì f i f v f v f t f “ , ð Ž w ' è , Å , « , Ü , · ( f i f v f v f t f “ < y , Ñ • ¶ Ž š —  
ñ , Æ f i f v f v f t f “ , ì Š Ó , ì f X f y □ [ f X , ð < ó , · , Ä , , ¾ , ¾ , ç ) □ B

/Y f E f B f “ f h f E , ð □ í , É ' 0 — Ê , É • \ Ž ! , μ , Ü , · □ B  
/B f E f B f “ f h f E , Ì ~ g ( B o r d e r ) , ð • \ Ž ! , μ , Ü , · □ B  
/WP : % i , □ c f E f B f “ f h f E , Ì %  
i □ A □ c , Ì ^ Ê ' u , ð f X f N f S □ [ f “ □ Å • W , Å Ž w ' è , μ , Ü , · ( f f f t f H f < f g , Í ' t % > ) □ B

/Y , ð Ž w ' è , · , é , Æ □ A f E f B f “ f h f E , ð □ í , É ' ¼ , ì f E f B f “ f h f E , æ , è ' O — Ê , É • Ž ! , ¾ , é , é , æ , x  
, È , È , è , Ü , · □ B

/B , ð Ž w ' è , · , é , Æ □ A f r f b f g f } f b f v • \ Ž ! , Ì ~ g , ð • \ Ž ! , μ , Ü , · □ B

/WP , É ' ± , · , Ä % o i ^ Ê ' u , Æ □ c ^ Ê ' u , ð Ž w ' è , · , é , Æ □ A f E f B f “ f h f E , Ì ^ Ê ' u , ð • Ì □ X , · , é Ž -  
, ð , Å , « , Ü , · □ B / WP : 100 , 200 , ì , æ , x , É □ A / WP , É ' ± , · , Ä % o i , Æ □ c , Ì ^ Ê ' u , Ì □ Å • W , ð f j f “ f } ( ' , )  
, Å < æ □ Ø , Å , Å Ž w ' è , μ , Ä , , ¾ , ¾ , ç ( Š Ó , É f X f y □ [ f X “ ™ , Í “ ü , è , È , ç , Å , -  
, ¾ , ¾ , ç ) □ B f } f C f i f X , ì l , ð Ž w ' è , · , é , Æ □ A f E f B f “ f h f E , Ì % o E  
% o o , ð < N “ , Æ , μ , ½ f f X f N f g f b f v , Ì % o E % o o , © , ç , Ì □ Å • W Ž w ' è , Æ , È , è , Ü , · □ B % o  
i , Ü , ½ , Ì □ c , Ì , Ç , ì , ç , © ^ ê • ù , ¾ , · , ð Ž w ' è , · , é , Æ □ A —  
¼ • ù “ , ¶ l , Æ , μ , Ä Ç v Ž Ž , ¾ , é , Ü , · □ B Ž w ' è , ð , È , · , é , ì f f X f N f g f b f v , Ì ' t % > , É • \ Ž ! , ¾ , é , Ü , · □ B

**BMPftf@fCf<-¼** , ð Ž w ' è , ¾ , é , È , · , é , Ì □ A ^ Ê ' O • \ Ž ! , ¾ , é , Ä , ç , ½ f E f B f “ f h f E , ð , · , é , Ì □ A < Ž , ¾ , é  
, Ü , · ( ^ Ê ' O • \ Ž ! , ¾ , é , Ä , ç , ½ f E f B f “ f h f E , ð , È , · , é , Ì - ¾ “ ® □ ì , Å , · ) □ B **BMPftf@fCf<-**  
**¼** , ð Ž w ' è , ¾ , é , Ä □ A ^ Ê ' O • \ Ž ! , ¾ , é , Ä , ç  
, ½ f E f B f “ f h f E , ð ¶ Y , · , é ê ê ‡ , Ì □ A ^ Ê ' U ^ Ê ' O , ì f E f B f “ f h f E , ð □ A < Ž , ¾ , é , ½ Ç ã □ A □ V , ½ , È f E f  
B f “ f h f E , ð □ Ì - , ¾ , é , Ü , · □ B  
, È , · □ A • Ê , Ì WinBatchEh , ð < N “ ® , μ , Ä □ A f E f B f “ f h f E , ð • \ Ž ! , μ , ½ □ ê □ ‡ , Ì □ A , » , è , ¼ , è , Ì  
WinBatchEh , Å f E f B f “ f h f E , ð □ Ì - , ¾ , é , é , ½ , ß □ A f E f B f “ f h f E , ð • i □ “ • \ Ž ! , ¾ , é , Ü , · □ B

f r f b f g f } f b f v , Ì Ç ³ □ X □ Ì □ - , ¾ , é , ½ ' å , « , ¾ , Å □ A ( / WP , ð Ž w ' è , μ , È , · , é , Ì ) % o œ — Ê , Ì ' t % > , É • \  
Ž ! , ¾ , é , Ü , · □ B  
BMPftf@fCf< , Ì Ç ` Ž ® , É , æ , Á , Ä , Ì μ , Ì , È , ç , ± , Æ , ð , · , è , Ü , · □ B , Ü , ½ □ A Ç , □ F □ ^ —  
□ , È , Ç , Ì □ s , È , Á , Ä , ç , Ü , ¹ , ñ , Ì , Å □ A % o œ — Ê • Ž ! □ F , æ , è , à □ F □ “ , ð ½ , ç f t f @ f C f < , Ì □ A , « , è , ç  
, É • \ Ž ! , ¾ , é , Ü , ¹ , ñ □ B

f o f b f ` , ð □ Ì - , · , é , Æ f E f B f “ f h f E , Ì Ž © “ ® “ l , É □ A < Ž , ¾ , é , Ü , · □ B

**-ß,è'l**

0

1

ftf@fCf<, Ì“Ç, Ýž, ÝfGf%[]

íI-1

ftf@fCf<, ðŒ©, Â, ©, ç, È, ç,

**—á**

DISPLAYBMP C:\WINDOWS\WINLOGO.BMP

DISPLAYBMP /Y /B /WP:-50,-60 "C:\My Document\mybitmap.bmp"

**ŽQ[]**

NONSTOPMESSAGE, NONSTOPMSG

DISPLAYTXT

## SNDPLAYSOUND[=ftf%ofO] [fTfEf“fhftf@fCf<-¼,Ü,½,ÍfGf“fgfŠ-¼]

Žw'è,³,ê,½WAVftf@fCf<,Ü,½,ÍfTfEf“fh□Ý'è,ÁŽw'è,³,ê,½ftf@fCf<,ì□Ä□¶,ð□s,È,ç,Ü,·□BŽw'è,³,ê,½ftf@fCf<,Ü,½,ÍfGf“fgfŠ©,Â,©,ç,È,ç□ê□‡,í  
SystemDefault(^è”È,ìCEx□□%¹),ª□Ä□¶,³,ê,Ü,·□B

'È□í□f□fWfXfgfŠff□[f^(Windows 3.1,Á,ÍWIN.INI,ì[sounds]fZfNfVf‡f“)  
,É,ÍŽŸ,ÍfGf“fgfŠ,ª“ü,Á,Ä,ç,Ü,·□B

SystemStart Windows,ì<N“®  
SystemExit Windows,ì□|—¹  
SystemHand fVfXfef€ fGf%□□[  
SystemExclamation f□fbfZ□[fW(CEx□□)  
SystemAsterisk f□fbfZ□[fW(□í•ñ)  
SystemQuestion f□fbfZ□[fW(-â,ç□‡,í,¹)  
SystemDefault ^è”È,ìCEx□□%¹

ftf@fCf<-¼,ÉfpfX,ðŠÜ,ß,È,ç□ê□‡,Íff□f“fg, WINDOWS, Windows ,ì SYSTEM,  
WinBatchEh <N“®Žž,É□Ý'è,³,ê,Ä,ç,½ŠÁ<<•í□” PATH ,ìffBf□fNfgfŠ(WinBatchEh  
“à,Á□Ý'è,µ,½ PATH ,ÍŽQ□Æ,µ,Ü,¹,ñ),ðCÉŸ□ð,É□s,«,Ü,·□B

ftf%ofO,í“®□ì“à—e,ðŽw'è,µ,Ü,·□B•K—v,É, ,í,¹,Ä^È%□□,ì□”’l,ð□Ý'è,µ,Ä,-  
,¾,³,ç□B('è<•¶Žš—ñ,ðŽg—p,·,é□ê□‡,í'â•¶Žš,ÁŽw'è,µ,Ä,,¾,³,ç)□B

<□”’l> <'è<`•¶Žš—ñ> <“®□ì“à—e>  
Žw'è,È,µ  
fTfEf“fh,ª□I—¹,·,é,Ì,ð'Ò,Â  
0x0000 SND\_SYNC fTfEf“fh,ª□I—  
¹,·,é,Ì,ð'Ò,Â  
0x0001 SND\_ASYNC fTfEf“fh,ª□I—  
¹,·,é,Ì,ð'Ò,½,È,ç  
0x0002 SND\_NODEFAULT  
ftf@fCf<,ª,È,~,é,ÍffftfHf<fg,Ì%¹,ð□o,³,È,ç  
0x0008 SND\_LOOP ftf@fCf<—  
¼,È,µ,Á,±,ÍfRf}f“fh,ð□Ä“xCÄ,Ñ□o,·,Ü,Á□Ä□¶,ðCJ,è•Ô,·  
0x0010 SND\_NOSTOP  
fTfEf“fh,ª,·,Á,É□Ä□¶'t,È,çŽw'è,³,ê,½fTfEf“fh,ì□Ä□¶,í□s,È,í,È,ç

•i□”,ì“®□ì,ð, ,í,¹,ÄŽw'è,·,é,±,Æ,à%□□\,Á,·□B,È,“□ASND\_LOOP,ðŽg—p,·,é,Æ,«,í  
SND\_ASYNC ,àŽw'è,µ,Ä,,¾,³,ç□B

-ß,è'l  
, ,è,Ü,¹,ñ□B

—á

SNDPLAYSOUND SystemStart  
SNDPLAYSOUND TADA.WAV  
SNDPLAYSOUND=SND\_LOOP+SND\_ASYNC CHIMES.WAV  
SNDPLAYSOUND=SND\_NODEFAULT (SND\_LOOP,Å,ÏÄ¶,öŽ~,ß,é)

**ŽQ¶**

MESSAGEBEEP, MSGBEEP

**INPUTSTRING[=ftf%ofo] [/WP[:][fEfCf“fhfE%oi^Ê'u],[c^Ê'u]]  
ŠÂ««•İ”-¼ [•\Ž!f[]fbfZ[]fW [f^fCfjf<]]**

f\_fCfAf[]fOf{fbfNfX,đ•\Ž!,μ,Ä•¶Žš—ñ“ü—Í,đ[]s,È,ç,Ü,·[]BŽŸ,ì,æ,π,  
,ÉĈ`Ž®,ìfEfBf“fhfE,Å,·[]B



/WP,É'±,·,Ä%oi^Ê'u,Æ[]c^Ê'u,đŽw'è,·,é,Æ[]AfEfBf“fhfE,ì^Ê'u,đ•İ[]X,·,éŽ-  
,ā,Å,«,Ü,·[]B/WP:100,200,ì,æ,π,É[]A/WP,É'±,·,Ä%oi,Æ[]c,ì^Ê'u,ì[]Å•W,đff“f}(',')  
,Å<æ[]Ø,Å,ÅŽw'è,μ,Ä,,¼,¾,ç(ŠŌ,ÉfXfy[]fX“™,í“ü,ê,È,ç,Å,-  
,¼,¾,ç)[]Bf}fCfifX,ì'l,đŽw'è,·,é,Æ[]AfEfBf“fhfE,ì%oE  
%oo,đ<N“\_,Æ,μ,½ffXfNfgfbfv,ì%oE%oo,©,ç,ì[]Å•WŽw'è,Æ,È,è,Ü,·[]B%o  
i,Ü,½,ì[]c,ì,ç,ç,©^ê•ù,¼,·,đŽw'è,·,é,Æ[]A—  
¼•ù“·,¶l,Æ,μ,ÄĈvŽŽ,¾,ê,Ü,·[]BŽw'è,ā,È,·,ê,ìffXfNfgfbfv,ì'+%oo>,É•\Ž!,¾,ê,Ü,·[]B

ŠÂ««•İ”-¼,É,í“ü—Í,μ,½•¶Žš—ñ,đ“ü,·,éŠÂ««•İ”-¼,đŽw'è,μ,Ü,·[]B,±  
,ìŠÂ««•İ”-¼,āó,Å,È,·,ê,ì[]A“ü—Í•¶Žš—ñ,ì[]%oŠú'l(ffftfHf<fg),Æ,μ,Ä[]ASÂ««•İ”-¼,ì“à  
—e,ā“ü—ÍfEfBf“fhfE,ÉŽn,β,É•\Ž!,¾,ê,Ü,·[]B

•\Ž!f[]fbfZ[]fW,É,í[]fbfZ[]fW•\Ž!^Ê'u,Ö,ì•\Ž!•¶Žš—  
ñ,đŽw'è,μ,Ü,·[]BŽw'è,ā,È,·,ê,ì%o½,à•\Ž!,¾,ê,Ü,¹,ñ[]B

f^fCfjf<,ìfEfBf“fhfE[]ã•”,É•\Ž!,¾,ê,é•¶Žš—ñ,đŽw'è,μ,Ü,·[]BŽw'è,ā,È,·,ê,ì[]uInput  
Window[]v,āf^fCfjf<,É,È,è,Ü,·[]B

ftf%ofo,í“®[]ì“à—e,đŽw'è,μ,Ü,·[]B•K—v,É, ,í,¹,Ä^È%oo,ì[]“l,đ[]Ÿ'è,μ,Ä,-  
,¼,¾,ç[]B('è<•¶Žš—ñ,đŽg—p,·,é[]ê[]ž,í'á•¶Žš,ÅŽw'è,μ,Ä,,¼,¾,ç)[]B

<[]“'l> <'è<`•¶Žš—ñ>  
0x0020 ES\_PASSWORD  
%B,μ,Ü,·(\*,đ•\Ž!)

<“®[]ì“à—e>  
“ü—Í•¶Žš,đ



0x2000 ES\_NUMBER  
Í, μ, Ü, · (Ä'â, Ì''l, Í32767)

Žš, Ì, Ý, ð“ü-

0x4000 ES\_FORMAT  
Ž! ffbfZ[fW, È\ñ, È, Ç, ÌfGfXfP[fv, ð“K-p, ·, é

·\

**ES\_PASSWORD**, ðŽw'è, ·, é, ÆA“ü—Í, μ, ½•ŕŽš, Ì'ã, í, è, É \* , ð•Ž! , μ, Ü, ·B

**ES\_NUMBER**, ðŽw'è, ·, é, ÆAÄ'â32767, Ü, Ä, Ì''l•ŕŽš—ñ, Ì“ü—  
Í, Æ, È, è, Ü, ·B“Žš^ÈŠO, ð“ü—Í, μ, ½ê#A<y, Ñ''l, a32767, ð  
%oz, !, ½ê# , ÌfbfZ[fW, a•Ž! , 3, è, ÄÄ“x“ü—Í, a'£  
, 3, è, Ü, ·B32fjfbfgfo[fWf#f“ , ðAWindows95 , Ü, ½, Í Windows NT 3.51  
^È~ , Ä“ @ Ì, 3, 1, ½ê#A  
%oE'[ , ÉfAfbfvf\_fEf“ , ÌfRf“fgf[f< , a•t, «A“Žš^ÈŠO, Ì•ŕŽš, Ì“ü—  
ÍŽ©g, a[s, È, !, Ü, 1, ñB

**ES\_FORMAT**, ðŽw'è, μ, ½ê# PRINTF , Æ“~ , ŕÆ`Ž® , Ä\ñ, È, Ç, ÌfGfXfP[fv, aŽg—  
p, Ä, «, Ü, ·(fGfXfP[fv, Ì, Ý, Ä%%d, È, Ç, Ì^ø“ , ÍŽg—p, Ä, «, Ü, 1, ñ)B, ±, è, É, æ, è•\  
Ž! ffbfZ[fW, Ì“r't, Ä%oü[s, È, Ç, ð[s, È, x, ±, Æ, a, Ä, «, Ü, ·B

-ß, è'l

0  
1  
254  
255

³íI-1  
f+[fU[ , a'tŽ~ , μ, ½  
ŠÂ««•İ“ , Ì-Ì^æ , a'« , è, È, ç  
fpf%ff[f^ [ , a•s'«

—á

INPUTSTRING NAME -¼'O, ð“ü—Í, μ, Ä, , ¾, 3, ç  
INPUTSTRING=ES\_PASSWORD /WP:100,200 PASSWD fpfXf[fh, ð“ü—Í, μ, Ä, -  
, ¾, 3, ç  
INPUTSTRING=ES\_PASSWORD+ES\_FORMAT PASSWD fpfXf[fh, ð“ü—Í, μ, Ä, -  
, ¾, 3, ç\n(4Æ...)  
INPUTSTRING=ES\_NUMBER USERID f+[fU["Ô+ , ð“ü—Í, μ, Ä, , ¾, 3, ç

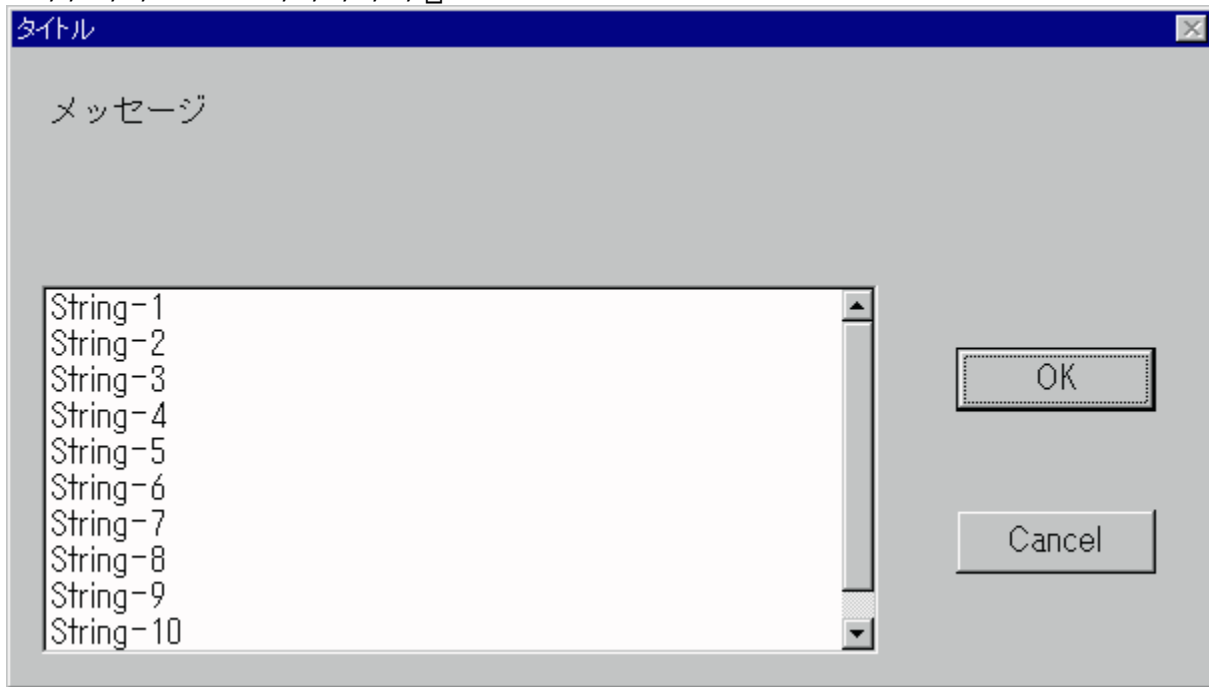
**ŽQ**

SELECTSTRING  
GETOPENFILENAME

**SELECTSTRING[=f^fCf€fAfEfg•b] [/T[:]"f^fCfƒf<"] [/M[:]"fƒfbfZƒ[fW"]  
 [/E[:]ŠĂ<<•İƒ"-¼] [/WP[:][fEfCf"fhfE%o;^É'u],[ƒc^É'u]] [/X[:]Ā'ā•ŕŽš—  
 —ñƒ"] [/A] [/S] [/R:"Ōƒt] [/I,/F,/B] [•ŕŽš—ñ1 [•ŕŽš—ñ2 ...]]**

fšXfƒƒ{fbfNfX,©,ç•ŕŽš—ñ,ì'İ'đ,đƒs,È,ƒ,Ü,•ƒB

ŽŸ,ì,æ,æ,È%œ-É,É,È,è,Ü,•ƒB



^È%œ,ìfƒvƒfƒ",āŽw'è,Ā,«,Ü,•(fƒvƒfƒ"<y,ŕ•ŕŽš—  
 ñ,æfƒvƒfƒ",ìŠŌ,ìfXfƒƒ[fX,đ<ó,̄,Ā,,¾,¾,ƒ)ƒB

```

/T:"•ŕŽš—ñ"    fEfBf"fhfEf^fCfƒf<, İŽw'è, đƒs, È, ƒ, Ü, •(ffftfHf<fg, İ
"Select Window")ƒB
/M:"•ŕŽš—ñ"    f^fCfƒf<, æf{f^f", İŠŌ, É•\
Ž, , , éfƒfbfZƒ[fW, đŽw'è, µ, Ü, •(ffftfHf<fg, İ•\Ž, È, µ)ƒB
/E:•İƒ"-¼      ŠĂ<<•İƒ", É'İ'đ, µ, ½•ŕŽš—ñ, đ'ă"ü, µ, Ü, •ƒB
/WP:%i, ƒc      fEfBf"fhfE, İ%
iƒAƒc, İ^É'u, đXfNfšƒ[f"Ā•w, ĀŽw'è, µ, Ü, •(ffftfHf<fg, İ't%>)ƒB
/X              Ā'ā, İƒ€-
Úƒ", đŽw'è, µ, Ü, •(ffftfHf<fg240)ƒB
/A              •iƒ", İ•ŕŽš—ñ, đ'İ'đ%Ā"\, É, µ, Ü, •ƒB
/S              •ŕŽš—ñ, đf\ƒ[fƒ, µ, Ü, •ƒB
/R[:"Ōƒt]      ffftfHf<fg, İ'İ'đƒ€-
Ú, đŽw'è, µ, Ü, •(ffftfHf<fg, İ'İ'đƒ€-Ú, È, µ)ƒB
/I              •ŕŽš—ñ, İŽw'è, đ INI ftfƒCf<, Āƒs, È, ƒ
, Ü, •ƒB
  
```

/F •ŕŽš—  
ň, ÌŽw'è, ðfefLfXfgftf@fCf<, ©, ç“Ç, Ýŕž, Ý, Ü, ·□B  
/B •ŕŽš—ň, ÌŽw'è, ð'±, □s, Å□s, È, ç, Ü, ·□B

/T, Å, Ìf^fCf<g<, É, ÌfEfBf“fhfE, Ìf^fCf<g<, ðŽw'è, µ, Ü, ·□B/T: "Window Title", Ì, æ, π  
, Éf^fCf<g<, ð "" , Å^Í, Å, ÌŽw'è, µ, Å,, ¾, ¾, ç□BŽw'è, ð, È, -, é, Í "Select Window"  
, ðf^fCf<g<, É, È, è, Ü, ·□B

/M, Å, Ìf□fbfZ□[fW, É, Í□Af□fbfZ□[fW, ðŽw'è, µ, Ü, ·□B/M: "Message String", Ì, æ, π  
, Éf□fbfZ□[fW, ð "" , Å^Í, Å, ÌŽw'è, µ, Å,, ¾, ¾, ç□BŽw'è, ð, È, -, é, Í%½, à•ŽÍ, ¾, é, Ü, ¹, ñ□B

/E, ðŽw'è, ·, é, Æ'Í'ð, µ, ½•ŕŽš—ň, ðŠÅ««•í□", É'ä"ü, ·, é, ±, Æ, ð, Å, «, Ü, ·□B/E: NAME  
, Ì, æ, π, É /E, É'±, -, ÅŠÅ««•í□"-¼, ðŽw'è, µ, Å,, ¾, ¾, ç□B•ŕŽš—  
ň, Ì'Í'ð, ð□s, È, í, é, È, ©, Å, ½□ê□#□A, » , ÌŠÅ««•í□", Í, ó, É, È, è, Ü, ·(□í□œ, ¾, é, Ü, ·)□B

/WP, É'±, -, Å%ï^Ê'u, Æ□c^Ê'u, ðŽw'è, ·, é, Æ□AfEfBf“fhfE, Ì^Ê'u, ð•í□X, ·, é, Ž-  
, ð, Å, «, Ü, ·□B/WP: 100, 200, Ì, æ, π, É□A/WP, É'±, -, Å%ï, Æ□c, Ì^Ê'u, Ì□Å•W, ðfjf“f”(', ')  
, Å<æ□Ø, Å, ÌŽw'è, µ, Å,, ¾, ¾, ç(ŠÔ, ÉfXfy□[fX“™, Í“ü, é, È, ç, Å, -  
, ¾, ¾, ç)□Bf}fCfifX, Ì'Í, ðŽw'è, ·, é, Æ□AfEfBf“fhfE, Ì%E  
%º, ð•N“ , Æ, µ, ½fffXfNfgfbfv, Ì%E%º, ©, ç, Ì□Å•WŽw'è, Æ, È, è, Ü, ·□B%º  
í, Ü, ½, Ì□c, Ì, ç, ç, ©^ê•ú, ¾, -, ðŽw'è, ·, é, Æ□A—  
¼•ú“-, ŕ'Í, Æ, µ, ÅœvŽŽ, ¾, é, Ü, ·□BŽw'è, ð, È, -, é, ÌfffXfNfgfbfv, Ì'+%º>, É•ŽÍ, ¾, é, Ü, ·□B

/X, ðŽw'è, ·, é, Æ□A□Å'á, Ì•ŕŽš—ň, Ì□€-Ú□", ðŽw'è, Å, «, Ü, ·□B/X: 20  
, Ì, æ, π, É□A/X, É'±, -, Å□€-Ú□", ð□"Í, ÅŽw'è, µ, Å,, ¾, ¾, ç□BŽw'è, ð, È, -, é, Í240(□Å'á'Í)  
, Å, ·□BINI ftf@fCf<, ©, ç, Ì“Ç, Ýŕž, ÝŽž, ÍŽžŠÔ, ðŠÍ, ©, è, Ü, ·, ð□A, ±  
, ÌfÍvÍvÍfÍf“ , Å□Å'á□", ð□\$œA, ·, é, ±, Æ, É, æ, è□A'Ò, çŽžŠÔ, ðœ, ç, ·, ±, Æ, ð, Å, «, Ü, ·□B

/A, ðŽw'è, ·, é, Æ□A•í□", Ì•ŕŽš—ň, ð'Í'ð%Å"\, É, È, è, Ü, ·□B/  
E, ðŽw'è, µ, ½□ê□#□AŠÅ««•í□", É, Ì'Í'ð, µ, ½•ŕŽš—  
ň, ð□A'ó"" , Å<æ□Ø, ç, é, Å'ä"ü, ¾, é, Ü, ·(•ŕŽš—ň, É'ó"" , ðŠÜ, Ü, é, é□ê□# , ÍŠY“—•ŕŽš—ň, ð  
"" , Å^Í, í, é, Ü, ·)□B/E, ðŽw'è, µ, Å'ä"ü, Å, «, é'S•ŕŽš□", Ì□#œv, Í-  
ň500•ŕŽš^É“à, Å, ·, Ì, Å□A'òŽR, Ì•ŕŽš—ň, ð'Í'ð, µ, ½□ê□#□A^ê•", Ì•ŕŽš—  
ň, ð'ä"ü, ¾, é, È, ç, ±, Æ, ð, , è, Ü, ·□B

/S, ðŽw'è, ·, é, Æ□A•ŕŽš—ň, ðf\□[fg, µ, Ü, ·□B, ±  
, ÌŽw'è, ð, È, -, é, ÌŽw'è, ¾, é, ½□#“Ô, » , Ì, Ü, Ü, É, È, è, Ü, ·□B

/R, ðŽw'è, ·, é, Æ□AffftfHf<fg, Å'Í'ð, ¾, é, Å, ç, é•ŕŽš—ň(fŠfo□[fX, ¾, é, ½•ŕŽš—ň)  
, ðŕÝ'è, Å, «, Ü, ·□B/R: 5, Ì, æ, π, É□A/R, É'±, -, Å□ä, ©, ç, Ì□€-Ú“Ô□†, ðŽw'è, µ, Å, -  
, ¾, ¾, ç(1“Ô-Ú, Ì□€-Ú“Ô□†, ð1, É, È, è, Ü, ·)□B•í□"Í'ð(/A, ð%Å"\, É, È, Å, Å, ç  
, é□ê□# , Í□A□€-Ú“Ô□†, ðfjf“f”(', '), Å<æ□Ø, Å, Å•í□"Žw'è, ·, é, ±  
, Æ, ð, Å, «, Ü, ·(ŠÔ, ÉfXfy□[fX“™, Í“ü, é, È, ç, Å, ¾, ¾, ç)□B□€-Ú“Ô□†, ðŽw'è, ¹, , É /R  
, Ì, Ý, ðŽw'è, ·, é, Æ□A1“Ô-Ú, Ì□€-Ú, ð'Í'ð'ó'Ô, É, È, è, Ü, ·□Bf\□[fg(/S), µ, Å, ç, é□ê□# , Í□Af\  
□[fg, µ, ½œä, Ì□#“Ô, ð□€-Ú“Ô□†, Å, ·, Ì, Å'□^Ó, µ, Å,, ¾, ¾, ç□B/R  
, ðŽw'è, µ, È, -, é, ÌŽn, ß, ©, ç'Í'ð'ó'Ô, É, È, Å, Å, ç, é□€-Ú, Í'ŕ□Ý, µ, Ü, ¹, ñ□B

•¶Žš—ň,É,ÍŃŃXfg,É•\Ž!,.é•¶Žš—ň,đŽw'è,μ,Ü,·B1,Â,Ì•¶Žš—  
ň,É,ÍŃ'á128•¶Žš,ªŽw'è,Â,«,Ü,·,ªA•¶Žš—ň,ª',-  
,É,é,ÆŃŃXfg,©,ç,Í,ÝŃo,μ,Ä,μ,Ü,ç,Ü,·(,Í,ÝŃo,μ,½•"•ª,Í•\Ž!,ªŃs,È,í,ê,Ü,¹,ň)B

/I,đŽw'è,·,é,Æ•¶Žš—ň,Ì"à—e,đINÍftf@fCf<,©,çŽæ,èž,þ,±,Æ,ª,Â,«,Ü,·B/  
I,đŽw'è,μ,½êê#SELECTSTRING,Ípf%of[[f^[[,ÍŽŸ,Ì,æ,ª,É,È,è,Ü,·B

SELECTSTRING [/XfCfbf` ] /I fZfNfVfjf"-¼ fGf"fGfŠ-¼ INÍftf@fCf<-¼

INÍftf@fCf<,ÍZfNfVfjf",ÆfGf"fGfŠ,ÍŽŸ,Ì,æ,ª,ÉÈ` ,Â, ,ç,©,¶,ßŃŃŃ,μ,Ä,"«,Ü,·B(f  
ZfNfVfjf",ÆfGf"fGfŠ,ÌŃŃŃx,É,Â,ç,Ä,Í GETINISTRING ,đŽQŃÆ,μ,Ä,,¾,¾,ç)

[section]

entry1=1"Ô-Ú,Ì•¶Žš—ň

entry2=2"Ô-Ú,Ì•¶Žš—ň

⋮

entry240=240"Ô-Ú,Ì•¶Žš—ň

Žw'è,³,ê,½ZfNfVfjf",âftf@fCf<,ªÆ©,Â,©,ç,È,çêê#A'S,•¶Žš—ň,Ì\  
Ž!,ªŃs,È,í,ê,Ü,¹,ňBINÍftf@fCf<,©,ç,Ì"Ç,Ýž,Ý,ÍŽáŠ±ŽŽŠÔ,đ—v,μ,Ü,·B

/F,đŽw'è,·,é,Æ•¶Žš—ň,Ì"à—e,đfefLfXfgftf@fCf<,©,ç"Ç,Ýž,Ý,Ü,·B/  
F,đŽw'è,μ,½êê#SELECTSTRING,Ípf%of[[f^[[,ÍŽŸ,Ì,æ,ª,É,È,è,Ü,·B

SELECTSTRING [/XfCfbf` ] /F ftf@fCf<-¼

Žw'è,·,éftf@fCf<,Ì"à—e,Í, ,ç,©,¶,ßŃŃŃ,μ,Ä,"«,Ü,·B1Ńs-Ú,ª1"Ô-Ú,ŃA2Ńs-  
Ú,ª2"Ô-Ú,Ì•¶Žš—ň,Ì"à—e,É,È,è,Ü,·BŽw'è,³,ê,½ftf@fCf<-

¼,ªÆ©,Â,©,ç,È,çêê#A'S,•¶Žš—ň,Ì\

Ž!,ªŃs,È,í,ê,Ü,¹,ňBftf@fCf<,©,ç,Ì"Ç,Ýž,Ý,Íftf@fCf<,Í'á,«,³,É,æ,èŽáŠ±ŽŽŠÔ,đ—  
v,μ,Ü,·B

/B,đŽw'è,·,é,Æ•¶Žš—ň,Ì"à—e,đ'±,Ńs,©,ç"Ç,Ý,Æ,è,Ü,·B/  
B,đŽw'è,μ,½êê#SELECTSTRING,Æ'±,Ńs,ÍŽŸ,Ì,æ,ª,É,È,è,Ü,·B

SELECTSTRING [/XfCfbf` ] /B

1"Ô-Ú,Ì•¶Žš—ň

2"Ô-Ú,Ì•¶Žš—ň

⋮

240"Ô-Ú,Ì•¶Žš—ň

ŃÆä,Ńs,Íæª,ÉfsfŠfÍfh(''),Ì,Ý,đŽw'è,μ,Ä,,¾,¾,çBGOTO,Â,Íf  
%ofXf<,Æ<æ•É,ª,Â,«,È,ç,½,ßA•¶Žš—ň,Ńæª,ÉfRfŃf"('') ,ÍŽg—p,μ,È,ç,Â,-  
,¾,¾,çB

f^fCf€fAfEfgŽžŠŎ,đŽw'è,.,é,Æ□AŽw'è,ì•b□",ªŒo  
%oß,µ,Ä,à'I'đ,ª□s,È,í,ê,È,©,Á,½□ê□ž©“®“l,ÉfEfbf“fhfE,ª•Â,¶,é,æ,π  
,É,È,è,Ü,·□B,±,ì,Æ,«-ß,è'I(ERRORLEVEL)  
,í0,É,È,è,Ü,·□Bf^fCf€fAfEfgŽžŠŎ,í1□`60•b,Ü,ÅŽw'è,Å,«,Ü,·□B

-ß,è'I(ERRORLEVEL),Æ,µ,Ä□A'I'đ,µ,½•¶Žš-ñ,ì□ã,©,ç□",l,½'I(1,2,3..)  
,ª•Ŏ,è,Ü,·□B•¶Žš-ñ,ì'I'đ,í•¶Žš-ñ,đfVf“fOf<fNfŠfbfN,µ,Ä'I'đ□ó'Ŏ,É,µ,Ä[OK],đ  
%oÿ,·,©□A•¶Žš-ñ,đf\_fuf<fNfŠfbfN,·,é,±,Æ,É,æ,è□s,È,ì,Ü,·□B

**-ß,è'I**

0 [Cancel],đ'I'đ,  
f^fCf€fAfEfgŽžŠŎ,ªŒo%ß,µ,½  
1 □` 240 (/A,đŽw'è,µ,È,ç,Æ,«)□ã,©,ç□",l,½  
%ÿ,µ,½•¶Žš-ñ,ì^Ê'u  
1 □` 240 (/A,đŽw'è,µ,½,Æ,«)'I'đ,µ,½•¶Žš-ñ□"  
252 f□f,fŠ□[,ª•s'«  
254 ŠÅ<«•İ□",ì-ì^æ,ª•s'«  
255 fpf%□□[f^□[,ª•s'«

**-á**

SELECTSTRING /M:"□^—□,đ'I'đ,µ,Ä,,¾,³,ç" □i“ú,ì□^—□ □đ“ú,ì□^—□ -¾“ú,ì□^—□  
SELECTSTRING /T:"Mail" /M:"Select Your ID" /E:ID /I Member ID member.ini  
SELECTSTRING /S /E:NAME /WP:-50,100 /F c:\data\namelist.txt  
SELECTSTRING /A /R:1,3,5 ŒŽ %oî □... -Ø <à “y “ú

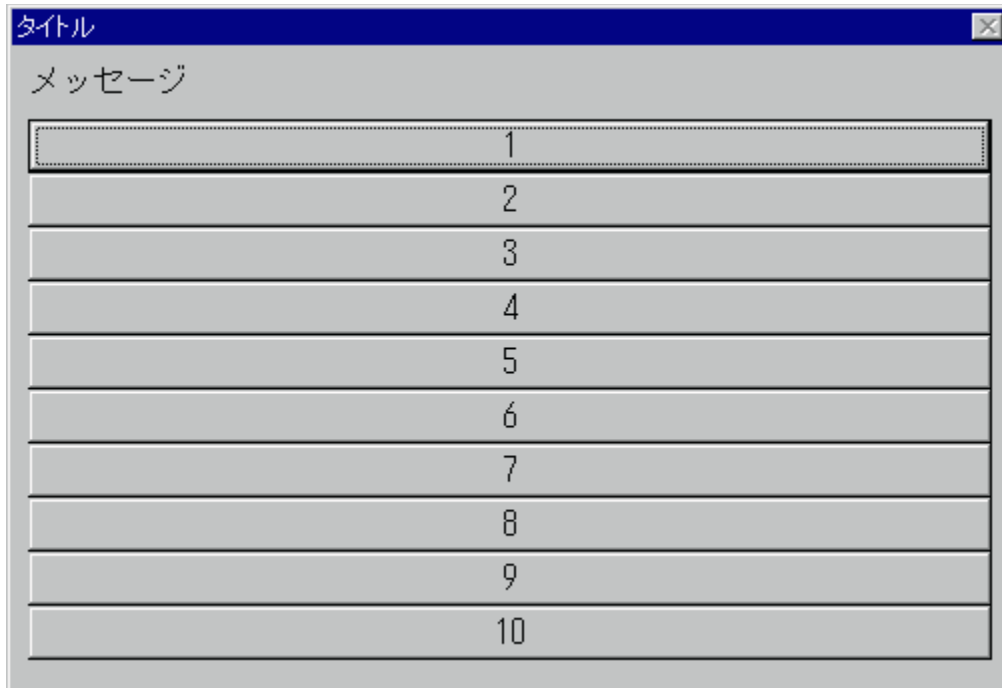
**ŽQ□I**

INPUTSTRING  
CHOICEBUTTON

**CHOICEBUTTON[=f^fCf€fAfEfg•b] [/T[:]"f^fCf<"]  
 [/M[:]"f□fbfZ□[fW"] [/L] [/V] [/R:"Ō□t] [/I,/F,/B] [/WP[:][fEfCf"fhfE%  
 i^Ê'u],[□c^Ê'u]] [/Z] [f{f^f"1•Ųžš—ñ [f{f^f"2•Ųžš—ñ ...]]**

10ĈĀ,}f{f^f",}t,©,ç'!đ,đ□s,È,Á,Ä'l,ñ,¼f{f^f",}l,đ•Ō,μ,Û,•□B

ŽŸ,ì,æ,κ,È%œ-Ê,É,È,è,Û,•□B



^È%œ,}f{f^f",}Žw'è,Á,«,Û,•(f{f^f",}Ųžš—  
 ñ,Æf{f^f",}İŠŌ,}fXfy□[fX,đó,̄,Ä,,¼,³,ϕ)□B

```

/T:"•Ųžš—ñ" fEfBf"fhfEf^fCf<,İŽw'è,đ□s,È,ϕ,Û,•(ffftfHf<fg,Í
"Choice Window")□B
/M:"•Ųžš—ñ" f^fCf<,Æf{f^f",İŠŌ,É•\
Ž|,•,éf□fbfZ□[fW,đŽw'è,μ,Û,•(ffftfHf<fg,Í•\Ž|,È,μ)□B
/L f{f^f""à,İ•Ųžš—ñ,đ□Ųžšñ,¹,É,μ,Û,•□B
/V <ó"" ,İf{f^f",İ•\Ž|,đ□s,È,ϕ,Û,¹,ñ□B
/R:"Ō□t
ffftfHf<fg,İ'I'đf{f^f",đŽw'è,μ,Û,•(ffftfHf<fg,Í^è"Ō□ă,İf{f^f")□B
/I f{f^f""à-e,İŽw'è,đ İNI ftf@fCf<,Á□s,È,ϕ
,Û,•□B
/F f{f^f""à-
e,İŽw'è,đfefLxfggtf@fCf<,©,ç"Ç,Ÿ□ž,Ÿ,Û,•□B
/B f{f^f""à-e,İŽw'è,đ'±,□s,Á□s,È,ϕ,Û,•□B
/WP:%i,□c fEfBf"fhfE,İ%
  
```

i□A□c, î Ê' u, ðfXfNfŠ□[f“□À•W, ÅŽw' è, µ, Ü, · (ffftfHf<fg, Í' †%>) □B  
/Z fEfBf“fhfE, ÌfAfCfRf“%»», ð<-%À, µ, Ü, · □B

/T, Å, Ìf^fCfGf<, É, ÌfEfBf“fhfE, Ìf^fCfGf<, ðŽw' è, µ, Ü, · □B/T: "Window Title" , Ì, æ, x  
, Éf^fCfGf<, ð "" , Å^Í, Å, ÅŽw' è, µ, Ä,, ¾, ¾, ç□BŽw' è, ð, È, -, ê, Î "Choice Window"  
, ðf^fCfGf<, É, È, è, Ü, · □B

/M, Å, Ìf□fbfZ□[fW, É, Í□A□fbfZ□[fW, ðŽw' è, µ, Ü, · □B/M: "Message String" , Ì, æ, x  
, Éf□fbfZ□[fW, ð "" , Å^Í, Å, ÅŽw' è, µ, Ä,, ¾, ¾, ç□BŽw' è, ð, È, -, ê, Î%½, à•ŽÌ, ¾, è, Ü, ¹, ñ□B

/L, ðŽw' è, ¾, è, é, Æf{f^f““à, Ì•¶Žš—ñ, ð¶¶Šñ, ¹, Å•\ŽÌ, µ, Ü, · □B'A, µfvf□f|  
□[fVf#fif<ftfHf“fg(•¶Žš, É, æ, Å, Ä•□, ð^á, x), ðŽg, í, è, Ü, ·, Ì, Å□A, «, è, ç, É, », è, í, È, ç, ±  
, Æ, ð, , è, Ü, · □B/L , ðŽw' è, ¾, è, È, -, ê, Î'+%>'µ, Ì, Å•\ŽÌ, ¾, è, Ü, · □B

/V, ðŽw' è, ¾, è, é, Æ□A•¶Žš—ñ, ðŽw' è, ¾, è, ½f{f^f“ , Ì, Ý, ð•\ŽÌ, µ□A<ó, Ìf{f^f“ , Í•\  
ŽÌ, ð□s, È, í, è, È, -, È, è, Ü, · □B/  
V, ÌŽw' è, ð, È, -, ê, Î<ó, Ìf{f^f“ , àŠÜ, ß, ½10ÆÀ, Ìf{f^f“ , ð•K, , •\ŽÌ, ¾, è, Ü, · □B

/R, ðŽw' è, ·, é, Æ□AffffHf<fg, Å'Í'ð, ¾, è, Ä, ç, é□ó'Ô, Ìf{f^f“ , ð¶Ý'è, Å, «, Ü, · □B/R: 5  
, Ì, æ, x, É□A/R, É'±, -, Ä□ã, ©, ç, Ìf{f^f““Ô¶†, ðŽw' è, µ, Ä,, ¾, ¾, ç□B/R  
, ðŽw' è, µ, È, -, ê, Î^è"Ô¶ã, Ìf{f^f“ , ð'Í'ð□ó'Ô, Å, · □B

/WP, É'±, -, Ä%ïî Ê'u, Æ□c^Ê'u, ðŽw' è, ·, é, Æ□A fEfBf“fhfE, Ì Ê'u, ð•ï□X, ·, éŽ-  
, ð, Å, «, Ü, · □B/WP: 100, 200 , Ì, æ, x, É□A/WP, É'±, -, Ä%ïî, Æ□c, Ì Ê'u, Ì□A•W, ðff{f}f(' ; )  
, Å<æ□Ø, Å, ÅŽw' è, µ, Ä,, ¾, ¾, ç(ŠÖ, ÉfXfy□[fX“™ , Í“ü, è, È, ç, Å, -  
, ¾, ¾, ç)□Bf}fCfifX, Ì'Í, ðŽw' è, ·, é, Æ□A fEfBf“fhfE, Ì%œ  
%œ, ð<N“ , Æ, µ, ½fffXfNfgfbfv, Ì%œ%œ, ©, ç, Ì□A•WŽw' è, Æ, È, è, Ü, · □B%œ  
ì, Ü, ½, Ì□c, Ì, Ç, Ì, ç, ©^ê•ù, ¾, -, ðŽw' è, ·, é, Æ□A—  
¼•ù“ , ¶'Í, Æ, µ, ÅÆvŽŽ, ¾, è, Ü, · □BŽw' è, ð, È, -, ê, ÌfffXfNfgfbfv, Ì'+%>, É•\ŽÌ, ¾, è, Ü, · □B

/Z, ðŽw' è, ·, é, Æ□A fEfBf“fhfE, ÌfAfCfRf“%»»f{f^f“ , ð•\ŽÌ, ¾, è□A fAfCfRf“ , É, ·, é, ±, Æ, ð  
%œÅ“\, È, È, è, Ü, · (fEfBf“fhfEfTfCfY, Ì•ï□X, à%œÅ“\, È, È, è, Ü, ·) □B fAfCfRf“%œ» , µ, Ä, ç  
, é, Æ, «, ÌfAfCfRf“ , Í /Z[:]ftf@fCf<-¼[ , fCf“fffbfNfX”Ô¶†] , Ì—Í, ÈŽw' è, µ, Ü, · (—á  
/Z: PROGMAN.EXE, 2) □Bftf@fCf<-¼, É, ÌfAfCfRf“ftf@fCf<, àŽÀ□sftf@fCf<(EXE, DLL)  
, ðŽw' è, Å, «, Ü, · □Bftf@fCf<“à, É•ì□” , ÌfAfCfRf“ , ðŠÜ, Ü, è, Ä, ç  
, é□è□¶, ÌfCf“fffbfNfX”Ô¶†, Ì□”'Í, È, æ, è□A, Ç, ÌfAfCfRf“ , ðŽg—p, ·, é, ©Žw' è, ·, é, ±  
, Æ, ð, Å, «, Ü, · □BfCf“fffbfNfX”Ô¶†, ð□È—ð, ·, é, ÆO, È, È, è, Ü, · □Bftf@fCf<-¼^È%œ, ð□È  
—ð, ¾, è, ½□è□¶, ÌWinBatchEh“à, ÌffftfHf<fg, ÌCHOICEBUTTON—  
p, ÌfAfCfRf“ , É, È, è, Ü, · □B  
fAfCfRf“%œ» , ¾, è, ½fEfBf“fhfE, ÌfVfXfef€f□fj...□[(fRf“fgf□□[f<f□fj...□(], Í•\  
, í, è, Ü, ¹, ñ, Ì, Å□ACE³, Ì□ó'Ô, È—ß, ·, È, ÌfAfCfRf“ , ðf\_fuf<fNfŠfbfN, µ, Ü, · □B

•¶Žš—ñ, É, Ìf{f^f“ , Ì•\ŽÌ“à—e, ðŽw' è, µ, Ü, · □B•¶Žš—ñ, ð, , Ü, è' , -  
, È, é, Æf{f^f“ , ÈŽù, Ü, è□Ø, ç, È, È, é, Ì, Å^Ó, µ, Ä, -  
, ¾, ¾, ç(60•¶Žš(Š; Žš, Å30•¶Žš)'ó“x, ð□Å'ð, Å, ·) □B•¶Žš—  
ñ, ðŽw' è, ¾, è, È, ©, Å, ½f{f^f“ , Í'Í'ð, ð□s, È, Ì, Ü, ¹, ñ□B

•ŕŽš—ň,ìŽw'è,ªS,,³,ê,È,¯,ê,îŞef{f^f",É1□`10,ì□"Žš,ð•\Ž!,µ,Û,·□B  
"" ,ìŽw'è,ðf{f^f",ì•ŕŽš—ň,É,·,é,Æ□A%oÿ,·,±,Æ,ª,Â,«,È,ç<ó"" ,ìf{f^f",ðì,é,±  
,Æ,ª,Â,«,Û,·□B  
f{f^f"•ŕŽš—ň"à,Â &•ŕŽš ,ìCE` ,ìŽw'è,ð□s,È,æ,Æ□A,» ,ì•ŕŽš,ÉfAf"f\_□[f  
%ofCf",ª^ø,©,ê,Ä•\Ž!,ª□s,È,í,ê□A,» ,ì•ŕŽš,ðfL□["ü—í,·,é,±  
,Æ,Â,à'í'ð,ª□s,È,í,é,æ,æ,É,È,è,Û,·(-á: "□l—¹(&X)")□B& Ž©□g,ð•\Ž!,·,é,É,í &&  
,ì,æ,æ,É2,Â□d,È,ÄŽw'è,µ,Ä,,¾,³,ç□B

/I,ðŽw'è,·,é,Æf{f^f" ,ì•\Ž!"à—e,ðINlftf@fCf<,©,çŽæ,è□ž,p,±,Æ,ª,Â,«,Û,·□B/  
I,ðŽw'è,µ,½□ê□#CHOICEBUTTON,ìpfª%of□□[f^□[ ,ÍŽŸ,ì,æ,æ,É,È,è,Û,·□B

CHOICEBUTTON [/fXfCfbf` ] /I fzfNfVf#f"-¼ fGf"fGfŠ-¼ INlftf@fCf<-¼

INlftf@fCf<,ìfzfNfVf#f" ,ÆfGf"fGfŠ,ÍŽŸ,ì,æ,æ,ÈCE` ,Â ,ç,©,ŕ,ß□ì□¬,µ,Ä," ,« ,Û,·□B(f  
zfNfVf#f" ,ÆfGf"fGfŠ,ì□Ú□x,É,Â,ç,Ä,í GETINISTRING ,ðŽQ□Æ,µ,Ä,,¾,³,ç)

[section]

entry1=1"Ô-Ú,ìf{f^f" ,ì•ŕŽš—ň

entry2=2"Ô-Ú,ìf{f^f" ,ì•ŕŽš—ň

⋮

entry10=10"Ô-Ú,ìf{f^f" ,ì•ŕŽš—ň

Žw'è,³,ê,½zfzfNfVf#f" ,âftf@fCf<,ªCE© ,Â,©,ç,È,ç□ê□# ,â,·,x,Ä,ìfGf"fGfŠ,ªCE© ,Â,©  
,ç,È,ç□ê□#□AŞef{f^f",É1□`10,ì□"Žš,ð•\Ž!,µ,Û,·□B

Žw'è,³,ê,½fGf"fGfŠ,ªCE© ,Â,©,ç,È,ç□ê□# ,» ,ìf{f^f" ,í<ó,É,È,è,Û,·□B

/F,ðŽw'è,·,é,Æf{f^f" ,ì•\Ž!"à—e,ðfefLfXfgftf@fCf<,©,ç"Ç,Ý□ž,Ý,Û,·□B/  
F,ðŽw'è,µ,½□ê□#CHOICEBUTTON,ìpfª%of□□[f^□[ ,ÍŽŸ,ì,æ,æ,É,È,è,Û,·□B

CHOICEBUTTON [/fXfCfbf` ] /F ftf@fCf<-¼

Žw'è,·,éftf@fCf<,ì"à—e,í, ,ç,©,ŕ,ß□ì□¬,µ,Ä," ,« ,Û,·□B1□s-Ú,ª1"Ô-Ú,ì□A2□s-  
Ú,ª2"Ô-Ú,ìf{f^f" ,ì•\Ž!"à—e,É,È,è,Û,·□BŽw'è,³,ê,½ftf@fCf<-  
¼,ªCE© ,Â,©,ç,È,ç□ê□#□AŞef{f^f",É1□`10,ì□"Žš,ð•\Ž!,µ,Û,·□B

/B,ðŽw'è,·,é,Æf{f^f" ,ì•\Ž!"à—e,ð'±,□s,©,ç"Ç,Ý,Æ,è,Û,·□B/  
B,ðŽw'è,µ,½□ê□#CHOICEBUTTON,Æ'±,□s,ÍŽŸ,ì,æ,æ,É,È,è,Û,·□B

CHOICEBUTTON [/fXfCfbf` ] /B

1"Ô-Ú,ìf{f^f" ,ì•ŕŽš—ň

2"Ô-Ú,ìf{f^f" ,ì•ŕŽš—ň

⋮

10"Ô-Ú,ìf{f^f" ,ì•ŕŽš—ň

□ÅĀě,ì□s,í□æ"ª,ÉfsfŠfIfh(' '),ì,Ý,ðŽw'è,µ,Ä,,¾,³,ç□BGOTO,Â,ìf



%oJxf<,Æ<æ•Ê,ª,Å,«,È,ç,½,ßAf{f^f“•ŕŽš—ñ,ìæ“ª,ÉfRf[]f“(‘:’),ÍŽg—p,μ,È,ç,Å,-  
,¾,¾,ç[]B

**f^fCf€fAfEfgŽžŠÔ**,đŽw’è,·,é,Æ[]AŽw’è,ì•b[]”,ªŒo  
%oß,μ,Å,à‘l’đ,ª[]s,È,í,ê,È,©,Á,½[]ê[]ž“©“®“l,ÉfEfBf“fhfE,ª•Â,ŕ,é,æ,ª  
,É,È,è,Ü,·[]B,±,ì,Æ,«-ß,è‘l(ERRORLEVEL)  
,Í0,É,È,è,Ü,·[]Bf^fCf€fAfEfgŽžŠÔ,Í1[]`60•b,Ü,ÅŽw’è,Å,«,Ü,·[]B

,È,“[]A1”Ô[]ä,ìf{f^f“,íffftfHf<fgf{f^f“,Å,·,ì,Å[]AfŠf^[]f“fL[][,đ,ç,«,È,è%ÿ,·,Æ,±  
,ìf{f^f“,ì‘l’đ,É,È,è,Ü,·[]B

-ß,è‘l(ERRORLEVEL),Æ,μ,Ä[]A‘l’đ,μ,½f{f^f“,ì[]ä,©,ç[]”,l,½‘l(1,2,3..)  
,ª•Ô,è,Ü,·[]B

**-ß,è‘l**

0 f^fCf€fAfEfgŽžŠÔ,ªŒo%ß,μ,½  
1 []`10 fŠf^[]f“‘l([]ä,©,ç[]”,l,½  
%ÿ,μ,½f{f^f“,ì^Ê‘u)  
252 f[]f, fŠ[][,ª•s‘«  
255 fpf%[]f^[][,ìfGf%[][

**—á**

CHOICEBUTTON

CHOICEBUTTON /T:"^—[]‘l’đfEfBf“fhfE" /M:"^—[],đ‘l,ñ,Å,,¾,¾,ç" []i“ú,ì^—[]  
[]đ“ú,ì^—[] -¾“ú,ì^—[]

CHOICEBUTTON=10 /L /V []i“N,ì^—[](&1) []đ“N,ì^—[](&2) —^“N,ì^—[](&3)  
'†f(&X)

CHOICEBUTTON /V /I /WP:100,-60 MENU ITEM MENU.INI

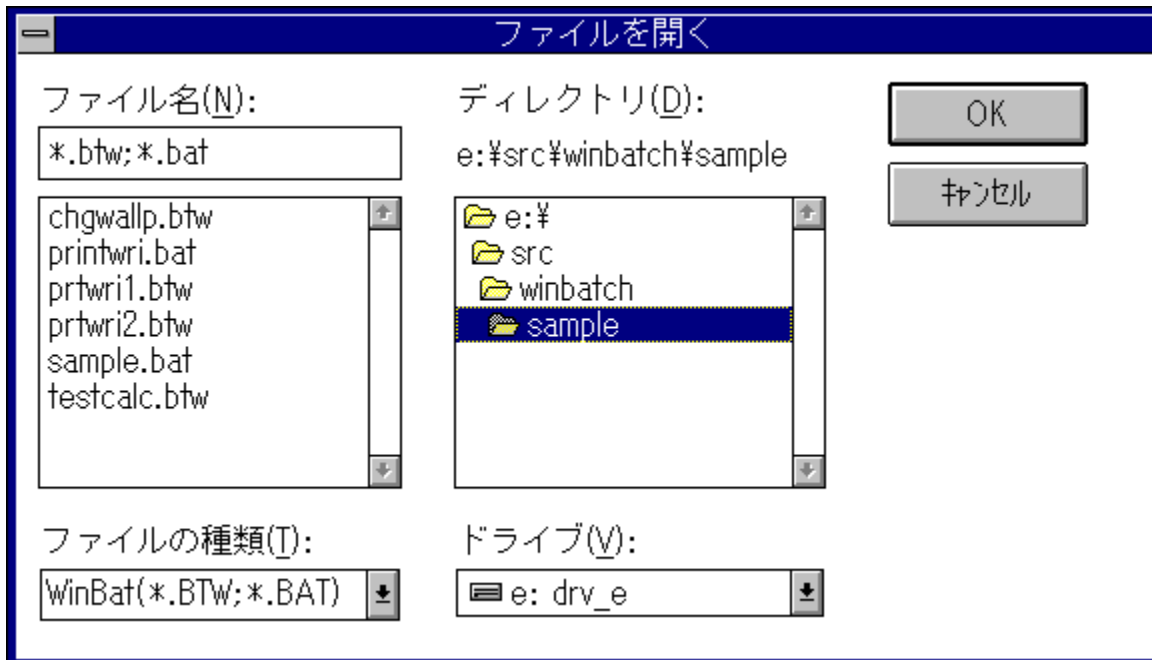
**ŽQ[]l**

CHOICE

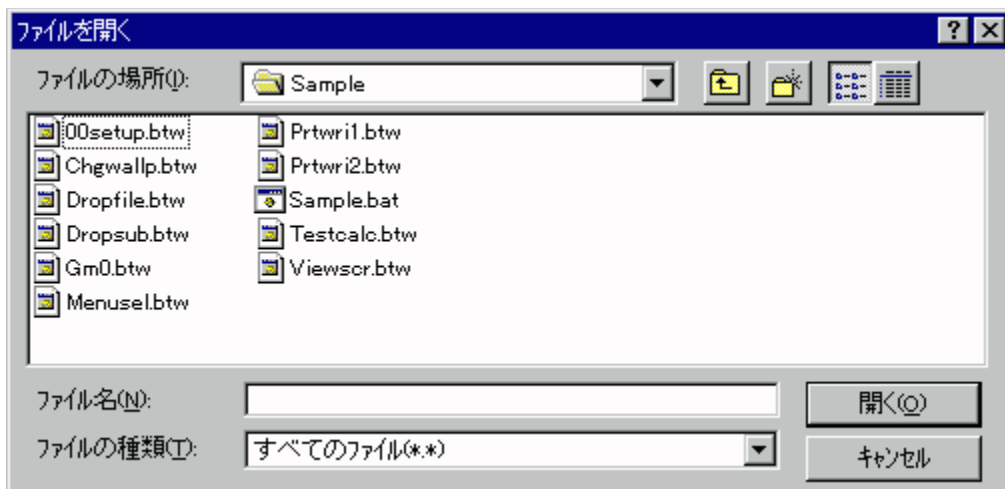
SELECTSTRING

**GETOPENFILENAME[=ftf%ofo] [/T[:]"f^fCfjf<"] ŠÂ«•ï"-¼  
[ftf@fCf<f}fXfN]**

fRf,f"f\_fCfAf□Of{fbfNfX,đŽg—p,μ,Äftf@fCf<-¼,ì'í'đ,(Ü,½,í"ü—í),đ□s,É,¢  
Ü,·□BŽŸ,ì,æ,α,ÉCE`Ž® ,ìfEfBf"fhfE,Å,·□B



Windows95,Å,íŽŸ,ì—í,ÉfEfBf"fhfE,É,È,è,Ü,·(OFN\_DIRSELECT ,Ü,½,í  
OFN\_ALLOWMULTISELECT  
,đŽw'è,μ,½□ê□#,í'□□q,ìCE`Ž® ,ìfEfBf"fhfE,É,È,è,Ü,·)□B



ŠÂ«•ï"-¼,É,í'í'đ,μ,½ftf@fCf<-¼,đ'ä"ü,·,éŠÂ«•ï"-¼,đŽw'è,μ,Ü,·□Bftf@fCf<-¼,ìftf<fpfX,Å□Ÿ'è,³,è,Ü,·□B³□í□—

1,μ,È,©,Á,½□ê□±(ft□[fU□[,É,æ,éLffff“fZf<,âfGf  
%o□()ŠĂ<<•i□”,í,ó,É,È,è,Ü,·(□í□œ,³,è,Ü,·)□B

ftf@fCf<f}fXfN□Y’è,É,í,·\  
Ž!,đ□s,È,±ftf@fCf<,lf}fXfN,đ□Y’è,μ,Ü,·□Bftf@fCf<f}fXfN□Y’è,í  
“,·,x,Ä,lfyf@fCf<(\*.\*)” ,ì,æ,±,É,Ü,·□à-¾,đ□’,«’±  
,·,ÄŠ±œÉ“à,Éftf@fCf<,lf}fXfN,đ<L□q,μ,Ä,,¾,¾,±,±□Bftf@fCf<f}fXfN,í  
“LHA(\*.LZH;\* .LZS)” ,ì,æ,±,ÉfZf~fRf□f“(;) ,Á<æ□Ø,Á,Ä•i□”Žw’è,·,é,±  
,Æ,ª,Ä,« ,Ü,·□B  
f}fXfN□Y’èŽ©□g,đ•i□”Žw’è,·,é□ê□±,í  
“DOCUMENT(\*.DOC;\* .TXT),WRITE(\*.WRI)” ,ì,æ,±,Éff“f}(,) ,Á<æ□Ø,Á,Ä,,¾,¾,±,±□B  
ftf@fCf<f}fXfN□Y’è,ìŽw’è,ª,È,·,é,î,·,x,Ä,lfyf@fCf<,í’í’đ,É,È,è,Ü,·□B

/T,Á,lf^fCf<g,É,ífEfBf“fhfE,lf^fCf<g,đŽw’è,μ,Ü,·□B/T:"Window Title" ,ì,æ,±  
,Éf^fCf<g,đ "" ,Ä’í,Á,ÄŽw’è,μ,Ä,,¾,¾,±,±□BŽw’è,ª,È,·,é,î□uftf@fCf<,đŠJ,-  
□v,af^fCf<g,É,È,è,Ü,·□B,È,“□A^È’O,ìfo□[fWf±f“,Á,ífyf@fCf<f}fXfN,ìœă,Éf^fCf<g,  
đŽw’è,·,é,æ,±,É,È,Á,Ä,±,Ü,μ,½,ì,Á□A,» ,ìœ`Ž® ,Áf^fCf<g,đŽw’è,·,é,±,Æ,à%oÄ”\  
,Ä,·□B

ftf%ofo,í“®□”à—e,đŽw’è,μ,Ü,·□B•K—v,É, ,í,¹,Ä^È%oº,ì□””l,đ□Y’è,μ,Ä,-  
,¾,¾,±,±□B(’è<`•¶Žš—ñ,đŽg—p,·,é□ê□±,í’â•¶Žš,ÄŽw’è,μ,Ä,,¾,¾,±,±)□B

<□”’l> <’è<`•¶Žš—ñ>	<“®□”à—e>
0x0001 OFN_READONLY	[“Ç,ÝŽæ,è□ê—p]
,đf`fFfbfN	
0x0002 OFN_OVERWRITEPROMPT	‘¶□Y,·,é,îŠm”Ff□fbfZ□[fW•\
Ž!	
0x0004 OFN_HIDEREADONLY	[“Ç,ÝŽæ,è□ê—p]
,ìf□fbfZ□[fW,đ”ñ•\Ž!	
0x0008 OFN_NOCHANGEDIR	□I—
¹ŽžfJfœf“fgf ffbfœfnfgfŠ,đ•œœ³	
0x0010 OFN_DIRSELECT	fffBfœfnfgfŠ,đ’I’đ
0x0100 OFN_NOVALIDATE	ftf@fCf<-¼,Æ,μ,Ä—
³œø,È•¶Žš,đ<—,·	
0x0200 OFN_ALLOWMULTISELECT	•i□”,ìftf@fCf<-¼,đ’I’đ%Ä”\
(C:\PATH FILE1 FILE2 ...)	
0x0400 OFN_ALLOWMULTISELECT_F	•i□”,ìftf@fCf<-¼,đ’I’đ%Ä”\
(C:\PATH\FILE1 C:\PATH\FILE2 ...)	
0x0800 OFN_PATHMUSTEXIST	—Lœø,ÈfpfX-¼,ì,Ý,đ“ü—í
%Ä”\	
0x1000 OFN_FILEMUSTEXIST	Šù’¶,ìftf@fCf<-¼,ì,Ý,đ“ü
-í%Ä”\	
0x2000 OFN_CREATEPROMPT	□V<K,ìftf@fCf<—
¼,È,çŠm”F•\Ž!	
0x4000 OFN_SHAREAWARE	<±—L^á”½,đ-³Ž<,·,é
0x8000 OFN_NOREADONLYRETURN	

"ñfŠ[]fhfIf"fŠ[]ftf@fCf<, Ì, Ý 'I' ð

^È%º, Í32frfbfgfo[]fwfþf", Å, Ì, Ý-  
LŒø, Å, · (16frfbfgfo[]fwfþf", Å, ÍŽw'è, µ, Ä, à-³Ž<, ³, ê, Ü, ·)[]B  
<[]" 'l> <'è<`·¶Žš-ñ> <"@[]ì"à-e>

0x00020000 OFN\_NONETWORKBUTTON  
[flfbfgf[][]fN]f{f^f", ð·\Ž|, µ, È, ç  
0x00040000 OFN\_NOLONGNAMES  
OFN\_ALLOWMULTISELECTŽž[]A'Z, çftf@fCf<-¼, ð·Ô, ·  
0x00100000 OFN\_NODEREFERENCELINKS  
fvfþ[][fgfJfbfgftf@fCf<, ð'I, ñ, Å, à[]A, » , Ì, Ü, Üfvfþ[][fgfJfbfgftf@fCf<-¼, ð·Ô, ·

·i[]", Ì" @[] , ð'g, Ý[]þ, í, ¹, ÄŽw'è, ·, é, ±, Æ, à%oÅ"\, Å, ·[]B-á, Ì, Î[]A^È  
%º, Ì[]s, Ì, ·, x, Ä" , ¶" @[] , ð[]s, È, ç, Ü, ·[]B

GETOPENFILENAME=0x0804 NAME  
GETOPENFILENAME=0x0004+0x0800 NAME  
GETOPENFILENAME=OFN\_HIDEREADONLY+OFN\_PATHMUSTEXIST NAME

OFN\_ALLOWMULTISELECT  
, ðŽw'è, µ, Ä[]A·i[]", Ìftf@fCf<, ð'I' ð, ³, ê, ½[]ê[]þ[]AŠÂ««·i[]", È, Í[]æ"ª, ÉfffBfŒfNfgfŠ-¼[]A, » , ÌŒä<ó"" , Å<æ[]Ø, ç, ê, Äftf@fCf<-¼, ð[]Ý'è, ³, ê, Ü, ·[]B(1, Å, Ìftf@fCf<, Ì, Ý, ð'I' ð, ³, ê, é, Æ'È[]í'È, è1ftf@fCf<, ðftf<fpfX, Å"ü, è, Ü, ·)[]B

OFN\_ALLOWMULTISELECT\_F  
, ðŽw'è, µ, Ä[]A·i[]", Ìftf@fCf<, ð'I' ð, ³, ê, ½[]ê[]þ[]AŠÂ««·i[]", È, Í, » , ê, ¼, ê, Ìftf@fCf<-¼, ð[]A<ó"" , Å<æ[]Ø, ç, ê, Äftf<fpfX, Å"ü, è, Ü, ·[]B

OFN\_ALLOWMULTISELECT , Ü, ½, Í OFN\_ALLOWMULTISELECT\_F  
, ðŽw'è, µ, ½[]ê[]þ[]A32frfbfgfo[]fwfþf", Å, à[]Afxfy[][fX, ðŠÜ, Ü, è, éftf@fCf<-¼, Ì'Z, çftfBf<-¼, Å^ -[] , ³, ê, Ü, ·(·Ô, ³, ê, éftf@fCf<-¼, Éfxfy[][fX, ðŠÜ, Ü, è, é, ±, Æ, Í, , è, Ü, ¹, ñ)[]B, È, "[]Aftf@fCf<, Ì'I' ð[]", ð'½, ·, -, é[]ê[]þ[]AŠÂ««·i[]", ÈŽù, Ü, é"Í'Í, Å[]A'I'ðftf@fCf<, ð[]Ø, èŽÌ, Å, ç, ê, é, ±, Æ, ð, , è, Ü, ·[]B

OFN\_NOCHANGEDIR  
, ðŽw'è, µ, È, -, è, ÌffŒf"fgffBfŒfNfgfŠ, Ìft[]fU[] , ð^Ú" @ , ð[]s, È, Å, ½fhf  
%ofCfu[]ÉfffBfŒfNfgfŠ, È^Ú" @ , ³, ê, ½, Ü, Ü, È, È, è, Ü, ·[]B

OFN\_DIRSELECT , ðŽw'è, ·, é, Æfhf%ofCfu, ÆfffBfŒfNfgfŠ, ÌfEfBf"fhfE, Ì, Ý, ð·\Ž|, ³, ē[]A[OK], ð%oÝ, µ, ½, Æ, «, ÌfffBfŒfNfgfŠ, Ì^È'u, ðfhf%ofCfu-¼, ðŠÜ, ß, ½[]â'ÌfpfX, Å·Ô, µ, Ü, ·[]B, È, "[]Aftf@fCf<f}fXfN, ÌŽw'è, µ, È, ç, Å, , ¾, ¾, ç[]B

^ê[]Ø, Ìftf%ofO, ðŽw'è, µ, È, -, è, ÎŽŸ, Ì, æ, x  
, È[]Ý'è, Æ, È, è[]A'¶[]Ý, ·, éftf@fCf<, Ì, Ý, ð'I' ð, Å, «, Ü, ·[]B

OFN\_HIDEREADONLY+OFN\_PATHMUSTEXIST+OFN\_FILEMUSTEXIST

**-B,è'I**

0

1

%f[f^[, a•s<sup>3</sup>

254

255

íI<sup>-1</sup>

f+[fU[, a'tŽ~, μ, ½, fpf

ŠÂ<<•İ", Ì-Ì^æ, a'«, è, È, ç

fpf%f[f^[, a•s'«

**—á**

GETOPENFILENAME FILENAME

GETOPENFILENAME /T:"f%ofCfg,ì•q',đ'I'đ,μ,Ä,,¾,³,ç" FNAME f%ofCfg(\*.WRI)

GETOPENFILENAME=OFN\_HIDEREADONLY+OFN\_PATHMUSTEXIST FNAME

fhfLf...f[f"fg(\*.DOC,\*.TXT),,.,x,Ä,ìtf@fCf<(\*.\*)

**ŽQ**

DROPPFILEWAIT

INPUTSTRING

**DROFILEWAIT[=f^fCf€fAfEfg•b] ŠĀ<<•İ□"-¼ [fhf□fbfv%oĀ"\,È□Ā'âftf@fCf<□"]**

ftf@fCf<,âfhf□fbfv,³,ê,é,ì,ð'Ò,¿,Ü,·□B

,±

,lfRf}f"fh,ðŽÀ□s,·,é,Æ□Aftf@fCf<f}f□[fWff,È,Ç,©,çftf@fCf<(,Ü,½,ÍfffBfCEfNfgfŠ)  
,â□ACE»□Ý,lfofbf`ŽÀ□sfEfBf"fhfE,Ü,½,lfofbf`"à—e•\ŽlfEfBf"fhfE,È□Afhf  
%ofbf□□•fhf□fbfv,³,ê,é,Ü,Ā"®□i,â'âŽ~,μ,Ü,·□B

fhf□fbfv,³,ê,½ftf@fCf<,â•i□",ì□ê□±ŠĀ<<•İ□",É,lfXfy□[fX,Ā<æ□Ø,ç,ê,Āftf@fCf<-  
¼(<y,ŦfffBfCEfNfgfŠ-¼),â"ü,è,Ü,·□B

fhf□fbfv,³,ê,½,à,ì,â□Aftf@fCf<-¼,©fffBfCEfNfgfŠ-¼,©,ì"»'f,lfofbf`"à,Ā□s,È,κ•K  
—v,â, ,è,Ü,·□Bfhf□fbfv,³,ê,½ftf@fCf<-  
¼,Ü,½,ÍfffBfCEfNfgfŠ,Í'Ê□í,»,è,¼,ê,â,·,x,Āftf<fpfX,É,È,Á,Ā,ç,Ü,·□B

fhf□fbfv%oĀ"\,È□Ā'âftf@fCf<□",lŽw'è,ð□s,È,κ  
,Æ□A,»,lftf@fCf<□",Āfhf□fbfv,³,ê,éftf@fCf<,l"ü—í,â□Ø,èŽì,Ā,ç,ê,Ü,·(,à,κ^è"x,±  
,lfRf}f"fh,ðCEĀ,Ŧ□o,μ,Ā,à'±,«,â"ü—í,³,ê,é,±,Æ,í, ,è,Ü,¹,ñ)□B□Ā'âftf@fCf<□",lŽw'  
è,ð□s,È,í,È, ,è,lfhf□fbfv,³,ê,½,à,ì,·,x,Ā,â(ŠĀ<<•İ□",ì□Ā'â',³,ð',ì,È,ç"í^í,Ā)ŠĀ<<•İ  
□",É□Ý'è,³,ê,Ü,·□B

f^fCf€fAfEfgŽžŠÔ,ðŽw'è,·,é,Æ□AŽw'è,ì•b□",âCEo  
%oß,μ,Ā,à'ð,â□s,È,í,ê,È,©,Ā,½□ê□±Ž©"®"l,ÉfRf}f"fh,â□l—¹,μ,Ü,·□B,±,ì,Æ,«-  
ß,è'l(ERRORLEVEL)  
,í0,É,È,è□ĀŠĀ<<•İ□",í<ó,É,È,è,Ü,·(□í□œ,³,ê,Ü,·)□Bf^fCf€fAfEfgŽžŠÔ,í1□`60000•  
b,Ü,ĀŽw'è,Ā,«,Ü,·□B

**-ß,è'l**

0  
1 □`  
254  
255

f^fCf€fAfEfgŽžŠÔ, âCEo%ß, μ, ½  
fhf□fbfv,μ,½ftf@fCf<□"  
ŠĀ<<•İ□",İ-İ^æ,â•s'«  
fpf%□□[f^□[,â•s'«

**—á**

DROFILEWAIT DNAME  
DROFILEWAIT=60 DROPNAME 1

**ŽQ□l**

GETOPENFILENAME

**CHOOSECOLOR[=ftf%ofO] [/T[:]"f^fcfgf<"] [/WP[:][fEfCf"fhfE%oi^Ê'u],  
[c^Ê'u]] □Ô,İŠĂ«•İ□" —İ,İŠĂ«•İ□" □Ă,İŠĂ«•İ□"**

fRf,f"f\_fCfAf□□Of{fbfNfX,đŽg—p,μ,Ă□F,İ'l'đ,đ□s,È,ç,Ü,·□BŽŸ,İ,æ,ı,  
ÈĈÈ`Ž® ,İfEfBf"fhfE,Ă,·□B



ŠĂ«•İ□",É,İ'l'đ,μ,½□F,İ,»,ê,¼,ê,İ"x□#,ç,²0□` 255,İ□"'l,Ă"ü,è,Ü,·□B□³□í□l—  
¹,μ,È,©,Ă,½□ê□#(ft□[fU□[ ,É,æ,éLf"fff" fZf<)  
,·,ı,x,Ă,İŠĂ«•İ□",İ,ó,È,È,è,Ü,·(□í□œ,³,ê,Ü,·)□B

/T,Ă,İf^fcfgf<,É,İfEfBf"fhfE,İf^fcfgf<,đŽw'è,μ,Ü,·□B/T:"Window Title" ,İ,æ,ı,  
,Éf^fcfgf<,đ "" ,Ă^İ,Ă,ĂŽw'è,μ,Ă,-  
,¾,¾,ç□BŽw'è,²,È,·,ê,İ□u□F,İ□Ÿ'è□v,af^fcfgf<,É,È,è,Ü,·□B

/WP,É'±,·,Ă%oi^Ê'u,Æ□c^Ê'u,đŽw'è,·,é,Æ□AfEfBf"fhfE,İ^Ê'u,đ•İ□X,·,éŽ—  
,²,Ă,«,Ü,·□B/WP:100,200 ,İ,æ,ı,É□A/WP,É'±,·,Ă%oi,Æ□c,İ^Ê'u,İ□Ă•W,đfjf"f}(',')  
,Ă<æ□Ø,Ă,ĂŽw'è,μ,Ă,¾,¾,ç(ŠŌ,ÉfXfy□[fX"™ ,İ"ü,ê,È,ç,Ă,-  
,¾,¾,ç)□Bf}fCfifX,İ'l,đŽw'è,·,é,Æ□AfEfBf"fhfE,İ%oE  
%oº,đ<N" ,Æ,μ,½fffXfNfgfbfv,İ%oE%oº,©,ç,İ□Ă•WŽw'è,Æ,È,è,Ü,·□B%o  
i,Ü,½,İ□c,İ,ç,ı,ç,©^ê•ú,¾,¾,·,đŽw'è,·,é,Æ□A—  
¼•ú"·,İ'l,Æ,μ,ĂĈÈvŽŽ,³,ê,Ü,·□BŽw'è,²,È,·,ê,İfffXfNfgfbfv,İ'+%o>,É•\Žİ,³,ê,Ü,·□B

ftf%ofO,İ"®□i"à—e,đŽw'è,μ,Ü,·□B•K—v,É, ,İ,¹,Ă^È%oº,İ□"'l,đ□Ÿ'è,μ,Ă,-  
,¾,¾,ç□B('è`•İŽš—ñ,đŽg—p,·,é□ê□#,İ'ă•İŽš,ĂŽw'è,μ,Ă,¾,¾,ç)□B

<□"'l> <'è<`•İŽš—ñ>  
0x0001 CC\_RGBINIT

<"®□i"à—e>

Žw'è, ³, ê, ½ŠÂ««•İ□", É"ü, Á, Ä, ç, ½□" 'l, ð□Å□%, ì'I'ðŽ^, Æ, μ, Ü, ·□B  
0x0002 CC\_FULLOPEN fJfXf^f€fJf  
%□[(□F, ì□î□¬), ì•"•ª, ðŽn, ß, ©, ç•\Ž|, μ, Ü, ·□B  
0x0004 CC\_PREVENTFULLOPEN fJfXf^f€fJf  
%□[(□F, ì□î□¬) f{f^f", ðŽg-p•s%Â"\, É, μ, Ü, ·□B

**-ß,è'l**

0	□³□í□I-1
1	f+□[fU□[,ª'+Ž~,μ,½
254	ŠÂ««•İ□", ì-ì^æ,ª'«,è,È,ç
255	fpf%□□[f^□[,ª•s'«

**—á**

CHOOSECOLOR=CC\_RGBINIT /T:"□F,ð'I'ð,μ,Ä,,¾,³,ç" ENV\_R ENV\_G ENV\_B  
CHOOSECOLOR=CC\_RGBINIT+CC\_FULLOPEN /WP:100,120 RED GREEN BLUE



**EXITWINDOWS  
RESTARTWINDOWS  
REBOOTSYSYSTEM**

**EXITWINDOWSEXEC ŽÀ sftf@fCf< [ŽÀ sftf@fCf<,lfpf%of[f^[]**

Windows,ì[]—<sup>1</sup>,â[]Ä<N“ @[]AfVfXfef€  
.lfŠfu[]f[]g[]A[]Ä<N“ @Žž,ÆDOSfRf}f“fh,ìŽÀ[]s,ð[]s,È,ç,Ü,·[]B

32frfbfgfo[]fWf#f“,Å,í,©,È,è,ì[]§-ñ,<sup>a</sup>, ,è,Ü,·[]B32frfbfgfo[]fWf#f“,Å16frfbfgfo[]fWf#f“,Æ“““™,ì<@“\,ðŽÀÆ»,μ,½,ç[]ê[]#,í[]A•ÊfA[]f[]f[]Cfu,ì(WBEXIT16,ð—  
p^Ó,μ,Ä,,<sup>3/4,3</sup>,ç[]B

**EXITWINDOWS**

Windows,ð[]I—<sup>1</sup>,μ,Ü,·[]B<sup>3</sup>í,É[]I—<sup>1</sup>,μ,½[]ê[]#,É,Ífofbf` ,É-ß,Á,Ä,«,Ü,<sup>1</sup>,ñ[]B

,È,“[]A32frfbfgfo[]fWf#f“[]ã,Å[]Af\ftfgfEfffA,É,æ,é“dÆ<sup>1</sup>[]§Æä,afTf[]f[]g,<sup>3</sup>,è,Ä,ç  
,é[]ê[]#[]A“EXITWINDWS 9,0” ,Æfpf%of[]f^,ð•t,¯,ÄfRf}f“fh,ðŽÀ[]s,·,é,±  
,Æ,É,æ,è[]AWindows[]I—<sup>1</sup>Æã[]A“dÆ<sup>1</sup>,ð[]Ø’f,·,é,±  
,Æ,à,Ä,«,Ü,·[]B,<sup>1/2,3/4</sup>,μ[]AŠÄ<<,É,æ,Á,Ä,í[]Afpf%of[]f^,ð•t,¯,é,ÆWindows,ð[]I—  
<sup>1</sup>,Ä,«,È,ç[]ê[]#,â[]Afpf%of[]f^,ð•t,¯,È,,Ä,à“dÆ<sup>1</sup>,ð[]Ø’f,<sup>3</sup>,è,é[]ê[]#,<sup>a</sup>, ,é,æ,κ  
,Ä,·,ì,Ä,<sup>2</sup>^Ó,ðŠè,ç,Ü,·[]B

**-ß,è’l**  
1 []I—<sup>1</sup>, Å,«, È, ç

**—á**  
EXITWINDOWS  
EXITWINDOWS 9,0

**RESTARTWINDOWS**

16frfbfgfo[]fWf#f“,Å,íWindows,ð[]Ä<N“ @,μ,Ü,·[]B32frfbfgfo[]fWf#f“,Å,Íf[]f[]Ofift,ð  
[]s,È,ç,Ü,·(Windows95,Å,Ífvf[]fZfX,ì[]I—<sup>1</sup>,<sup>a</sup>[]s,È,í,è,È,ç  
,ì,Æ[]AŽŸ,É<N“ @,μ,<sup>1/2</sup>,Æ,«,ÉfXf^[]f[]g[]f[]Afbfv,<sup>a</sup>ŽÀ[]s,<sup>3</sup>,è,È,ç,È,Ç-â’è,<sup>a</sup><sup>1/2</sup>,ç,<sup>1/2</sup>,ßŽg  
—p,μ,È,ç,Ä,,<sup>3/4,3</sup>,ç)[]B<sup>3</sup>í,É[]Ä<N“ @,Ü,<sup>1/2</sup>,Íf[]f[]Ofift,<sup>a</sup>,Ä,«,½[]ê[]#,É,Ífofbf` ,É-  
ß,Á,Ä,«,Ü,<sup>1</sup>,ñ[]B

**-ß,è’l**  
1 []I—<sup>1</sup>, Å,«, È, ç

**—á**  
RESTARTWINDOWS

## REBOOTSYSTEM

Windows,đ□I—<sup>1</sup>,μfVfXfef€(f}fVf“)  
,đ□Ä<N“® ,μ,Ü,·□B□<sup>3</sup>□í,É□Ä<N“® ,Å,«,½□ê□‡,É,Ífofbf` ,É,àWindows,É,à-  
ß,Á,Ä,«,Ü,<sup>1</sup>,ñ□B  
,È,“□Af}fVf“ŠÄ<«,É,æ,Á,Ä,í□<sup>3</sup>□í,É“® □ì,μ,È,¢%oÂ“\□«,ª, ,è,Ü,·□B

-ß,è'I

1

□I—<sup>1</sup> ,Å,«,É,¢

—á

REBOOTSYSTEM

## EXITWINDOWSEXEC ŽÄ□sftf@fCf< [ŽÄ□sftf@fCf<,ìpf%of□□[f^□□]

Windows,đ^è'U□I—  
<sup>1</sup>,μ□ADOS,ìŽÄ□sftf@fCf<,đŽÄ□sCEã□A□Ä“xWindows,đ<N“® ,μ,Ü,·□B□<sup>3</sup>□í,É<N“® ,Å  
,«,½□ê□‡,É,Ífofbf` ,É-ß,Á,Ä,«,Ü,<sup>1</sup>,ñ□B  
ŽÄ□sftf@fCf<,Íftf<fpfX,ÅŠg'£Žq,đŠÜ,ß,ÄŽw'è,μ,Ä,-  
,¾,<sup>3</sup>,¢□B,É,“□Afofbf`ftf@fCf<,đ'¼□ÚŽÄ□s,·,é,±  
,Æ,í,Ä,«,Ü,<sup>1</sup>,ñ,ì,ÅCOMMAND.COM□Eo—R,Å<N“® ,·,é•K—v,ª, ,è,Ü,·(—á:C:\  
COMMAND.COM /C C:\BAT\SETUP.BAT)□B  
32frfbfgfo□[fWf‡f“,Å,íŽg—p,Å,«,Ü,<sup>1</sup>,ñ□B

-ß,è'I

1

□I—<sup>1</sup> ,Å,«,É,¢

—á

EXITWINDOWSEXEC C:\DOS\CHKDSK.EXE C:

ŽQ□I

SUSPENDSYSTEM

## SUSPENDSYSTEM

fRf"fsf...[]f^,ðfTfXfyf"fhf,[]fh,É,μ,Ü,·[]B

32frfbfgfo[]fWf#f",ðWindows95[]ã,Å<N"®,μ,Ä,ç,é,Æ,«,ì,Ý"®[]ì%oÅ"\  
,Å,·[]B,»,ê^ÊŠO,ì[]ê[]#,íTfXfyf"f,É,Í,È,ç, ERRORLEVEL,ÉfGf  
%o[][,ðŽ!,·!,"a•Ô,è,Ü,·[]B,È,"[]Af}fVf",âŠÅ<<,É,æ,Á,Ä,íWindows95[]ã,Å,à"®[]ì,μ,È  
,ç,±,Æ,"a, ,è,Ü,·[]B

fTfXfyf"fhf,[]fh,É"ü,Á,½[]ê[]#,ífofbf` ,à'âŽ~,μ[]AfTfXfyf"fhf,[]fh,ð"², -,½,Æ,«,Éfo  
fbf` ,ÍSUSPENDSYSTEM,ìŽŸ,ì[]s,©,ç•œ<A,μ,Ü,·[]B

[]fTfXfyf"f,ì'[]^ÓŽ-[]€,ÉŠÖ,μ,Ä,íWindows,ìf}fjf...fAf<,âfwf<fv,È,Ç,ð,²ŽQ[]Æ,-  
,¾,¾,ç[]B

-ß,è'l

0  
1  
[]fg,¾,ê,Ä,ç,È,ç  
255

[]³[]í[]I-¹  
fTfXfyf"f,â<' "Û,¾,ê,½, fTf|

fGf%[][

—á

SUSPENDSYSTEM

ŽQ[]l

EXITWINDOWS

## GETINISTRING fzfNfVf+f" -¼ fGf"fgfŠ-¼ ŠÂ««•İ" -¼ INIftf@fCf<-¼

INIftf@fCf<,İŽw'è,³,ê,½fzfNfVf+f",İfGf"fgfŠ,İ•ŦŽš—  
ň,đŽæ"¾,µŠÂ««•İ",É'ã"ü,đs,È,ç,Ü,·B

'ÊízfNfVf+f",ÆfGf"fgfŠ,ÍŽŸ,ì,æ,α,É,È,Á,Ä,ç,Ü,·B

[section]  
entry=string

Žw'è,³,ê,½fzfNfVf+f",ÆfGf"fgfŠ,ªŒ©,Â,©,ç,È,ç,Æ,«,âstring,É•ŦŽš—  
ň,ªŦŸ'è,³,ê,Ä,È,çê#ASÂ««•İ",Íó,É,È,è,Ü,·(íœ,³,ê,Ü,·)B

fzfNfVf+f",ÆfGf"fgfŠ,Í'â•ŦŽš,ÆŦ-•ŦŽš,ªœ•É,³,ê,Ü,¹,ňBINIftf@fCf<,đftf<fpfX,  
ÅŽw'è,µ,È,¯,ê,İAWINDOWS,İffBfçfNfGfŠ,©,çŒŸđ,ªs,É,í,ê,Ü,·B

-ß,è'I

0

³íI-¹

1

Žw'è,İfzfNfVf+f",ÆfGf"fgfŠ,ªŒ©,Â,©,ç,È,ç,  
fGf"fgfŠ,É•ŦŽš-ň,ªŦŸ'è,³,ê,Ä,ç

,È,ç

254

ŠÂ««•İ",Ì-Ì^æ,ª'« ,è,È,ç

255

fpf%ff[f^[,ª's'«

—á

GETINISTRING windows run ENV win.ini

ŽQI

WRITEINISTRING, SETINISTRING

**WRITEINISTRING fzfnfvfjf"-¼ fgf"fgfš-¼ "Ÿ'è•Źš—ñ" INlftf@fCf<-  
¼**

**SETINISTRING fzfnfvfjf"-¼ fgf"fgfš-¼ "Ÿ'è•Źš—ñ" INlftf@fCf<-¼**

INlftf@fCf<,lžw'è,<sup>3</sup>,ê,½fzfnfvfjf",lfGf"fgfš,É•Źš—ñ,đŸ'è,μ,Û,·□B

'Ê□íZfNfVfjf" ,ÆfGf"fgfš,ÍŽŸ,ì,æ,α,É,È,Á,Ä,ç,Û,·□B

[section]  
entry=string

Žw'è,<sup>3</sup>,ê,½fzfnfvfjf" ,ÆfGf"fgfš,<sup>a</sup>,·,Å,É'ŸŸ,·,ê,Î'u,«Š·,|,<sup>a</sup>□s,È,í,ê□ACE©,Â,©,ç,È,  
·,ê,Î□V,½,É□□□,·<sup>a</sup>□s,È,í,ê,Û,·□B

fzfnfvfjf" ,ÆfGf"fgfš,Í'â•Źš,Æ□□•Źš,<sup>a</sup><æ•É,<sup>3</sup>,ê,Û,<sup>1</sup>,ñ□B  
INlftf@fCf<,đftf<fpfX,ÅŽw'è,μ,È,·,ê,Î□AWINDOWS,İfffBfCefNfgfš(ftfHf<f\_)  
,©,çCEŸ□ö,<sup>a</sup>□s,È,í,ê,Û,·□B,Û,½ftf@fCf<,<sup>a</sup>ŸŸ,μ,È,·,ê,Î□□□,·<sup>a</sup>□s,È,í,ê,Û,·□B

Ÿ'è•Źš—ñ,đ ""  
,É,·,é,Æ□A,»,lfGf"fgfš,<sup>a</sup>í□œ,<sup>3</sup>,ê,Û,·□B,Û,½fGf"fgfš,ÆŸ'è•Źš—ñ,ì—¼•û,đ ""  
,É,·,é,Æ□Afzfnfvfjf" ,<sup>a</sup>í□œ,<sup>3</sup>,ê,Û,·□B

**-ß,è'l**  
0 □<sup>3</sup>□í□I-<sup>1</sup>  
1 fGf%□[  
255 fpf%□□[ f^□[ ,<sup>a</sup>•s'«

**—á**  
WRITEINISTRING windows run winclock.exe win.ini  
WRITEINISTRING windows run "" win.ini  
WRITEINISTRING windows "" "" win.ini

**ŽQ□l**  
GETINISTRING

**GETREGSTRING[=ftf%ofO] [/N] [R:f<[] [fgfL[][-¼] [T:f^fCfv] [/E] "fL[][-¼" ŠĀ<<•İ" -¼**

fĈfWfXfgfŠff[] [f^ ,đŽæ“¾,μ,Ü, ·B

32frfbfgfo[] [fWf#f“ ,Ā,í^È%oo°,ìfifvfVf#f“ ,ăŽw’è,Ā,«,Ü,·(fifvfVf#f“ <y,Ñ•ŦŽš—  
ň,ĀfifvfVf#f“ ,ìSŌ,íXfy[] [fX,đ<ó, ,Ā,-  
,¾,¾,ĉ)[] B16frfbfgfo[] [fWf#f“ ,Ā,ìfifvfVf#f“ ,đŽw’è,μ,Ā,à-Ž<,¾,ê,Ü, ·B

/N ftf%ofO,É RIGHT ,đŽw’è,μ,½,Ā,«[] ĀĈă, ÌfL[] [ ,đfL[] [“à, Ì-  
¼’OŽw’è,Ā,Ý,È,μ,Ü, ·B  
/R f<[] [fg, ÌfL[] [-¼, đŽw’è,μ,Ü, ·B  
/T f[] [f^ , Ìf^fCfv, đŽw’è,μ,Ü, ·B  
/E Žw’èfL[] [ , Ì”z%o, Ì’SfTfufL[] [ , đ•\Ž! , , , é[] B

fL[] [-¼,É—á,!,ìfefLfXfgftf@fCf<,Ā, ,ê,î ".TXT"  
,đŽw’è,·,é,Ā[] A,»,ìftf@fCf<,ÉŠŌ~A•t, ,ă[] s,È,í,ê,Ā,ĉ,éfRf}f“fh-  
¼,đŠĀ<<•İ" ,É’ă“ü,μ,Ü, ·B

ŠŌ~A•t, ,ìŽæ“¾,í \fL[] [-¼\shell\open\command  
,©,ĉ[] s,È,í,ê,Ü, ·B(•;ŽG,ÉĈ©,!,Ü,·,ăftf@fCf<f}f[] [fWff,ĀŠŌ~A•t, ,đ[] s,È,ġ  
,ĀŽ©“@“! ,É,±,ì!,É,È,è,Ü,·)[] B  
ftf%ofO,É **RIGHT** ,đŽw’è,·,é,ìŽ©—R,ÈfL[] [-¼,đŽw’è,Ā,«,Ü,·B,±,ì[] ê[] #fL[] [-  
¼,Ö,ì \shell\open\command ,!‘Ĉ%oĀ,í[] s,È,í,ê,Ü,¹,ň,ì,Ā[] AfL[] [-  
¼,đftf<fpfX,ĀŽw’è,μ,Ā,,¾,¾,ĉ)[] B

ŠŌ~A•t, ,ă[] s,È,í,ê,Ā,ĉ,È,ĉ[] ê[] #[] ĀŠĀ<<•İ" ,!<ó,É,È,è,Ü,·([] í[] œ,¾,ê,Ü,·)[] B

/N,đŽw’è,·,é,Ā[] A—á,!,ìfL[] [-¼,đ "Software\comp\proj\soft\name"  
,Ā,μ,½[] ê[] #[] Ā[] ĀĈă,ì "name" ,đfL[] [“à, Ì-¼’O,Ā,μ,Ā[] ^—  
[],μ,Ü,·BŽw’è,μ,È, ,ê,ì[] A"name" ,ìfL[] [-¼,Ā,μ,Ā[] ^—  
[],μ,Ü,·(16frfbfgfo[] [fWf#f“ ,Ā,ìfL[] [“à, Ì-¼’O,í[] Ŧ[] Y,μ,È,ĉ,½,ß,±  
,ìfifvfVf#f“ ,đ•t, ,Ā,à-Ž<,¾,ê,Ü,·)[] B,±,ìŽw’è,đ,·,é[] ê[] #,ìftf%ofO,É **RIGHT**  
,đŽw’è,μ,Ā,,¾,¾,ĉ)[] B  
fL[] [-¼,Ā-¼’O,ì^á,ĉ,ì[] A32frfbfg,ìWindows,Ā,ìfL[] [“à,É,¾,ĉ,É-  
¼’O,đ•t, ,Ā’!,đ•Ü’Ŧ,Ā,«,Ü,·BfL[] [“à,Ā-¼’O,ă•t,ĉ,½’!,ì-¼’O, ,è(/N, ,è)  
,ĀfAfNfZfX,μ,Ü,·B<t,É16frfbfg,ìWindows,Ā“ ,Ŧ—!,ÉfL[] [“à,É-  
¼’O,đ•t, , ,É•Ü’Ŧ,¾,ê,½ff[] [f^ ,É,ì[] A-¼’O,È,μ(/N,È,μ)  
,ĀfAfNfZfX,μ,Ü,·B32frfbfg,ìWindows,É•t’@,μ,Ā,ĉ  
,éfĈfWfXfgfŠfGffBf^ ,ĀĈ©,½,Ā,«,É[] A•W[] €,Ā,ĉ,ġ[] €-Ú,ĀŽ!,¾,ê,é,ì,ă,»,ê,Ā, ·B

/R,đŽw’è,·,é,Āf<[] [fgfL[] [ ,ìŽw’è,đ[] s,È,!,Ü,·Bf<[] [fgfL[] [ ,É,í  
HKEY\_CLASSES\_ROOT, HKEY\_CURRENT\_USER, HKEY\_LOCAL\_MACHINE,  
HKEY\_USERS, HKEY\_PERFORMANCE\_DATA, HKEY\_CURRENT\_CONFIG,  
HKEY\_DYN\_DATA ,! ,ĉ, , ,ê,©,đŽw’è,μ,Ü,·Bf<[] [fgfL[] [ ,ìŽw’è,í’ă•ŦŽš,Ā

"/R:HKEY\_CURRENT\_USER", Ì—l,É□s,È,Á,Ä,-  
,¾,³,ç□BŽw'è,ª,È,¯,ê,î□AHKEY\_CLASSES\_ROOT,Å□^—  
□,³,ê,Û,·□B16frfbfgfo□[fWf#f",Ä,Í HKEY\_CLASSES\_ROOT ,µ,©'¶□Ý,µ,È,ç  
,½,ß□A,±,ìfìfvfVf#f",ðŽw'è,µ,Ä,à-³Ž<,³,ê,Û,·□B

/T,ðŽw'è,·,é,Æff□[f^,ìf^fCfv,ðŽw'è,Å,«,Û,·□Bf^fCfv,É,Í REG\_SZ(•¶Žš—ñ)  
,Û,½,Í REG\_DWORD(32frfbfg,ì□''l)□AREG\_BINARY(fofCfifŠff□[f^)  
,ðŽw'è,Å,«,Û,·□Bf^fCfv,ìŽw'è,í'â•¶Žš,Å "/T:REG\_DWORD", Ì—l,É□s,È,Á,Ä,-  
,¾,³,ç□BŽw'è,ª,È,¯,ê,î□AREG\_SZ ,Å□^—□,µ,Û,·□BREG\_DWORD(32frfbfg,ì□''l)  
,ì32frfbfg,ì'l,ð10□i□",ÅŽæ"¾,µ,Û,·□BREG\_BINARY(fofCfifŠff□[f^)  
,í1fofCfg'P^È,Å□Å'â128fofCfg,Û,Å,ìff□[f^,ðff" f}  
,Å<æ□Ø,Á,Ä16□i□",ÅŽæ"¾,µ,Û,·□B16frfbfgfo□[fWf#f",Å,Í REG\_SZ  
,µ,©'¶□Ý,µ,È,ç,½,ß□A,±,ìfìfvfVf#f",ðŽw'è,µ,Ä,à-³Ž<,³,ê,Û,·□B

/E,ðŽw'è,·,é,Æ□AŽw'èfL□[,ì,·,®%oo,ìfTfufL□[(fL□[-¼,ì,Ý),ð,·,×,ÄfL□[-¼-^,É  
%ooü□s,µ,Ä•Ž!,µ,Û,·□BfTfufL□[,ì%oo,É,³,ç,ÉfL□[-¼,ªŠÛ,Û,ê,Ä,ç,Ä,à,»,ê,í•\  
Ž!,³,ê,Û,¹,ñ□B•Ž!,³,ê,é,ì,ìfL□[-¼,ì,Ý,Å□A•Ž!,ì□Û,Éf□[fg,í□s,È,í,ê,Û,¹,ñ□B/E  
,ðŽw'è,µ,½□ê□#□AŠA<<•í□"-¼,ìŽw'è,í•s—v,Ä,·(Žw'è,µ,Ä,à-³Ž<,³,ê,Û,·)□B

,È, "□AGETREGSTRING ,ìfÇfWfXfgfŠftf@fCf<,©,ç,ìŽæ"¾,ì,Ý,ð□s,È,ç□AWIN.INI ,ì  
Extensions fZfNfVf#f",©,ç,ìŽæ"¾,È,ç,ì□s,È,ç,Û,¹,ñ□B

**-ß,è'!**

0	□³□í□I-¹
1	fL□[ ,ªÆ©,Ä,©,ç,È,ç
2	fGf%□[ , (/NŽw'èŽŽ)fL□["à,ì-

¼'0,ªÆ©,Ä,©,ç,È,ç  
255 fpf%□□[f^□[ ,ª•s'«

**—á**

GETREGSTRING ".TXT" ENVNAME  
GETREGSTRING=RIGHT ".TXT\shell\open\print" ENVNAME  
GETREGSTRING=RIGHT /N /R:HKEY\_CURRENT\_USER "Software\Microsoft\  
Plus!\Pinball\SpaceCadet\0.Name" ENVNAME  
GETREGSTRING=RIGHT /N /R:HKEY\_CURRENT\_USER /T:REG\_DWORD  
"Software\Microsoft\Plus!\Pinball\SpaceCadet\Table Version" ENVNAME  
GETREGSTRING=RIGHT /N /R:HKEY\_CURRENT\_USER /T:REG\_BINARY "Control  
Panel\desktop\SmoothScroll" ENVNAME  
GETREGSTRING=RIGHT /E LISENCES

**ŽQ□!**

SETREGSTRING  
GETINISTRING

**SETREGSTRING[=ftf%ofO] [/N] [/R:f<[]fjgfl[][-¼] [/T:f^fCfv] "fL[][-¼]"**  
**"[]Ý'è•[]Žš—ñ"**

fCfWfXfgfŠff[]f^,ð[]Ý'è,μ,Ü,·[]B

32frfbfgfo[]fWf#f",Á,í^È%oo,lfjfvfVf#f",aŽw'è,Á,«,Ü,·(fjfvfVf#f"<y,Ñ•[]Žš—  
ñ,ÆfjfvfVf#f",ìSÖ,ífXfy[]fX,ð<ó,~,Ä,-  
,¾,¾,ç)[]B16frfbfgfo[]fWf#f",Á,ífjfvfVf#f",ðŽw'è,μ,Ä,à-¾Ž<,¾,è,Ü,·[]B

/N ftf%ofO,É RIGHT ,ðŽw'è,μ,½,Æ,«[]ÅĀă,ÌfL[][,ðfL[]["à,Ì-  
¼'0Žw'è,Æ,Ý,È,μ,Ü,·[]B  
/R f<[]fjg,ÌfL[][-¼,ðŽw'è,μ,Ü,·[]B  
/T ff[]f^,Ìf^fCfv,ðŽw'è,μ,Ü,·[]B

fL[][-¼,É—á,!,ífefLfXfgftf@fCf<,Á, ,ê,î ".TXT"  
,ðŽw'è,·,é,Æ[]A,»,lftf@fCf<,ìSÖ~A•t,~,É[]Ý'è•[]Žš—ñ,ð[]Ý'è,μ,Ü,·[]B[]Ý'è•[]Žš—  
ñ,É,í•K—v,Á, ,ê,ífpf%of[]f^[][,ìŽw'è(%%1),àŠÜ,ß,Ä,,¾,¾,ç[]B

ŠÖ~A•t,~,ìŽæ"¾,í \fL[][-¼\shell\open\command ,É[]s,È,ç  
,Ü,·[]B(•;ŽG,ÉĀ©,!,Ü,·,³ftf@fCf<f}f[]fWff,ÁŠÖ~A•t,~,ð[]s,È,α,ÆŽ©"®"l,É,±  
,!l,É,È,è,Ü,·)[]B  
ftf%ofO,É **RIGHT** ,ðŽw'è,·,ê,ÌŽ©—R,ÈfL[][-¼,ðŽw'è,Á,«,Ü,·[]B,±,ì[]ê[]#fL[][-  
¼,Ö,ì \shell\open\command ,!Ç%oÁ,í[]s,É,í,è,Ü,¹,ñ,ì,Ä[]AfL[][-  
¼,ðftf<fpfX,ÁŽw'è,μ,Ä,,¾,¾,ç[]B

[]Ý'è•[]Žš,ìŽw'è,ð[]s,È,í,È,~,ê,î[]AfL[][,Ü,½,ífL[]["à,Ì-¼'O,ð[]í[]œ,μ,Ü,·[]B  
ftf%ofO,É **RIGHT** ,ð•t,~,È,~,ê,î[]A\shell\command ,ífL[][,¾,~,Ä,í,È,-  
[]AŽw'è,ífL[][,ÁŽn,Ü,éfcfS[][,ª,·,×,Ä[]í[]œ,¾,è,Ü,·[]Bftf%ofO,É **RIGHT**  
,ðŽw'è,μ,Ä[]AfL[][-¼,Ä[]í[]œ,ð[]s,È,α,Æ,«[]A,»,ì  
%oo,ÉfL[][,ª"[]Ý,·,ê,î,»,ê,ç,à,·,×,Ä[]í[]œ,¾,è,Ü,·[]B  
WindowsNT ,Á,íftf%ofO,É **RIGHT** ,ðŽw'è,μ,½[]ê[]#[]AfL[][,ì  
%oo,É,¾,ç,ÉfL[][,ª"[]Ý,·,é,Æ[]í[]œ,ª[]s,È,í,è,Ü,¹,ñ(ftf%ofO,É **RIGHT**  
,ðŽw'è,μ,È,~,ê,î,»,ì%oo,ífL[][,à,·,×,Ä[]í[]œ,¾,è,Ü,·)[]B

/N,ðŽw'è,·,é,Æ[]A—á,!,ífL[][-¼,ð "Software\comp\proj\soft\name"  
,Æ,μ,½[]ê[]#[]A[]ĀĀă,ì "name" ,ðfL[]["à,Ì-¼'O,Æ,μ,Ä[]^—  
[],μ,Ü,·[]BŽw'è,μ,È,~,ê,î[]A"name" ,ífL[][-¼,Æ,μ,Ä[]^—  
[],μ,Ü,·(16frfbfgfo[]fWf#f",Á,ífL[]["à,Ì-¼'O,í"[]Ý,μ,È,ç,½,ß,±  
,lfjfvfVf#f",ð•t,~,Ä,à-¾Ž<,¾,è,Ü,·)[]B,±,ìŽw'è,ð,·,é[]ê[]#ftf%ofO,É **RIGHT**  
,ðŽw'è,μ,Ä,,¾,¾,ç[]B  
fL[][-¼,Æ-¼'O,ì^á,ç,í[]A32frfbfg,ìWindows,Á,ífL[]["à,É,¾,ç,É-  
¼'O,ð•t,~,Ä'l,ð•Ü'[],Á,«,Ü,·[]BfL[]["à,Á-¼'O,ª•t,ç,½'l,í-¼'O, ,è(/N, ,è)  
,ÄfAfNfZfX,μ,Ü,·[]B<t,É16frfbfg,ìWindows,Æ"~,[]—l,ÉfL[]["à,É-  
¼'O,ð•t,~,·,É•Ü'[],¾,è,½ff[]f^,É,í[]A-¼'O,È,μ(/N,È,μ)  
,ÄfAfNfZfX,μ,Ü,·[]B32frfbfg,ìWindows,É•t'®,μ,Ä,ç



,éfƒWfXfgfŠfGfffBf^,Åƒ©,½,Æ,«,É□A•W□€,Æ,¢,¤□€-Ú,ÅŽ!,³,ê,é,ì,ª,»,ê,Å,·□B

/R,ðŽw'è,·,é,Æf<□[fgfL□[,ìŽw'è,ð□s,È,!,Ü,·□Bf<□[fgfL□[,É,í  
HKEY\_CLASSES\_ROOT, HKEY\_CURRENT\_USER, HKEY\_LOCAL\_MACHINE,  
HKEY\_PERFORMANCE\_DATA, HKEY\_CURRENT\_CONFIG, HKEY\_DYN\_DATA ,ì,¢  
,,ê,©,ðŽw'è,μ,Ü,·(HKEY\_USERS,íŽg—p,μ,È,¢,Å,-  
,¾,¾,¢)□Bf<□[fgfL□[,ìŽw'è,í'â•¶Žš,Å "/R:HKEY\_CURRENT\_USER" ,ì—l,É□s,È,Á,Ä,-  
,¾,¾,¢□BŽw'è,ª,È,-,ê,î□AHKEY\_CLASSES\_ROOT ,Å□^—  
□,¾,ê,Ü,·□B16frfbfgfo□[fWf†f“ ,Å,í HKEY\_CLASSES\_ROOT ,μ,©'¶□Ý,μ,È,¢  
,½,β□A,±,ìfìfvfVf†f“ ,ðŽw'è,μ,Ä,à-³Ž<,³,ê,Ü,·□B

/T,ðŽw'è,·,é,Æff□[f^,ìf^fCfv,ðŽw'è,Å,«,Ü,·□Bf^fCfv,É,í REG\_SZ(•¶Žš—ñ)  
,Ü,½,í REG\_DWORD(32frfbfg'l),ðŽw'è,Å,«,Ü,·□Bf^fCfv,ìŽw'è,í'â•¶Žš,Å  
"/T:REG\_DWORD" ,ì—l,É□s,È,Á,Ä,,¾,¾,¢□BŽw'è,ª,È,-,ê,î□AREG\_SZ ,Å□^—  
□,μ,Ü,·□BREG\_DWORD(32frfbfg,ì□''l)  
,ì32frfbfg,ì'l,ð10□i□''™ ,ÅŽw'è,μ,Ü,·(□''l,ìŽw'è•û-  
@)□BREG\_BINARY(fofCfifŠff□[f^)  
,í1fofCfg'P^Ê,Å□Á'â128fofCfg,Ü,Å,ìff□[f^,ðff“f}  
,Ü,½,ìfXfy□[fX,Å<æ□Ø,Å,Å16□i□'' ,ÅŽw'è,μ,Ü,·□B16frfbfgfo□[fWf†f“ ,Å,í REG\_SZ  
,μ,©'¶□Ý,μ,È,¢,½,β□A,±,ìfìfvfVf†f“ ,ðŽw'è,μ,Ä,à-³Ž<,³,ê,Ü,·□B

,È,“□ASETREGSTRING ,ìfƒWfXfgfŠftf@fCf<,Ö,ì□Ý'è,ì,Ý,ð□s,È,¢□AWIN.INI ,ì  
Extensions fzfnfVf†f“ ,Ö,ì□Ý'è,È,Ç,ì□s,È,¢,Ü,¹,ñ□B

**-β,è'l**  
0 □³□í□I-¹  
1 fL□[,ªƒ©,Å,©,ç,È,¢(□ì□-,Å,«,È,¢)  
2 fGf%□[, (/NŽw'èŽž)fL□[“à,ì-  
¼'0,ªƒ©,Å,©,ç,È,¢(□ì□-,Å,«,È,¢)  
255 fpf%□□[f^□[,ª•s'«

**—á**  
SETREGSTRING ".TXT" "NOTEPAD.EXE %%1"  
SETREGSTRING ".TXT"  
SETREGSTRING=RIGHT ".TXT\shell" "NOTEPAD.EXE /p %  
%1"SETREGSTRING=RIGHT /N /R:HKEY\_CURRENT\_USER "Software\Microsoft\  
Plus!\Pinball\SpaceCadet\0.Score" "1000000"  
SETREGSTRING=RIGHT /N /R:HKEY\_CURRENT\_USER /T:REG\_DWORD  
"Software\Microsoft\Plus!\Pinball\SpaceCadet\Table Version" 123  
GETREGSTRING=RIGHT /N /R:HKEY\_LOCAL\_MACHINE /T:REG\_BINARY  
"System\CurrentControlSet\control\FileSystem\ACDriveSpinDown"  
58,02,00,00

**ŽQ□l**  
GETREGSTRING  
WRITEINISTRING, SETINISTRING



**SYSTEMPARAMETERSINFO fAfNfVf†f“-¼ [□’’l,Ü,½,Í•¶Žš—ñ  
[WIN.INI□X□V†f%ofo]]  
SYSPARAMINFO fAfNfVf†f“-¼ [□’’l,Ü,½,Í•¶Žš—ñ [WIN.INI□X□V†f  
%ofo]]**

fVfXfef€fƒfxf<,lfpf%of□□[f^,ìŽæ“¾,Ü,½,Í□Ý’è,ð□s,È,ƒ,Ü,·□B

□’’l,Ü,½,Í•¶Žš—ñ,É—^,í,é’l,íAfNfVf†f“-  
¼,É,æ,è^Ü,È,è,Ü,·□B,»è,¼,è,íAfNfVf†f“,ìê□‡,É%ož,¶,Ä□Ý’è’l,ð—^,í,Ä,-  
,¾,¾,ƒ□B□È—ª,·,é,Æ□’’l,È,ç□A•¶Žš—ñ,È,ç<ó•¶Žš—ñ,ª—^,í,ç,è,Ü,·□B•¶Žš—  
ñ,ð—^,í,é□ê□‡,í " " ,Å^í,Ä,Ä,,¾,¾,ƒ□B

Žæ“¾,ð□s,È,ƒfRf}f“fh,ìê□‡Žæ“¾,μ,½’l,ªERRORLEVEL,É□Ý’è,¾,è,Ü,·□B

WIN.INI□X□V†f%ofo,í□Ý’è,ð□s,È,Á,½□ê□‡,É□AWIN.INI,ð□X□V,·,é,©,Ç,ª  
,©,ð□’’l,ÅŽw’è,μ,Ü,·□B1(SPIF\_UPDATEINIFILE:□V,μ,ƒfpf  
%of□□[f^□[,ðWIN.INI,É□’,«□ž,Ā),Ü,½,Í 3(SPIF\_SENDWININICHANGE:□V,μ,ƒfpf  
%of□□[f^□[,ðWIN.INI,É□’,«□ž,Ýƒ»□Ý<N“® ,μ,Ä,ƒ  
,éAfvfŠfP□[fVf†f“,·,×,Ä,ÉWIN.INI,ª□X□V,¾,è,½,±,Æ,ð’m,ç,¹,é) ,ªŽw’è,Å,«□A□È—  
ª,·,é(,Ü,½,Í,ð,ð—^,í,é),Æ□X□V□^—□,ð□s,È,ƒ,Ü,¹,ñ□B

fAfNfVf†f“-¼,É,Í^È%oº,ìŽw’è,ª□s,È,í,Ü,·□B□’’l,í,·,×,Ä10□i□”,Å,·□B(’è<`•¶Žš—  
ñ,ðžg—p,·,é□ê□‡,í^•¶Žš,ÅŽw’è,μ,Ä,,¾,¾,ƒ)□B

<□’’l>	<’è<`•¶Žš—ñ>	<□s,È,ƒfAfNfVf†f“>
1	SPI_GETBEEP	ƒEx□□fr□[fv
¾¹,ì□ó’ò,ðžæ“¾(0:OFF,1:ON)		
2	SPI_SETBEEP	ƒEx□□fr□[fv
¾¹,ðfIf“,Ü,½,ÍfIf†,É,·,é(0:OFF,1:ON)		
5	SPI_GETBORDER	
fEfBf“fhfE,ìf†fCfY•İ□X<<ŠE,ì~g,ì’¾,¾,ì”{- ,ðžæ“¾		
6	SPI_SETBORDER	
fEfBf“fhfE,ìf†fCfY•İ□X<<ŠE,ì~g,ì’¾,¾,ðƒ^,β,é”{- ’l,ð□Ý’è		
10	SPI_GETKEYBOARDSPEED	
fL□[f{□[fh,ìfŠf̄s□[fgŠÔŠu,ðžæ“¾		
11	SPI_SETKEYBOARDSPEED	
fL□[f{□[fh,ìfŠf̄s□[fgŠÔŠu,ð□Ý’è		
12	SPI_LANGDRIVER	ƒ¾ƒÊfhf
¾fCfo□[ft†f†fCf<-¼,ðžw’è,μ,Ä□V,μ,ƒƒ¾ƒÊfhf%fCfo,ð□Ý’è		
13	SPI_ICONHORIZONTALSPACING	
fAfCfRf“fZf<,ì•□,ðfsfNfZf<’P^Ê,Å□Ý’è		
14	SPI_GETSCREENSAVETIMEOUT	
fXfNfŠ□[f“fZ□[fo□[,ìŽÀ□s,Ü,Å,ì’ò,žžšÔ,ð(f~fŠ•b’P^Ê,Å)žæ“¾		
15	SPI_SETSCREENSAVETIMEOUT	
fXfNfŠ□[f“fZ□[fo□[,ìŽÀ□s,Ü,Å,ì’ò,žžšÔ,ð(f~fŠ•b’P^Ê,Å)□Ý’è		

```

16      SPI_GETSCREENSAVEACTIVE      fXfNfŠ[]f“fZ[]fo[][<@”\
, Ì□ó‘Ô, ðŽæ“¾(0:OFF, 1:ON)
17      SPI_SETSCREENSAVEACTIVE      fXfNfŠ[]f“
fZ[]fo[], Ì□ó‘Ô, ðŸÝ’è(0:OFF, 1:ON)
18      SPI_GETGRIDGRANULARITY
«»Ÿ, ÌffXfNfgfbfv, ÌfEfBf“fhfE, ÌfTfCfY•İ□X, Æ^Ú“®, Ì’P^Ê, ðŽæ“¾
19      SPI_SETGRIDGRANULARITY
fffXfNfgfbfv, ÌfEfBf“fhfE, ÌfTfCfY•İ□X, Æ^Ú“®, Ì’P^Ê, ðŸÝ’è
20      SPI_SETDESKWALLPAPER
fffXfNfgfbfv, Ì•Çž†, Æ, µ, Äžg, í, ê, éfrfbfgf}fbfvftf@fCf<, ðŽw’è
21      SPI_SETDESKPATTERN
" , Å^í, Á, ½8«Ä, Ì̄””\fpf^[]f“, ðŽw’è, µ, Ä”w«i-í-l, ðŸÝ’è
22      SPI_GETKEYBOARDDELAY
fL[]f{[]fh, Ìfİ[]f{fgfŠfs[]f{gšJžn, Ü, Å, Ì’x%, žžšÔ, ðŽæ“¾
23      SPI_SETKEYBOARDDELAY
fL[]f{[]fh, Ìfİ[]f{fgfŠfs[]f{gšJžn, Ü, Å, Ì’x%, žžšÔ, ðŸÝ’è
24      SPI_ICONVERTICALSPACING
fAfCfRf“fZf<, Ì̄, , ³, ðfsfNfZf<’P^Ê, ÅŸÝ’è
25      SPI_GETICONTITLEWRAP      fAfCfRf“f^fCfGf<, Ì
%ü□s, Ì□ó‘Ô, ðŽæ“¾
26      SPI_SETICONTITLEWRAP      fAfCfRf“f^fCfGf<, Ì
%ü□s, ðŸÝ’è(0:OFF, 1:ON)
27      SPI_GETMENUDROPALIGNMENT  f|fbfvfAfbfvf[]fjf...
[] , [²□¶, ¼, è, |, ©%E, ¼, è, |, ©, ðŽæ“¾(0:[]¶’µ, |, 1:%E’µ, |)
28      SPI_SETMENUDROPALIGNMENT  f|fbfvfAfbfvf[]fjf...
[] , [²□¶, ¼, è, |, ©%E, ¼, è, |, ©, ðŸÝ’è(0:[]¶’µ, |, 1:%E’µ, |)
29      SPI_SETDOUBLECLKWIDTH      f_fuf<fNfŠfbfN, Ì2%ñ-
Ú, ÌfNfŠfbfN, [²_fuf<fNfŠfbfN, Æ, µ, Ä”F, β, ç, ê, é, ½, β, Ì□A1%ñ-Ú, Æ2%ñ-
Ú, ÌšÔ, Ì’••û«` , Ì•□, ðŸÝ’è
30      SPI_SETDOUBLECLKHEIGHT      f_fuf<fNfŠfbfN, Ì2%ñ-
Ú, ÌfNfŠfbfN, [²_fuf<fNfŠfbfN, Æ, µ, Ä”F, β, ç, ê, é, ½, β, Ì□A1%ñ-Ú, Æ2%ñ-
Ú, ÌšÔ, Ì’••û«` , Ì̄, , ³, ðŸÝ’è
32      SPI_SETDOUBLECLICKTIME      f}fEfX, Ìf_fuf<fNfŠfbfNžžšÔ, ð(f~fŠ•b’P^Ê, Å)ŸÝ’è
33      SPI_SETMOUSEBUTTONSWAP      f}fEfX, Ì
%Ef{f^f“, Æ[]¶f{f^f“, Ì<@”\, ð«ðš•□A, Ü, ½, Í«³, É-
β, •(0:’Ê□í, Ì□ó‘Ô, 1:«ðš•)
35      SPI_GETFASTTASKSWITCH
fAfvfŠfP[]fVf#f“, Ì̄, ‘-□∅, è’ö, |, Ì□ó‘Ô, ðŽæ“¾(0:OFF, 1:ON)
36      SPI_SETFASTTASKSWITCH
fAfvfŠfP[]fVf#f“, Ì̄, ‘-□∅, è’ö, |, Ì□ó‘Ô, ðŸÝ’è(0:OFF, 1:ON)

```

-β, è'l

0 □`

fšf^[]f“’l

—á

```
SYSTEMPARAMETERSINFO SPI_SETDESKWALLPAPER "%windir%\tartan.bmp"  
SPIF_UPDATEINIFILE
```

## GETCLIPBOARD ŠÂ««•İ”-¼ ,Ü,½,Í /F[:]ftf@fCf<-¼

fNfŠfbfvf{[fh,©,ç•ŦŽš—ñ,đŽó,žæ,èŠÂ««•İ” ,É’ă“ü,μ,Ü,·B

fNfŠfbfvf{[fh,É—LÆø,Èff[f^,ª,È,çê#ŠÂ««•İ” ,Íó,É,È,è,Ü,·(íœ,³,ê,Ü,·)B

ŠÂ««•İ” ,ì’ă,í,è,É /FflfvfVf#f“ ,đŽw’è,μ,Äftf@fCf<,ÉfNfŠfbfvf{[fh,ì“à—

e,đŽó,žæ,é,±

,Æ,à,Å,«,Ü,·B^μ,ì,éftf@fCf<,ÍfefLfxfgftf@fCf<,ì,Ý,ÅAÅ’ă,ìTfCfY,Í32KB,Å,·Bf

NfŠfbfvf{[fh,ì“à—

e,đŽó,žæ,é,È,©,Á,½ê#Aftf@fCf<,ÍÆ³,ìó’Ô,ì,Ü,Ü,É,È,è,Ü,·Bftf@fCf<-

¼,ìœ“ª,đ ‘+’ ,É,·,é,ÆŽw’è,ìftf@fCf<,É’Ç%oÁ,μ,Ü,·B

-ß,è’l

0

³íI-¹

1

fNfŠfbfvf{[fh,É—

LÆø,Èff[f^,ª,È,ç

250

(/FŽw’èŽž)ftf@fCf<,ªì¬,Å,«,È,ç

254

ŠÂ««•İ” ,Ì-Ì^æ,ª’« ,è,È,ç

255

fpf%ff[f^[,ª·s’«

—á

GETCLIPBOARD ENVNAME

GETCLIPBOARD /F:CLIPFILE.TXT

žQI

SETCLIPBOARD

## SETCLIPBOARD[=FORMAT] • ¶Žš—ñ ,Ü,½,Í /F[:]ftf@fCf<-¼

fNfŠfbfvf{[fh,É•¶Žš—ñ,ðŸ'è('—o),μ,Ü,·B

•¶Žš—ñ,ªŽw'è,³,è,È,©,Á,½ê±AfNfŠfbfvf{[fh,ì“à—e,ìÁ<Ž,ðs,È,ç,Ü,·B

**FORMAT**ftf%ofO,ðŽw'è,μ,½ê± PRINTF ,Æ“~,¶CE`Ž®,Á\n,È,Ç,ìfGfXfP[fv,ªŽg—p,Á,«,Ü,·(fGfXfP[fv,ì,Ý,Á%%d,È,Ç,ì^ø”,íŽg—p,Á,«,Ü,¹,ñA,Ü,½g,íŽg—p,Á,«,Ü,¹,ñ)B,±,è,É,æ,è•¶Žš—ñ,ì“r't,Á%ü[s,È,Ç,ðs,È,æ,±,Æ,ª,Á,«,Ü,·B

•¶Žš—ñ,ì“ã,í,è,É /FflfvfVf¶f“,ðŽw'è,μ,Äftf@fCf<,ì“à—e,ðŸ'è('—o),·,é,±,Æ,à,Á,«,Ü,·B^μ,ì,éftf@fCf<,ìfefLfxfgftf@fCf<,ì,Ý,ÁAÁ'ã,ìTfCfY,í32KB,Á,·B

-ß,è'l

0  
1  
250

³íI-¹  
fNfŠfbfvf{[fh,ªŽg—p,Á,«,È,ç  
(/FŽw'èŽž)ftf@fCf<,ª¶Ÿ,μ,È,ç

—á

SETCLIPBOARD

SETCLIPBOARD ,±,è,Í WinBatchEh ,©,ç,ìfNfŠfbfv,Á,·

SETCLIPBOARD=FORMAT ,±,è,Í\nWinBatchEh\n,©,ç,ìfNfŠfbfv,Á,·

SETCLIPBOARD /F:README.TXT

ŽQI

GETCLIPBOARD

**POSTMESSAGE[=ftf%ofO] "fEfBf"fhfEf^fCfGf<" ffbfZ[fW**  
**POSTMSG[=ftf%ofO] "fEfBf"fhfEf^fCfGf<" ffbfZ[fW**  
**SENDMESSAGE[=ftf%ofO] "fEfBf"fhfEf^fCfGf<" ffbfZ[fW**  
**SENDMSG[=ftf%ofO] "fEfBf"fhfEf^fCfGf<" ffbfZ[fW**

fAfvfŠfP[fVf+f" ,Éf[fbfZ[fW,đ'—,è,Ü,·B

**POSTMESSAGE**,Íf[fbfZ[fW,đ'—,Á,Ä,·,®,Éfofbf` ,É-β,è,Ü,·B  
**SENDMESSAGE**,Íf[fbfZ[fW,đ'—,Á,Ä%ž"š,ª, ,é,Ü,Á'Ö,¿,Ü,·B

**SENDMESSAGE**,Á,Í'—,é,È,ç[è[±,ª, ,è,Ü,·,ì,Á[A'Ê[í,**POSTMESSAGE**,ì•û,đŽg  
—p,μ,Ä,,¾,³,ç[B(SENDMESSAGE,É'Í,μ,ÄfAfvfŠfP[fVf+f" ,ª  
%ž"š,đ•Ô,³,È,çfRf}f"fh,ì[è[±WindowsŽ©[g,ªŽ~ ,Ü,Á,Ä,μ,Ü,ª%Ä"\[«,ª, ,è,Ü,·)  
B

fEfBf"fhfEf^fCfGf<,Í'•û^ê'v,Ü,½,Í**Ā**ě•û^ê'v,ÁĀĀŸ[đ,μ,Ü,·Bftf%ofO,É **REAL**  
,đŽw'è,·,é,ÆfEfBf"fhfEf^fCfGf<,đ[³**Šm,È,·,x,Ä,ì•Ÿš—ñ**,ÁĀĀŸ[đ,μ,Ü,·B[Ú,μ,-  
,Íf^fCfGf<ĀĀŸ[đ,ìŽd—l,đ,²ŽQ[Æ,,¾,³,ç[B

•K—v,È[è[±,Í[Af[fbfZ[fW,ìĀĀ,É,³,ç,Éfpf%of[[f^[[,đŽw'è,μ,Ä,,¾,³,ç[B

f[fbfZ[fW,ÁŽg—p,Á,«,»,ª,È,à,ì,Í^È%º,ì,à,ì,Á,·B('è<`•Ÿš—ñ,đŽg—  
p,·,é[è[±,Í'â•Ÿš,ÁŽw'è,μ,Ä,,¾,³,ç)[B,±,ê^ÈŠO,ì[""l,đ'¼[ÚŽw'è,μ,Ä,ç,è,ç  
,ë,Éf[fbfZ[fW,đ'—,é,±,Æ,ª,Á,«,é,©,ÆŽv,ç,Ü,·,ª[A[Ā^«fVfXfef€,ª%óó,é,é%Ä"\  
[«,ª, ,è,Ü,·,μ[ASDK,Íf}fjf...fAf<"™ ,đŽQ[Æ,μ,Ä[AŽw'è,μ,Ä,,¾,³,ç[B

<["'l> <'è<`•Ÿš—ñ> <"@ì,ì"à-e>  
0x0010 WM\_CLOSE [I-¹(•Ā,Ÿ,é)  
0x0012 WM\_QUIT [I-¹("²,~,é)

fAfvfŠfP[fVf+f" ,đ[—¹,·,é"@ì,đ[s,È,ç,Ü,·B,Ç,¿,ç,đŽg,Á,Ä,à"~,Ÿ,æ,ª,È^Ó-  
i,Á,·,ª[A•Đ•û,μ,©Āø,©,È,ç[è[±,à, ,è,Ü,·B

<["'l> <'è<`•Ÿš—ñ> <"@ì,ì"à-e>  
0x0100 WM\_KEYDOWN fL[[,đ%Ÿ,·  
0x0101 WM\_KEYUP fL[[,đ-f,·  
0x0102 WM\_CHAR  
fL[[,ÌfR[[fh,đ'—,é

1"Ô-Ú,Ífpf%of[[f^[[,É%¼'zfL[[,ÍfR[[fh,đŽw'è,μ,Ü,·B  
'A,μ3,Ā,ì[—[·,ì,Ç,é,ª—LĀø,É^μ,í,é,é,©,ÍfAfvfŠfP[fVf+f" ,É,æ,è,Ü,·,μ[AfL[[ "ü—  
Í,đ,»,ì,Ü,Ü[—[·,μ,Ä,ç,È,ç[è[±,à, ,è[A,»,ì[è[±,Í"@ì,ª[s,È,ì,Ü,¹,ñ[B  
%¼'zfL[[,ÍfR[[fh,ìŽQ[Æ



WinBatchEh,ÅfL[ ,ð'—,é,É,ÍAWM\_ ... ,ð'¼Ú'—,é,æ,èA•ŕŽš,ð'—  
,éSENDKEYAfŕfj...[ ,lfL[ ,ð%Ÿ,·SENDMENUKEYA•ŕŽš—ñ,ð'—  
,éSENDSTR,ðŽg—p,μ,½•û,ªŠmŽĀ,Ā,·B

<''l> <'è<`•ŕŽš—ñ>  
0x0112 WM\_SYSCOMMAND  
[fRf}f“fh

<“@ì,ì“à—e>  
fVfXfef€fŕfj...

1”Ô—Ú,lfpf%of[ f^ [ ,ÉfVfXfef€(fRf“fgf[ f<)fŕfj...  
[(^è”Ôŕŕã,ðfNfŠfbfN,μ,½,Æ,« ,Éo,éfŕfj... [ ,lfRf}f“fh,ì“à—  
e,È,Ç)Ĉn,lfR[ fh,ðŽw'è,μ,Û,·B  
Žā,ÉfR[ fh,íŽŸ,ì'É,è,Ā,·B

<''l> <'è<`•ŕŽš—ñ>  
<“@ì,ì“à—e>  
0xF000 SC\_SIZE  
fTfCfY•îX  
0xF010 SC\_MOVE  
^Ú“®  
0xF020 SC\_MINIMIZE  
[Å[~(fAfCfRf“)»  
0xF030 SC\_MAXIMIZE  
[Ā'ā»  
0xF060 SC\_CLOSE  
fNf[ fY  
0xF120 SC\_RESTORE  
'Êí fTfCfY,É•æĈ<sup>3</sup>  
0xF130 SC\_TASKLIST  
f^fXfNfŠfXfg  
0xF140 SC\_SCREENSAVE  
fXfNfŠ[ f“fZ[ fo[ <N“®

-B,è'I  
0 (POSTMESSAGE, Ìê[†)³íI-<sup>1</sup>  
1 (POSTMESSAGE, Ìê[†) fGf% [ Žw'è, ÌfEfBf“fhfE,ªĈ,Ā,©,ç,È,ç  
253 fpf%f[ f^ [ ,ª•s'«  
255 0 [ (SENDMESSAGE, Ìê[†) fŠf^ [ f“'l, Û, ½, ÍfGf% [ fR[ fh  
(SENDMESSAGE, Ìê[†) fGf% [ ,ÆfŠ [ f^f“ ,ð<æ•Ē,Ā,« ,Û, <sup>1</sup>, ñ)

—á  
POSTMESSAGE ""d'ì" WM\_QUIT  
POSTMESSAGE "^óü" WM\_KEYDOWN 0x0d

```
POSTMESSAGE=REAL "f, ' -i-3'èj" WM_SYSCOMMAND SC_MINIMIZE
SENDMESSAGE ""d'ì" 0x0010
SENDMESSAGE=REAL "f, ' -i-3'èj" WM_QUIT
```

**ŽQ**

IF (IF EXISTWINDOW)

SENDKEY

SENDMENUKEY

## SENDMENUKEY[=ftf%ofO] "fEfBf"fhfEf^fCfGf<" fL[fR[fh [fL[fR[fh ...]

fAfvfŠfP[fVf+f" ,lf[fjf...[ ,đ'í'đ,μ,Ü,·B

fAfvfŠfP[fVf+f"" à,lf[fjf...[ ,í'ÉíAltfl[ ,Æfl[f{[fh,ì•ŕŽš,đ%Ÿ,·,± ,Æ,É,æ,è'í'đ,Å,«,Ü,·,ªA,±,lfRf}f"fh,É,æ,è,»,ìŽ-,Æ"- ,ŕ"®[ ,ªs,È,í,Ü,·B fL[fR[fh,đ'—,é,Æ,«,É,í SENDKEY,đA•ŕŽš—ñ,đ'—,é,Æ,«,É,í SENDSTR,đŽg— p,μ,Ä,,¾,¾,çB

fL[fR[fh,í"''l,Ü,½,í ' '(fVf"fof<fNfH[fef[fVf+f") ,Å^í,Á,½•ŕŽš(%op'â•ŕŽš) ,đŽw'è,μ,Ü,·BfL[fR[fh,í<ó"" ,Å<æ[Ø,Á,Ä•í"Žw'è,·,é,±,Æ,ª,Å,«,Ü,·B— á,í,íNOTEPAD.EXE(f[f,' ) ,ìu•ÒW(E)[vf[fjf... [["à,ìuŽž[ ,Æ"ú•t,í' }"ü(D)[v,đs,É,æ,É,íA

SENDMENUKEY "f[f,' " 'E' 'D'

,ì—l,ÉŽw'è,μ,Ü,·B•í" ,lfL[["€[ ,É,æ,è[s,È,æfAfNfVf+f" ,íA,±,ì,æ,æ ,É^è"x,ÉŽw'è,·,é,æ,æ,É,μ,Ä,,¾,¾,çB

fEfBf"fhfEf^fCfGf<,í'O•û^ê'v,Ü,½,íCĚã•û^ê'v,ÅCEŸ[đ,μ,Ü,·Bftf%ofO,É **REAL** ,đŽw'è,·,é,ÆfEfBf"fhfEf^fCfGf<,đ³Šm,È,·,x,Ä,ì•ŕŽš—ñ,ÅCEŸ[đ,μ,Ü,·B[Ü,μ,- ,lf^fCfGf<CEŸ[đ,ìŽd—l,đ,²ŽQ[Æ,,¾,¾,çB

[í'í^Ó: fAfvfŠfP[fVf+f" ,âŠÂ««,É,æ,Á,Ä,í,± ,lfRf}f"fh,í"®[ ,μ,È,ç[ê[†,ª, ,è,Ü,·B

**SENDMENUKEY** ,Åfl[ ,đ'—,è,È,ç[ê[†,í **SENDKEY** ,ì Alt fL[ ,Æ,í'g,Ÿ[†,í,¹,É,æ,éfl[ ,ì'—[o,đŽg—p,μ,Ä,Ÿ,Ä,,¾,¾,çB

<Cefo[fWf+f" ,Å,í **POSTMENUCHAR** ,Æ,μ,Ä,ç,Ü,μ,½,ªA•ª,©,è,É,,ç ,½,βRf}f"fh-¼,đ•ï[X,μ,Ä,ç,Ü,·(**POSTMENUCHAR** ,àŽg—p,Å,«,Ü,·)B

-ß,è'l

0	[³[íI-¹
1	fGf%[
253	Žw'è, ÌfEfBf"fhfE,ª[©,Â,©,ç,È,ç
255	fpf%[f^[ ,ª•s'«[Afpf
%f[[f^[ ,ÌfGf%[	

—á

SENDMENUKEY "fNfŠfbfVf{[fh" 0x48 0x41  
SENDMENUKEY=REAL "f[f,' -[i-³'è[j" 'E' 'D'  
SENDMENUKEY @PROGMAN 'W' 'C'

**ŽQ**

SENDKEY

SENDSTR

POSTMESSAGE/SENDMESSAGE

## SENDKEY[=ftf%ofo] "fEfBf"fhfEf^fCfGf<" fL[fR[fh [fL[fR[fh ...]

fL[fR[fh,đ'¼'Ú—,è,Ü,·BfAfvfŠfP[fVf†f",É,æ,Á,Ä,Í—,ê,È,č[ê[†,ª, ,è,Ü,·,ª[A  
POSTMESSAGE,İWM\_KEYDOWN,È,Ç,đŽg—p,·,é,æ,è[A,Ü,ÚŠmŽÀ,ÉfL[đ  
%oÿ,·" @[ì,đ[s,È,αŽ—,ª,Å,«,Ü,·[B  
•ŦŽš—ň,đ'—,é,Æ,«,É,Í SENDSTR,đ[Af[fj...[.İfL[đ%oÿ,·,Æ,«,Í  
SENDMENUKEY ,đŽg—p,µ,½•û,ª^À'S,Å,·[B

fL[fR[fh,İ"'l,Ü,½,Í ' '(fvf"fof<fnfh[fef[fVf†f"),Å^Í,Á,½•ŦŽš(%op'â•ŦŽš)  
,đŽw'è,µ,Ü,·BfL[fR[fh,İ'ó"' ,Å<æ[Ø,Á,Ä•j"Žw'è,·,é,±  
,Æ,ª,Å,«,Ü,·[B,Ü,½[AfL[fR[fh,İ'O,É^È%oo,İ<L[†,đ•t, ,éŽ—  
,É,æ,è[ASHIFTfL[È,Ç,Æ,İ'g,Y[†,Í,¹,đŽw'è,·,éŽ—,ª%oÅ"\,Å,·[B

<<L[†>	<^Ó—j>
+	SHIFTfL[
^	Control(CTRL)fL[
% ,Ü,½,Í &	Alt fL[

fL[fR[fh,É,İ%o¼'zfL[.İŽw'è,àŽg—p,Å,«,Ü,·%o¼'zfL[.İfR[fh,İŽQ[Æ[

•ŦŽš—ň,È,Ç,đ"ü—Í,·,é,½,ß,É[A,±,İfRf}f"fh,đŽg—p,·,é,İ,İ CAPS f[fbfN,İ  
%oe<ž,đŽó, ,é,½,ß[A, ,Ü,è—Ç,č•û—@,Å,Í, ,è,Ü,¹,ň[B•ŦŽš—ň,đ"ü—  
Í,·,é,É,İfNfŠfbfvf{[fh~ACEg,âSENDSTRfRf}f"fh,đŽg—p,µ,Ä,,¾,¾,č[B

fEfBf"fhfEf^fCfGf<,İ'O•û^ê'v,Ü,½,İCEã•û^ê'v,ÅCEÿ[ö,µ,Ü,·Bftf%ofo,É REAL  
,đŽw'è,·,é,ÆfEfBf"fhfEf^fCfGf<,đ³Šm,È,·,x,Ä,İ•ŦŽš—ň,ÅCEÿ[ö,µ,Ü,·[B[Ü,µ,-  
,İf^fCfGf<CEÿ[ö,İŽd—l,đ,²ŽQ[Æ,,¾,¾,č[B

İ'İ^Ó: fAfvfŠfP[fVf†f",âŠÅ<<[A•ŦŽšfR[fh,É,æ,Á,Ä,Í,±  
,İfRf}f"fh,İ" @[ì,µ,È,č[ê[†,ª, ,è,Ü,·[B

-ß,è'l

0	[³[í[I-1
1[`	fGf%[[
251	DLL,İf[[[fh,ÉŽ, "s
253	Žw'è,İfEfBf"fhfE,ª[©,Å,©,ç,È,č
255	fpf%f[[f^[ ,ª•s'« ,Ü,½,ÍfGf%[[

—á

SENDKEY "f[ f, ' " VK\_TAB  
SENDKEY "f[ f, ' " VK\_HOME +VK\_END ^'C'  
SENDKEY "f[ f, ' " &VK\_F4

ŽQ[İ

SENDSTR

SENDMENUKEY  
POSTMESSAGE/SENDMESSAGE  
SETCLIPBOARD

## SENDSTR[=ftf%ofO] "fEfBf"fhfEf^fCfGf<::ŽqfEfBf"fhfE" "•ŕŽš—ň"

Žw'è,lfEfBf"fhfE"à,lžqfEfBf"fhfE,É•ŕŽš—ň,đ'—,è,Ü,•B

SENDKEY,Æ^á,çA•ŕŽš—ň,É,ÍŠ;Žš,È,Ç,đŠÜ,ß,éŽ-

,â,Å,«,Ü,•BControl,È,Ç,Æ'g,Ý†,í,1,½fL[],âfEfBf"fhfEŽ©'ì,É•ŕŽš,đ'—,é,Æ,«,Í  
SENDKEY ,đAf†fj...[],lfL[],đ%Ÿ,•,Æ,«,Í SENDMENUKEY ,đŽg—p,μ,Ä,,¾,¾,çB

fEfBf"fhfE,lžw'è,lfEfBf"fhfEf^fCfGf<,ÆŽqfEfBf"fhfE,đ'ÉíŽw'è,•,é•K—v,â, ,è,Ü,•  
BÜ,μ,,ÍSENDSTR,ì•â'«à-¾,đ,²ŽQÆ,,¾,¾,çB

fEfBf"fhfEf^fCfGf<,í'O•û^ê'v,Ü,½,ÍĀĕ•û^ê'v,ÅĀÿō,μ,Ü,•Bftf%ofO,É REAL  
,đŽw'è,•,é,ÆfEfBf"fhfEf^fCfGf<,đ³Šm,È,•,×,Ä,ì•ŕŽš—ň,ÅĀÿō,μ,Ü,•BÜ,μ,-  
lf^fCfGf<Āÿō,lžd—l,đ,²ŽQÆ,,¾,¾,çB

'Éí,lfEfBf"fhfEf^fCfGf<,É'±

,-,ÄAfRf[]²,Ä,Ä<æ∅,Ä,ÄŽqfEfBf"fhfE(fRf"fgf[]f<-¼,đ<Lq,μ,Ü,•B  
ŽqfEfBf"fhfE(fRf"fgf[]f<),lĀÿō,íA-¼l,Ü,½,lfNf%ofX-¼,Ås,È,|,Ü,•(,±  
,è,ç,lĀÿōĀĕ'—,lfEfBf"fhfEf^fCfGf<,Æ" —l,Å,•)B,Ü,½AID"Ō†,â•â,©,Á,Ä,ç  
,éé†A"fEfBf"fhfEf^fCfGf<::#ID"Ō†" ,Æ,•,è,íAID"Ō†,É'í,•,é^—  
[],âs,È,|,Ü,•BID"Ō†,l16i",ÅŽw'è,μ,Ü,•B

"•ŕŽš—ň" ,É,lžqfEfBf"fhfE(fRf"fgf[]f<),É'—,é•ŕŽš—ň,đŽw'è,μ,Ü,•B•ŕŽš—  
ň,É,í'Éí,ì

%op[]Žš'ÈŠO,É'SŠp•ŕŽš,È,Ç,àŽw'è,Å,«,Ü,•,âAfAvfŠfP[]fVf†",âfRf"fgf[]f<,É,  
æ,Á,Ä,lžó,•t,•,ç,è,È,ç,±,Æ,à, ,è,Ü,•B

í'Ō: fAfvfŠfP[]fVf†",âŠĀ<<A•ŕŽšfR[]fh,É,æ,Á,Ä,í,±  
,lfRf}f"fh,í"®ì,μ,È,çé†,â, ,è,Ü,•B

-ß,è'I

0  
253 Žw'è,lfEfBf"fhfE,âĀ,Â,©,ç,È,ç  
255 fpf%[]f^[],â•s'«AfGf%[]

—á

SENDSTR "ftf@fCf<,đŠj,::ftf@fCf<-¼" FILENAME.TXT  
SENDSTR "f%ofCfG<::@MSWRITE\_DOC" "-{“ú,í°“V,È,è"  
SENDSTR=REAL "°YÄÜ°Ü ÊßÈÜ::@SysListView32" "í¾"  
SENDSTR "±lßØ¹¼®Ý,l'Ç%Å,Æííæ::#0000401" "Internet Explorer 3.02"

ŽQ

SENDKEY

SENDMENUKEY

## SENDSTR,ì•â'«à-¾

SENDSTRfRf}f“fh,í'Éí,ífEfBf“fhfE,»ì,à,ì,É'í,μ,ÄŽÀ□s,μ,Ä,à—  
LCEø,É,í,È,ç, □AfEfBf“fhfE“à,ìfRf“fgf□□[f<,É'í,μ,Ä'¼□Ú'—,é•K—v,<sup>a</sup>, ,è,Ü,·□B  
WinBatchEh,Ä,íf^fCfGf<fEfBf“fhfEŽw'è,Ä□A“f^fCfGf<-¼: :fRf“fgf□□[f<-¼" ,ì,æ,κ  
,Éf^fCfGf<-¼,É'±,~,ÄfRf□f“,ð2,Ä'±, □A,»ì,Éã,ÉfRf“fgf□□[f<-¼,Žw'è,Ä,«,é,æ,κ  
,É,È,Á,Ä,ç,Ü,·□B—á,ì,í□A□uftf@fCf<,ðŠJ,□vf\_fCfAf□fO,ì□uìš²Ü-¼□v,ì□Š,É•ŸŽš—  
ñ,ð'—,è,½,ç□ê□±,í□A“ftf@fCf<,ðŠJ,::ìš²Ü-¼" ,ì,æ,κ,ÈŠ',Ÿ,ÄŽw'è,ð□s,È,ç,Ü,·□B

ftf%ofO,É**REAL**,ðŽw'è,μ,Ä,ç  
,é□ê□±,í□AfEfBf“fhfEf^fCfGf<y,ŸfRf“fgf□□[f<,ð³Šm,ÉŽw'è,·,é•K—v,<sup>a</sup>, ,è,Ü,·□B  
—á,ì,í□uiftf@fCf<,ðŠJ,□vf\_fCfAf□fO,ì□uìš²Ü-¼□vŽw'è,í□A“ftf@fCf<,ðŠJ,::ìš²Ü-  
¼(&N):" ,ì,æ,κ,É,È,è,Ü,·□B

,±,±,©,ç,í~b,<sup>a</sup>□,μ“i,μ,,È,è,Ü,·,²□A,à,κ□,μ“à•”,ì'ì“l,È“®□ì,É,Ä,ç,Ä□Ú,μ,□à-  
¾,μ,Ü,·□B  
□æ,É□q,×,½□ufRf“fgf□□[f<-¼□v,íŽÀ□Ú,í□u•í□X,Ä,«,È,çfefLfXfg□v,Ä, ,è□A'P□f,É,  
±,±,É•ŸŽš—ñ,ð'—,Á,Ä,à^Ó-ì,<sup>a</sup>, ,è,Ü,<sup>1</sup>,ñ□B,»ì,½,ß□AWinBatchEh,Ä,í“à•”“l,É□A  
□uŽw'è,<sup>3</sup>,è,½fRf“fgf□□[f<-¼^É□~,É'Ÿ□Y,·,é“ü—í,<sup>a</sup>%Ä“\  
,ÉfRf“fgf□□[f<□v,É'í,μ,Ä□^—□,ð□s,È,κ,æ,κ,É,È,Á,Ä,ç,Ü,·□B  
<ì'ì“l,È—á,ð““,°,Ä,Ý,Ü,·□BŽY,ífŠfXfg,íWindows95,ì□uftf@fCf<,ðŠJ,-  
□vf\_fCfAf□fOf{fbfNfX,ífRf“fgf□□[f<,í^è—,Ä,·□B

HWND	ID	ClassName	Strings
000007a0	00000443	Static	ìš²Ü,ì□ê□Š(&I):
000007a4	00000471	ComboBox	
000007ac	00000440	Static	
000007b0	00000460	ListBox	
000007e0	00000461	SHELLDLL_DefView	
000007e4	00000001	SysListView32	
000007e8	00000000	SysHeader32	
000007b4	00000442	Static	ìš²Ü-¼(&N):
000007b8	00000480	Edit	
000007bc	00000441	Static	ìš²Ü,ìŽí-P(&T):
000007c0	00000470	ComboBox	
000007c8	00000410	Button	“ç,ÝŽæ,è□ê— pìš²Ü,Æ,μ,ÄŠJ,(&R)
000007cc	00000001	Button	ŠJ,(&O)
000007d0	00000002	Button	·-Ý¾Ü
000007d4	0000040e	Button	íÜìß(&H)
000007d8	00000001	ToolBarWindow32	

□ã<L,í^è—,Ä□AClassName,<sup>a</sup> "Static" ,Æ,È,Á,Ä,ç  
,é,ì,í□u•í□X,Ä,«,È,çfefLfXfg□v,Ä□A□uìš²Ü-¼(&N):□v,ífRf“fgf□□[f<,ìClassName,í



"Static" (• ĩ X, Å, «, È, ç f e f L f X f g), É, È, Á, Ä, ç, Ü, · □ B "Static" ,É, Í • ¶ Ž š — ñ, ð —, é Ž —, Í, Å, «, Ü, ¹, ñ, Ì, Å □ A WinBatch Eh, Å, Í Ž Ÿ, Ì □ s, Ì Class Name, ¢ "Edit" ,Æ, È, Á, Ä, ç, é f R f " f g f □ □ [ f <, É, Í, µ, Å • ¶ Ž š — ñ, ð —, é Ž —, É, È, è, Ü, · □ B

, ½, ¾ □ A f R f " f g f □ □ [ f <, É - ¼ □ Ì, ¢ • t, ç, Ä, ç, é □ ê □ ‡, Í, ±, Ì • û -  
@, Å Ž w ' è, ¢, Å, «, Ü, ·, ¢ □ A f R f " f g f □ □ [ f <, É - ¼ □ Ì, ¢ • t, ç, Ä, ç, È, ç □ ê □ ‡, Í □ A f R f " f g f □ □ [ f < -  
¼, ð Ž w ' è, µ, Ä f R f } f " f h, ð —, é Ž —, ¢, Å, «, Ü, ¹, ñ □ B — á, Ì, Í □ æ, Ì ^ ê — —, Å 4 □ s -  
Ú, Ì Class Name, ¢ "ListBox" ,Æ, È, Á, Ä, ç, é f R f " f g f □ □ [ f <, Í □ A, » , Ì □ ã, Ì "Static" , Ì -  
¼ □ Ì, ¢ • t, ç, Ä, È, ç, ½, ß, É Ž w ' è, ¢ • s % o Å " \, Å, · □ B, ±, Ì — Ì, È □ ê □ ‡, Í □ A f Š f X f g, Å "ID"  
, Å Ž Ÿ, ³, è, é f R f " f g f □ □ [ f <, Ì ID " Ó □ †, ð < L □ q, µ, Å Ž w ' è, ð □ s, È, ç, Ü, · □ B ID " Ó □ †, Ì Ž w ' è, Ì  
" f t f @ f C f <, ð Š J, :: # 00000460 " , Ì, æ, µ, É □ A f ^ f C f g f < - ¼, É ' ±, ¯, Ä f R f □ f " , ð 2, Å ' ±  
, ¯ □ A, » , Ì □ æ, É ' # ' , É ' ±  
, ¯, Ä f R f " f g f □ □ [ f <, Ì ID, ð 16 □ i □ " , Å Ž w ' è, µ, Ü, · □ B f e f B f " f h f E, Ì, » , è, ¼, è, Ì f R f " f g f □ □ [ f <, Ì ID,  
ð Ž Q □ Æ, ·, é, È, Í □ A • K — v, É f e f B f " f h f E, ð —  
š, Ì □ ã, °, Å, ¯, « □ A □ g f R f } f " f h, Ì ¼ □ Ú Ž Ä □ s □ h < @ " \, ð Ž g — p, µ, Ä □ A □ u F I N D C H I L D W N D  
A L L D S P " f t f @ f C f <, ð Š J, " □ v, Ì, æ, µ, É □ A F I N D C H I L D W N D A L L D S P f R f } f " f h, ð Ž g —  
p, ·, é, È □ A □ æ, Ì f Š f X f g, Ì — Ì, È ^ ê — —, ð • Ž Ÿ, ·, é Ž —, ¢, Å, «, Ü, · □ B  
ID " Ó □ †, ð Ž w ' è, ·, é □ ê □ ‡, Í □ A "Static" , Å, Í, È, □ A " ü — Í % o Å " \  
, É f R f " f g f □ □ [ f <, ð ' ¼ □ Ú Ž w ' è, ·, é Ž —, É < C, ð, Å, ¯, Ä, -  
, ¾, ¾, ç □ B, Ü, ½ □ A H W N D, Å Ž Ÿ, ³, è, é f n f " f h f < " Ó □ †, Í □ A f e f B f " f h f E, ¢ □ Ì □ - , ³, è, é, ², Æ, É ^ á,  
µ ' Ì, ¢ □ Y ' è, ³, è, Ü, ·, Ì, Å □ A Ž g, µ Ž —, ¢, Å, «, Ü, ¹, ñ □ B

, ³, ç, É f R f " f g f □ □ [ f <, Ì - ¼ □ Ì, à, È, □ A, » , è, ¼, è, Ì ID " Ó □ †, ¢ " - , ¶, Æ □ E ¾, µ, æ, µ  
, É f P □ [ f X, à □ Ì, Ì, ç, è, Ü, · □ B Ž Ÿ, Ì f Š f X f g, Ì Windows 3.1, Ì f % o f C f g, Ì f R f " f g f □ □ [ f <, Ì ^ ê — —  
, Å, · □ B

HWND	ID	ClassName	Strings
00002e28	00000000	ScrollBar	
00002e74	00000000	ScrollBar	
00002ec0	00000000	MSWRITE_PAGEINFO	
00002f14	00000000	MSWRITE_DOC	

^ è " Ó □ Å □ æ, Ì Class Name, ¢ "MSWRITE\_DOC" ,Æ, È, Á, Ä, ç, é, Ì, ¢ □ A • ¶ ' , ð " ü —  
Í, ·, é f e f B f " f h f E, Ì f R f " f g f □ □ [ f <, È, Ì, Å, ·, ¢ (, ±, Ì • Ó, è, Í □ ,, ¢, µ, Å Ž Ž, µ, Ä, ç, µ, ©, , è, Ü, ¹, ñ) □ A  
- ¼ □ Ì (Strings, Ì " • ¢ ), ¢ • t, ç, Ä, ¯, ç, · □ A, Ü, ½ ID " Ó □ †, ¢ ¼, Ì f R f " f g f □ □ [ f <, à, ·, x, Å  
00000000 , Å, , é, ½, ß □ A - ¼ □ Ì, à ID " Ó □ †, Å Ž w ' è, ·, é Ž —, ¢, Å, «, Ü, ¹, ñ □ B, ±, Ì —  
Ì, È □ ê □ ‡, Í □ A Class Name , ð Ž g — p, µ, Ä □ A " f % o f C f g :: @ M S W R I T E \_ D O C " , Ì, æ, µ  
, É □ A f ^ f C f g f < - ¼, É ' ±, ¯, Ä f R f □ f " , ð 2, Å ' ±, ¯ □ A, » , Ì □ æ, É ' @ ' , É ' ±, ¯, Ä f N f % o f X -  
¼ (Class Name), ð Ž w ' è, ·, é Ž —, Å Ž w ' è, ¢ □ s, È, Ì, Ü, · □ B  
, È, ¯ □ A f N f % o f X - ¼, Å Ž w ' è, ·, é □ ê □ ‡, à □ A "Static" , Å, Í, È, □ A " ü — Í % o Å " \  
, É f R f " f g f □ □ [ f <, ð ' ¼ □ Ú Ž w ' è, µ, Ü, · □ B, Ü, ½ □ A f N f % o f X -  
¼, Í, Å • ¶ Ž š □ - • ¶ Ž š, ¢ □ æ • É, ³, è, Ü, ·, Ì, Å < C, ð, Å, ¯, Ä, , ¾, ¾, ç □ B

, ±, è ^ È Š O, Ì f P □ [ f X (f R f " f g f □ □ [ f <, Ì ID □ A - ¼ □ Ì □ A f N f % o f X - ¼, ¢ " - , ¶, à, Ì, ¢ • i □ " , , é □ ê □ ‡, É, Í  
) □ A Ž c " O, È, ¢, ç WinBatch Eh, Å, Í □ ^ — □, ¢, Å, «, Ü, ¹, ñ □ B

## DDEEXECUTE[=ftf%ofo] "fEfBf"fhfEf^fCfjf<" ŽÀ[sfRf}f"fh

DDEft[fOf%of€}f}fI[fWff]ÉfOf<[fv,đ'Ç

fEfBf"fhfEf^fCfjf<,í'Ō•û^ê'v,Ü,½,íŒĚ•û^ê'v,ÁŒÿ[ö,μ,Ü,·Bftf%fo,É REAL  
,đŽw'è,·,é,ÆfEfBf"fhfEf^fCfjf<,đ[³Šm,Ě,·,x,Ä,ì•ŒŽš—ñ,ÁŒÿ[ö,μ,Ü,·B[Ú,μ,-  
,íf^fCfjf<Œÿ[ö,ìŽd—l,đ,²ŽQ[Æ,,¾,¾,ç[B

ŽÀ[sfRf}f"fh,í'Ê[í [] ,Å^í,ç,Ü,·B  
—á,í,ífvf[fOf%of€}f}fI[fWff]ÉfOf<[fv,đ'Ç  
%oÁ,·,é,É,ìŽÀ[sfRf}f"fh,đ[A"[CreateGroup(fOf<[fv-¼)]" ,ì,æ,ᄡ,ÉŽw'è,μ,Ü,·B  
ŽÀ[sfRf}f"fh,ì"à—e,É,Ä,ç,Ä,íŠefT[fOf%of€}f}fI[fWff]ÉfOf<[fv,đ'Ç  
—v,Æ,Ě,è,Ü,·B

### -Œ,è'l

0	[³[í[I-¹
1	DDE'Î~bŠm-šfGf%[
2	fRf}f"fh'-[ofGf%[
253	Žw'è,ífEfBf"fhfE,ªŒ©,Ä,©,ç,È,ç
255	fpf%[f^[[,ª•s'«

### —á

DDEEXECUTE=REAL "fvf[fOf%of€}f}fI[fWff] [CreateGroup(WinBatchEh)]

**fNf%ofX-1/4**

Windows,lfAfvfŠfP[fVf#f“,aŽ©•aŽ©g,đŽ•Ê,·,é,1/2,β,Windows,Ö,ì“o~^–  
1/4,Å,·B’ÊíNf%ofX-1/4,lfAfvfŠfP[fVf#f““à•”,ÅŽg—p,<sup>3</sup>,ê,é-1/4ì,Å,·B  
,Ê,â,Å,«,Û,<sup>1</sup>,ñ,<sup>a</sup>AGETFOCUS,âFINDWNDfRf}f“fh,ÅŽæ“<sup>3/4</sup>,·,é,±,Æ,<sup>a</sup>,Å,«,Û,·B

Windows, ðfAfvfŠfP [fvfþf“ , ð, » , ê , ¼ , ê , ðfEfBf“ fhfE , É • t , ¯ , ç , ê , ½ “ Ô ð t , Å , · ðBfnf“ fhf< , í ,  
» , ê , ¼ , ê , ðfEfBf“ fhfE , É • Ê ð X , ð “ Ô ð t , ð Š “ , , è “ -  
, Ä , ç , ê , Ü , · , ð , Å ð A • ð “ , ð “ ^ ê fAfvfŠfP [fvfþf“ , ð “ ® ð ð , µ , Ä , ç , é ê ð ð , Å , à ð A -  
¾ Š m , É < æ • Ê , · , é , ± , Æ , ð , Å , « , Ü , · ð B  
fnf“ fhf< “ Ô ð t , í ð AGETFOCUS , â FINDWND fRf } f“ fh , Å Ž æ “ ¾ , · , é , ± , Æ , ð , Å , « , Ü , · ð B

**fEfBf“fhfEf^fCfjf<Œÿõ,İŽd—l**

fEfBf“fhfEf^fCfjf<İŒÿõ,İ^È%º,İŽB-t,<sup>3</sup>Å^ê'v,İ”»'f,ðs,È,ç,Û,·B

**'O•û^ê'v:**

Žw'è,µ,½•¶Žš—ñ,ÆfEfBf“fhfEf^fCfjf<,İ'O•û,^ê'vB  
—á) uf, ' - FILE.TXTv ,È,ç,İ "f, ' " ,İŽw'è,Å^ê'vB

**Œã•û^ê'v:**

Žw'è,µ,½•¶Žš—ñ,ÆfEfBf“fhfEf^fCfjf<,İŒã•û,^ê'vB  
—á) uf, ' - FILE.TXTv ,È,ç,İ "FILE.TXT" ,İŽw'è,Å^ê'vB

**%op'â→•¶Žš:**

%op'â→•¶Žš,İ“^êŽ<,<sup>3</sup>ê,éB”¼Šp,İ%opŽš,İ,Ý,É—  
LŒø,Å'SŠp•¶Žš,İ“^êŽ<,<sup>3</sup>ê,Û,<sup>1</sup>ñB  
—á) "FILE.TXT" "file.txt" "File.Txt" ,İ“^,¶,Æ,Ý,È,<sup>3</sup>ê,Û,·B

**”¼Šp'SŠpffj^ffj:**

”¼Šp,Æ'SŠp,İffj^ffj,İ“^êŽ<,<sup>3</sup>ê,éBffj^ffj,İ,Ý,Å—LŒø,Å  
%opŽš,İ”¼Šp'SŠp,È,ç,İ“^êŽ<,<sup>3</sup>ê,Û,<sup>1</sup>ñB  
—á) "f, ' " "ÒÓ' " ,İ“^,¶,Æ,Ý,È,<sup>3</sup>ê,Û,·B

fEfBf“fhfEf^fCfjf<,İŒÿõ,Å,İA□ă<L^ÈŠO,İ^á,ç(”¼Šp,Æ'SŠp,æ•Ê,<sup>3</sup>ê,é  
%op”Žš,â<L□t,È,ç)  
,â<ó” ,ðŠÛ,pê□,» ,İŒÅ” ,È,ç,à^ê'v,İðŒ□,É,È,é,İ,Å<C,ð•t, ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,çB

,È,“Aftf%ofO,É REAL ,ðŽw'è, ,é,È,çAŠ®'S^ê'v,ÅŒÿõ, ,éê□,İAŽB-  
t,ÈŒÿõ,İ^ê□□s,È,í,ê,Û,<sup>1</sup>ñB

fNf%ofX-¼,ª•ª,©,Á,Ä,ç,éê□□A"@fNf%ofX-¼" ,Æ, ,ê,İfNf%ofX-¼,É'İ, ,é^—  
□,ªs,È,İ,Û,·BfNf%ofX-¼,ðŽw'è, ,éê□□,à%op'â→•¶Žš,à”äŠr,<sup>3</sup>ê,Û, ,µA,±  
,İê□□'O•û^ê'v,Æ,İ,È,è,Û,<sup>1</sup>ñB

fnf“fhf<”Ô□t,ª•ª,©,Á,Ä,ç,éê□□A"\$fnf“fhf<”Ô□t"  
,Æ, ,ê,İŽw'è,İfnf“fhf<”Ô□t,ðŽ□,ÆfEfBf“fhfE,É'İ, ,é^—  
□,ªs,È,İ,Û,·Bfnf“fhf<”Ô□t,İ16□i□” ,ÅŽw'è,µ,Û,·B

-ß,é

□\‘¢%o»

WinBatchEh,Â,Í,¢,,Â,©,ìfRf}}f“fh,É,Â,¢,Ä□\‘¢%o»,ð□s,È,Á,Ä<L□q,·,é,±

,Æ,ª,Â,«,Ü,·□B□\‘¢%o»,ð□s,È,α

,Æ□A□ðŒ□”»è,É,æ,é•i□”,ìfRf}}f“fh□s,âŒJ,è•Ô,μ,ìŽÀ□s□A•jŽG,È•ªŠò,È,Ç,ð

GOTO ,ðŽg—p,<sup>1</sup>,,É<L□q,Â,«□Afofbf` ,ðŒ©,â,·,□A,Ü,½ŠĚ’P,É,·,é,±

,Æ,ª,Â,«,Ü,·□B

□\‘¢%o»,ð□s,È,α,É,Í□\‘¢%o»,ìŠŽn-½—β(IF ,â FOR, WHILE),Æ□A□I—<sup>1</sup>-½—

β(ENDIF ,â ENDFOR, ENDWHILE)□A,ðfyfA,É,μ,Ä•K—v,Æ,μ,Ü,·□B

□\‘¢%o»ŠŽn-½—β

:

ŽÀ□s,·,éRf}}f“fh

:

□\‘¢%o»□I—<sup>1</sup>-½—β

□'''l,ìžw'è

□'''l,ìžw'è,í10□i□",Ü,½,í16□i□",Åžw'è,ð□s,È,ç,Ü,·□B□æ"ª,ð 0x ,Ü,½,í 0X ,Åžn,ß,é,Æ16□i□"□A,»,ê^ÈŠO,È,ç10□i□",ìžw'è,Æ,È,è,Ü,·□B

□'''l,ìžw'è,ð□s,È,ª•"•ª,Å%%ŽŽ,ð□s,È,ª,±,Æ,à,Å,«,Ü,·□B%%ŽŽžq,í^È %%ª,ì,à,ì,ªžg—p%%Å"\,Å,·□B

	<%%ŽŽžq>	<%%ŽŽ,ì"à-e>
<-D□æ□#^Ê>		
1	RANDOM	-□□",ð"□¶
1	ERRORLEVEL	ERRORLEVEL,ì'l
1	ŠÂ<<•İ□"-¼	ŠÂ<<•İ□",ì'l
1	( )	Š‡ÆÊ (□æ,É%%ŽŽ)
2	*	□æžž(Š ,-žž)
3	/	□èžž(Š,,èžž)
3	#	□è-] (Š,,èžž,ð,µ,½
-],è) 3	+	%%Ážž('«,µžž)
4	-	Æ,žž(^ø,«žž)
4	&	AND
5	\$	OR
5	^	XOR
5		

ž®,í•j□",ð□¬,ª□#,í,¹,Äžg—p,Å,«,Ü,·,ª□A%%ŽŽžq,í-D□æ□#^Ê,ðž□,Á,Ä,"è-D□æ□#^Ê,ì□,,ç,à,ì(□ã<L□'''l,ì□¬,ª,ç,à,ì),Ü,ç-D□æ"x,ª□,,-□æ,ÉÆvžž,ª□s,È,í,ê,Ü,·□B

f□[fo□[ftf□□["™,í□l—¶,¹,,É16frfbfgfo□[fWf#f",Å,í16BIT,ì□,"x(0□`65535),Å□A32frfbfgfo□[fWf#f",Å,í32BIT,ì□,"x(0□`4294967295),Å'P□fÆvžž,ð□s,È,Å,Ä,ç,Ü,·□B—á,!,í(0-2),ð□s,È,ª,Æ16frfbfgfo□[fWf#f",Å,í65534,ª□A32frfbfgfo□[fWf#f",Å,í4294967294,ªÆvžž'l,É,È,è,Ü,·□B 'A,µERRORLEVEL,ÉŠÖ,µ,Ä,í16frfbfg□A32frfbfgfo□[fWf#f"<ª□A0□`65535,ì"í^í,ì□'''l,Æ,È,è,Ü,·□B

RANDOM,đŽg—p,·,é,Æ—□□",đ"□¶,·,é,±,Æ,à,Å,«,Ü,·□B—□□",đ"-  
□¶,<sup>3</sup>,<sup>1</sup>,é,É,í□A"RANDOM □"'l" ,Æ,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□BŽw'è,<sup>3</sup>,ê,<sup>1</sup>/<sub>2</sub>□"'l^È%oo<sup>o</sup>,ì 0□` (□"'l-1)  
,ì—□□",đ"□¶,μ,Ü,·□B

ŠÂ««•ï□",đŽw'è,·,é□ê□‡,í % ,Å^í,í,È,,Ä,à\,ç,Ü,<sup>1</sup>,ñ□B'A,μ % ,đ□È—  
a,Å,«,é,ì,í□"'lŽw'è,đ□s,È,π□ê□‡,<sup>3</sup>/<sub>4</sub>,<sup>-</sup>,Å, ,é,±,Æ,É'□^Ó,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B

-ß,é



## Žš, È%¼'zfl[, ì16[]fR[]fh,Æ'è<`•¶Žš—ñ

%¼'zfl[, É, í^È%ºº, ìŽw'è, º[]s, È, ì, Ü, ·[]B[]''l, ì, ·, x, Ä16[]i[]", Å, ·[]B('è<`•¶Žš—ñ, đŽg  
 —p, ·, é[]ê[]†, ì'â•¶Žš, ÅŽw'è, µ, Ä, -  
 ,¾,¾,¾)[]B, È, "fRf}f"fh, â[]ó'Ô, É, æ, èÆø, ©, È, ¢[]ê[]†, º, , è, Ü, ·[]B

	<[]''l>	<'è<`•¶Žš—ñ>
<fL[][, ì"à—e>	0x01	VK_LBUTTON
f}fEfX[]¶f{f^f"	0x02	VK_RBUTTON
f}fEfX%Ef{f^f"	0x04	VK_MBUTTON
f}fEfX'+f{f^f"	0x08	VK_BACK
BackSpace	0x09	VK_TAB
TAB	0x0c	VK_CLEAR
Clear	0x0d	VK_RETURN, VK_ENTER
Enter(Return)	0x10	VK_SHIFT
Shift	0x11	VK_CONTROL
Ctrl	0x19	VK_KANJI
Š;Žš	0x1b	VK_ESCAPE
ESC	0x20	VK_SPACE
SPACE	0x23	VK_END
END	0x24	VK_HOME
HOME	0x25	VK_LEFT
[]©	0x26	VK_UP
[]ª	0x27	VK_RIGHT
[]"	0x28	VK_DOWN
[]«	0x2d	VK_INSERT
Insert		

Delete	0x2e	VK_DELETE
HELP	0x2f	VK_HELP
0`9	0x30`0x39	
A`Z	0x41`0x5a	
Numkey 0`9	0x60`0x69	VK_NUMPAD0`9
*(fAfXf^fŠfXfN)	0x6a	VK_MULTIPLY
+(fvf%fX)	0x6b	VK_ADD
,(fJf“f})	0x6c	VK_SEPARATOR
-(f}fCfi fX)	0x6d	VK_SUBTRACT
.(fsfŠfIfh)	0x6e	VK_DECIMAL
/(fXf%fbfVf...)	0x6f	VK_DIVIDE
F1`F24	0x70`0x87	VK_F1`F24
<u>-ß,é</u>		



## WinBatchEh FAQ(—Ç,, ,éŽž-â,Æ%œñ“š□W)

WinBatchEh^ê”Ê’€□ì  
fofbf`Ç¾ÇÊ  
DOŠÖ~A  
WindowsŠÖ~A  
,»,ì¼

### □šWinBatchEh^ê”Ê’€□ì

□™ Ž©-□,ŕ,á,È,ç,¬,Çf}fVf“,ª¬,ç,ì,Å□Afofbf`ŽÀ□sfEfBf“fhfE,ì\Žì,ìXfNf□□[f<,ª□,¬,¬,Ä□ç,Á,Ä,Ü,·

DOS,Å,íControl-S,Å%œ-  
Ê,ª^êŽž’âŽ~ ,µ,Ü,·,ª□AWinBatchEh,Å,í,»,ìfL□[,íÇø,«,Ü,¹,ñ□Bf□fbfZ□[fW,ðŠm”F,·  
,é,½,ß,É•\Žì,ð’âŽ~ ,µ,½,ç□ê□#,í□Afofbf`ŽÀ□sfEfBf“fhfE,ì^fCfçf<fo□[,ðfhf  
%ofbfO,µ,Ä,,¾,¾,ç□Bfhf%ofbfO,µ,Ä,ç,éŠÖ,í•\Žì,ªŽ~ ,Ü,è,Ü,·□B

□™ □ufRf}f“fh,ì¼□ÚŽÀ□s□v,Å“®□ì,ðŠm”F,µ,½,ç,ì,Å,·,ª“ü—í,·,é,ì,ª-Ê“|,Å,·

fofbf` “à—e•\ŽìfEfBf“fhfE,ªfAfNfefBfu,È□ó’Ô,Å Control-C ,Ü,½,í Control-Insert  
,ð%Ÿ,·,Æ□ACE»□Ýf□[fvf“’†,ìfofbf` ,ì•\Žì,µ,Ä,ç  
,é□æ“ª□s,ª□AfNfŠfbfvf{□[fh,ÉfRfs□[ ,¾,è,Ü,·□B,»,ìÇä□A□ufRf}f“fh,ì¼□ÚŽÀ□s□v  
,ð’ìð,·,è,ì□A□æ,Ü,ÇfNfŠfbfvf{□[fh,ÉfRfs□[ ,µ,½“à—e,ªŽÀ□s,Å,«,Ü,·□B  
,ç,È,Ý,É□A□ufRf}f“fh,ì¼□ÚŽÀ□s□v,Å F1 fL□[,ð%Ÿ,·,Æ□AZÀ□s,µ,æ,æ,Æ,µ,Ä,ç  
,éfRf}f“fh,ìfwf<fv,ª•\Žì,¾,è,é□A,Æ,ç,æ<@“\,à, ,è,Ü,·□B

### □šfofbf` Ç¾ÇÊ

□™ ERRORLEVEL,ª0,ì,Æ,«,¾,¬GOTO,Å•ªŠð,µ,½,ç,ì,Å,·,ª□A•K, ,ªªŠð,µ,Ä,ç,µ,Ü,ç  
,Ü,·□B,È,ª,Å,µ,å,æ,©?

ŽŸ,ì—í,É,·,é,Æ•K, LABEL,ÉGOTO,µ,Ä,µ,Ü,ç,Ü,·□B

IF ERRORLEVEL 0 GOTO LABEL

,±  
,è,íERRORLEVEL,ì”»’f,í□A□uŽw’è,ì□”’l^È□ã,ì,Æ,«□v,É□^,Æ,È,é,½,ß,Å□AERRORL  
EVEL,í,Å,È,ÉÓ^È□ã,ì’l,ª“ü,Á,Ä,ç,Ü,·,ì,Å□A,æ,Ü,,ç,«,Ü,¹,ñ□B

ŽŸ,ì—í,É,·,è,îERRORLEVEL,ª0,ì,Æ,«,¾,¬AGOTO,ª□s,È,í,è,Ü,·□B

IF ERRORLEVEL NOT 1 GOTO LABEL

,Ü,½,Í  
IF %ERRORLEVEL%==0 GOTO LABEL

,¿,È,Ý,ÉERRORLEVEL,ª1,Ì,Æ,«,¾,¯GOTO,·,é,É,ÍŽŸ,ì—l,É,μ,Ü,·B

IF ERRORLEVEL 1 IF NOT ERRORLEVEL 2 GOTO LABEL

,Ü,½,Í  
IF %ERRORLEVEL%==1 GOTO LABEL

## šDOSŠÖ~A

™ DOSfRf}f“fh,lfŠf\_fCfCfNfgo—l,ðs,È,Á,Ä,àC<%oÊ,ªftf@fCf<,É•Û‘¶,³,ê,Ü,¹,ň

WinBatchEh,lfofbf`“à,ÁDOSfRf}f“fh,lfŠf\_fCfCfNfvf#“,l[s,È,ì,Ü,¹,ňB—á,ì,Í  
"MEM > MEM\_OUT.TXT" ,Æ,μ,Ä,à MEM\_OUT.TXT,É,Í%½,à“ü,è,Ü,¹,ňB  
,±,ì—l,Èê±,lADOS—p,lfofbf`ftf@fCf<,ð•Ê,É—  
p^Ó,μ,ÄAWinBatchEh,©,ç,»lfofbf`ftf@fCf<,ðCOMMAND.COM,ðCo—  
R,μ,ÄCÄ,Ño,·,æ,κ,É,μ,Ä,,¾,³,çB

—á,ì,ÍDOS,Á“®,©,·fofbf` ,ðADOSBAT.BAT ,Æ,μ,ÄA

-----  
@ECHO OFF  
MEM > MEM\_OUT.TXT  
-----

,ì,æ,κ,Éoì¬,μ,Ä,“,«AWinBatchEh,lfofbf` ,©,ç,±,lfofbf` ,ðA

COMMAND.COM /C DOSBAT.BAT

,ì,æ,κ,ÉCÄ,Ño,¹,ÍOK,Á,·B

™ DOSfRf}f“fh,ªl—¹,μ,½Cä,ç,¿,ç,¿EfBf“fhfE,ð•Â,¶,é,ì,ª-Ê“|,Ä,·

Windows95,Á,ÍDOSfRf}f“fh,ªl—¹,μ,½CäAAl—  
¹,μ,½oó’Ô,ÁEfBf“fhfE,ðŽè,Á•Â,¶,É,¯,è,lfEfBf“fhfE,ªŠJ,ç,½,Ü,Ü,É,È,é,±,Æ,ª, ,è,  
Ü,·BŽ©“®“l,ÉEfBf“fhfE,ð•Â,¶,é,æ,κ,É,·,é,É,ÍAfGfNfXfvf[]f%o  
,ÁAZÀ[s,·,éDOSfRf}f“fh,lf@fCf<,lfvf[]pfefB,ð•Ž!,μA[]ufvf[]fOf  
%of€[]vf^fu,ì[]ufvf[]fOf%of€l—¹ŽŽ,ÉEfBf“fhfE,ð•Â,¶,é[]v,É`fFfbfN,ð“ü,è,Ä,-  
,¾,³,çB

## šWindowsŠÖ~A

™ ‘,çftf@fCf<-¼,â<ó” ,ðŠÜ,ň,¾ftf@fCf<-¼,ð^μ,ç,½,ç,ì,Ä,·,ª

32frfbfgfo[fWfj" ,Á,íAWindows95<y,ÑNTã,Á,ì',çftf@fCf<-  
¼,â<ó'' ,ðŠÜ,ñ,¾ftf@fCf<-¼,É'í%ož,µ,Ä,ç,Ü,·B,È, "A<ó'' ,ðŠÜ,pftf@fCf<-  
¼,ð^µ,æê±,íA"" ,Áftf@fCf<-¼,ð^í,æŽ-,ð-Y,ê,È,ç,Ä,,¾,¾,çB

—á: START "C:\Program Files\WinBatchEh\WINBAT32.EXE" "C:\Batch Files\  
foo.btw"

™ SENDKEY,Á•ŕŽš—ñ,ð'—,Á,Ä,ç,é,ì,Á,·,ªA, ,é•ŕŽš,¾,¯,ª,æ,Ü,,ç,«,Ü,¹,ñ

SENDKEY,íAfvfŠfP[fvfv" ,É,æ,Á,Ä,íA'S,•ŕŽš,ª'—,ê,È,©,Á,½,èA, ,é•ŕŽš,¾,¯,  
(—á,ì,ífsfŠfífh,âçfR[f<,ì<L[+¾,¯),ª'—,ê,È,çŽ-,ª, ,è,Ü,·B  
SENDKEY,ª,æ,Ü,·s,©,É,çê±,íAfNfŠfbfvf{[fh~ACEg,ðŽg—p,·,ê,ì,æ,Ü,·s,-  
ê±,ªA'½,ç,ÆŽv,ç,Ü,·,µA•ŕŽš—ñ,ð'—,éê±,í,±,ì•û-@,ì•û,ªSy,Á,·B

fNfŠfbfvf{[fh~ACEg,Æ,ç,æ,Æ"i,µ,»æ  
,Á,·,ªA,â,è•û,ÍŠÈ'P,ÁASETCLIPBOARD,Á'—,è,½,ç•ŕŽš—  
ñ,ðfNfŠfbfvf{[fh,ÉfRfs[µ,Ä,,«ASENDKEY,Á Control-V ,ìL[ð'—  
,é,¾,¯,Ä,·B  
—á:

SETCLIPBOARD C:\WINDOWS\README.TXT  
SENDKEY "ftf@fCf<,ðŠJ," ^'V'

™ f}fCfRf"fsf...[f^ ,âfvfŠf" f^ ,ìftfHf<f\_ ,ðŠJ,«,½,ç,ì,Á,·,ª

Windows95,ì"ÁŽêftfHf<f\_ ,ðfI[fvf" ,·,é,É,íAEXPLORER.EXE,ì<N"® ,ÁACL SID,ðŽ  
w'è,·,é•K—v,ª, ,è,Ü,·B

Žâ,È"ÁŽêftfHf<f\_ ,ìŠJ,«,©,½(CE©,É,,ç,Æ,« ,ífEfBf"fhfE,ì•,ðL,°,ÄCE©,Ä,-  
,¾,¾,çBEXPLORER,ìfpf%of[f^ ,í"r't,Áfxfy[fX,ð"ü,ê,½,è  
%oü[s,¹, ,ÉŽw'è,µ,Ä,,¾,¾,ç):

f}fCfRf"fsf...[f^ " EXPLORER.EXE ::{20D04FE0-3AEA-1069-A2D8-  
08002B30309D}  
,²,Ý" " EXPLORER.EXE ::{645FF040-5081-101B-9F08-00AA002F954E}  
f\_fCf,,f<fAfbfvfìfbfgf[fN " EXPLORER.EXE ::{20D04FE0-3AEA-1069-A2D8-  
08002B30309D}\::{992CFFA0-F557-101A-88EC-00DD010CCC48}  
fvfŠf" f^ " EXPLORER.EXE ::{20D04FE0-3AEA-1069-A2D8-08002B30309D}\::  
{2227A280-3AEA-1069-A2DE-08002B30309D}  
fìfbfgf[fNfRf"fsf...[f^ " EXPLORER.EXE ::{20D04FE0-3AEA-1069-A2D8-  
08002B30309D}\::{208D2C60-3AEA-1069-A2D7-08002B30309D}  
fRf"fgf[f<fpfìf<(CONTROL.EXE,ð<N"®,·,·,é•û,ªŠÈ'P,Á,·:-) " EXPLORER.EXE ::  
{20D04FE0-3AEA-1069-A2D8-08002B30309D}\::{21EC2020-3AEA-1069-  
A2DD-08002B30309D}  
fufŠ[fvfvP[fX(•É,ÉŠJ,,¾,¯,Á,·) " EXPLORER.EXE C:\WINDOWS\ÄP½,Ä`ìB\  
ìpØ°ì¹½

□™ fRf“fgf□□[f<fpjlf<“à,lfAfCfRf“ ,đŠÈ’P,É<N“ ® ,μ,½,ϕ,ì,Å,·,ª

fRf“fgf□□[f<fpjlf<,É, ,éfAfCfRf“ ,ÍŠg’£Žq,ªCPL,ìftf@fCf<,È,ì,Å,·,ª□A,±,ìftf@fCf<,í,±,ì,Ü,Ü,Å,ÍŽÅ□s,Å,«,Ü,¹,ñ□BCPL,ìftf@fCf<,ì<N“ ® ,đ□s,É,ª,É,ÍŽŸ,ì—ì,É,μ,Ü,·□B

CONTROL.EXE CPLftf@fCf<

—á: CONTROL.EXE NETCPL.CPL

,È,“□A“ ,¶MAIN.CPL,ì—ì,É•;□” ,ìffjefSfŠ,ªŠÜ,Ü,ê,é□ê□‡,í□AŽŸ,ì—ì,É<N“ ® ,μ,Ü,·□B

CONTROL.EXE MAIN.CPL,@0 (f}fEfX)  
CONTROL.EXE MAIN.CPL,@1 (fL□[f{□[fh)  
CONTROL.EXE MAIN.CPL,@2 (fvfŠf“f^)  
CONTROL.EXE MAIN.CPL,@3 (ftfHf“fg)

,Ü,½□Afvf□pfefBfV□[fg“à,ìŽn,β,ÉŠJ,f^fu,đŽw’è,·,é,É,í□AŽŸ,ì—ì,É,μ,Ü,·(Æø,©,È,ϕ,à,ì,à, ,è,Ü,·)□B

CONTROL.EXE DESK.CPL,,3

□ã,ì—á,Å,í□A%œ-Êfvf□pfefB,ì□¶,©,ç4”Ô-Ú,ì□u□Ú□x□v,ªŽn,β,ÉŠJ,,æ,ª,É,μ,Å,ϕ,Ü,·□B,È,“□AŽw’è,·,é□”’l,í^ê”Ô□¶,đ 0 ,Å□” ,í□AŠg’£<@“(PLUS! ,âfffBfXfvfÆfCfhf%ofCfo,lf^fu),í□” ,ì,Ü,¹,ñ□B

,¿,È,Ý,ÉRUNDLL32.EXE,đŽg—p,μ,Ä,à<N“ ® ,Å,«,Ü,·□B

RUNDLL32.EXE Shell32.dll,Control\_RunDLL NETCPL.CPL

□™ f\_fCf,,f<fAfbfvfifbfgf□□[fN,ì□Ú’±f\_fCfAf□fO,đ,ϕ,«,È,è□o,μ,½,ϕ,ì,Å,·,ª

Windows95,ìf\_fCf,,f<fAfbfvfifbfgf□□[fN,ì□Ú’±f\_fCfAf□fO,đ•\Ž!,·,é,É,ÍŽŸ,ì—ì,É,μ,Ü,·□B

RUNDLL32.EXE RNAUI.DLL,RnaDial f\_fCf,,f<fAfbfv,ì□Ú’±-¼

—á: RUNDLL32.EXE RNAUI.DLL,RnaDial Internet “Æ<žAP

f\_fCf,,f<fAfbfv□Ú’±-¼,ífXfy□[fX•¶Žš,È,Ç,đŠÜ,β,Ä□³Sm,É<L□q,·,é•K—v,ª, ,è,Ü,·□B

□™ BTWftf@fCf<,đWINBATCH,ÉŠÖ~A•t, ,μ,½,ì,Å,·,ªfofbf` ,Ö,ìfpf %of□□[f^,ª“n,è,Ü,¹,ñ

BTW,Ö,ìŠÖ~A•t, ,đ□s,È,ª,Æ,«,É□Afpf%of□□[f^,à<L□q,μ,Ä,,¾,¾,ϕ□B

—á: C:\WINUTY\WINBATCH\WINBAT32.EXE "%1" %2 %3 %4 %5 %6 %7 %8 %9

,È, "AWinBatchEh

Ver.1.30^È'O,ÌSAMPLE"à,É"Y•t,Ì00SETUP.BTW(Ver.1.15^È'O),Å,ÍAfpf  
%oof[[f^[[,ð"n,·,æ,æ,ÉŠÖ~A•t,·,ð[s,È,Á,Ä,ç,Ü,<sup>1</sup>,ñ,Ì,ÅŽè,ÅY'è,µ<sup>1</sup>/<sub>4</sub>,·K—v,<sup>a</sup>, ,è,  
Ü,·B

Windows95,Ìu'—,é[v,ÉA"ì,Á,½fofbf`ftf@fCf<,ð"ü,ê,½,ç,ì,Å,·,<sup>a</sup>

Windows,ÌSendToftfHf<f\_É"ì"·,·,éVf#[[fgf]fbfg,Ìftf@fCf<-¼Žw'è,É,Ífpf  
%oof[[f^,ð—^,·,é,±,Æ,<sup>a</sup>,Å,«,È,ç,ì,ÅA"WINBAT32.EXE FILENAME.BTW"  
,È,Ç,Æ,µ,Äfofbf` ,ð<N"® ,·,é,±  
,Æ,Í,Å,«,Ü,<sup>1</sup>,ñ,<sup>a</sup>AWBATCP,ÅEXEftf@fCf<,É,µ,ÄASendToftfHf<f\_É"ü,ê,Ä,·,·,ÌOK,  
Å,·B,±,ê,ÍNIFTY SERVE:QFG00477 ,j,` ,y,y,<sup>3</sup>,ñ,É' ,ç,½fAfCfffA,Å,·B

Windows , ,éŠg'£Žq,Ìftf@fCf<,ðNfŠfbfN,µ,½,Æ,«,ÉA"ì,Á,½fofbf`ftf@fCf<,<sup>a</sup><N"® ,·,é,  
æ,æ,É,µ,½,ç,ì,Å,·,<sup>a</sup>

WBATCP,ÅEXEftf@fCf<,É,·,ê,ÌAŠÖ~A•t,·,ð[s,È,·,Ü,·BŠÖ~A•t,·,Å<N"® ,<sup>3</sup>,ê,½"É  
"[[Afofbf`ftf@fCf<,ì %1 ,É'ÌÜ,Æ,È,éftf@fCf<-¼,<sup>a</sup>"ü,è,Ü,·B

Windows NT,ÅfOofCf" ,µ,È,·,Ä,àŽ© "®"l,Éfofbf` ,ð<N"® ,µ,½,ç,ì,Å,·,<sup>a</sup>

tantan,<sup>3</sup>,ñ,Ìservice.exe,ðŽg,·,ÌA,Æ,É,©, -  
ŠÈ'P,Å,·Badministrator,È•ù,É,Í' , "Š©,ß,Å,·B"Ú,µ, -  
,ÍWinBatchEh,ðfpf[[fAfbfv,ÌWINNT service for WINBAT32,Ì€-Ú,ð,<sup>2</sup>ŽQ"Æ, -  
,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç"B

Š,»,Ì¼

Windows fwf<fv,ð^óü,µ,½,ç,ì,Å,·,<sup>a</sup>-É"l,Å,·

fwf<fv,ð<N"® ,µ,ÄŽ© "®"l,Éf[[fj...[[,Æf{f^f" ,ð%öY,·fofbf` ,ð'g,ß,Ìc"ç"çA,Æ,ç,æ  
,ì,Ìç'k,Å,·,ÅAfrf}f"fhfŠftf@fCf<"fX,Ìfwf<fv,Ìf[[fX(RTFftf@fCf<),ðEöŠJ,µ,Ä,ç  
,Ü,·,ì,ÅA,±,ç,ð,<sup>2</sup>—~—p' ,·,Ü,µ,½,ç,ÆŽv,ç  
,Ü,·Bfrfbfgf}fbfv,<sup>a</sup><sup>2</sup>,·,Ä,Ü,·,ì,Å'½" ,ÌŽè'¼,µ,<sup>a</sup>•K—v,© ,à,µ,ê,Ü,<sup>1</sup>,ñ,<sup>a</sup>AMicrosoft  
Word,È,Ç,Å"Ç,Ý"ž,ñ,ÅA^ê<" ,É,<sup>3</sup>/<sub>4</sub>"[ ,Á,Æ^óü,Å,«,é,© ,ÆŽv,ç,Ü,·B

Windows WINBATCH.INI,ÉY'è,·,é— <Z,<sup>a</sup>, ,é,ì,Å,·,©?

,Á,Ä"€-Ú,<sup>a</sup>, ,éŽ-,©,ç,µ,ÄA,ç,â,Á,Æ,µ,½— <Z,<sup>a</sup>, ,è,Ü,·,ì,Å,<sup>2</sup>"D%öî,µ,Ü,·:-)  
,È, "A,ß,â,Ý,É•ÍX,·,é,Æ"®"ì,<sup>a</sup>,·,©,µ,·,È,é,© ,à,µ,ê,Ü,<sup>1</sup>,ñ,Ì,ÅA"Á,É•s-ž,<sup>a</sup>,È,ç  
,ì,Å,µ,½,ç-<sup>3</sup>—,ÉY'è,µ,È,ç•ù,<sup>a</sup>-<sup>3</sup>"i,Å,·^ ^;  
,·,·,×,ÅA[Setup]fZfNfVf#f" ,Å,·BŽn,ß,ÌfGf"fgfŠ" ,·,·,·,µ,Ü,<sup>1</sup>,ñ,Ì,ÅAfgffBf^" ,È  
,Ç,ÅfGf"fgfŠ" ,ð'Ç%öÁ,µ,Ä,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç"Bfo"[[fWf#f" ,É,æ,Á,Ä,Ìftf[[fg,<sup>3</sup>,ê,Ä,ç,È,ç



,à,ì,à, ,è,Ü,·□B

EscAsExit=1

WinBatchEh,ìf□fCf“fEfBf“fhfE,Å[ESC]fL□[,ð%Ÿ,·,Æ□AWinBatchEh,ð□l—  
¹,μ,Ü,·□B□%Šú'l,í 0 ,Å[ESC]fL□[,í-³Æø,Å,·

ToolBar=0

32frfbfgfo□[fWf#f“ ,Åfc□[f<fo□[,ð•\Ž!,μ,Ü,¹,ñ□B□%Šú'l,í 1 ,Åfc□[f<fo□[,ð•\  
Ž!,μ,Ü,·□B

MaxHistory=4

□uftf@fCf<□vf□fjf...□[,ì□Å<ßf□[fvf“ ,μ,½ftf@fCf<fŠfXfg,ì•\  
Ž!□“,ð□Ÿ'è,μ,Ü,·□B□“l,É,í 0□`9 ,ð□Ÿ'è,Å,«,Ü,·□B0  
,ð□Ÿ'è,·,é,Æ□Aftf@fCf<fŠfXfg,ð•\Ž!,μ,Ü,¹,ñ□B□%Šú'l,í 4 ,Å,·□B

WinBatch.ini=MYWINBAT.INI

WINBATC.H.INI,ðWinBatchEh,ìŽÀ□sftf@fCf<,Æ,í•Ê,ìfffBfÆfNfgfŠ,É□ì□¬,μ,Ü,·□Bf□  
fbfgf□□[fNfT□[fo□[,ÉWinBatchEh,ìŽÀ□sftf@fCf<,ð'u,«□AWinBatchEh,ì“®□ìŠÅ<<,í  
fNf%ofCfAf“fg-^,É•Ĭ□X,μ,½,ç□ê□‡,É,Ç,É—~—p,μ,Å,,¾,¾,ç□B  
“C^Ó,ìINI,ìftf@fCf<-¼,ðftf<fpfX,Ü,½,ìftf@fCf<-¼,ì,Ÿ,ÅŽw'è,μ,Ü,·□Bftf@fCf<-  
¼,ì,Ÿ,ðŽw'è,·,é,Æ□AWINDOWS,ìfffBfÆfNfgfŠ,É,É,è,Ü,·□B,±  
,ìfGf“fgfŠ□[,ª'¶□Ÿ,·,é,Æ□AWinBatchEh,ìŽÀ□sftf@fCf<,Æ“~ ,¶fffBfÆfNfgfŠ“à,ìWIN  
BATC.H.INI,ì,±,ê^ÈŠO,ìfGf“fgfŠ□[,í,·,x,Ä-³Ž<,¾,è,Ü,·□B



%o<sup>1</sup>.lfefXfg

SystemStart Windows, i<N"®



%o1,lfefXfg

SystemExit Windows,ì|l—¹



%o<sup>1</sup>.lfefXfg

SystemHand fVfXfef€ fGf%o[]



%o<sup>1</sup>.lfefXfg

SystemExclamation f[]bfZ[]fW(Ex[])



%o<sup>1</sup>.lfefXfg

SystemAsterisk f[]fbfZ[]fW(□î•ñ)



%oo<sup>1</sup>.lfefXfg

SystemQuestion f[]fbfZ[]fW(-â,ç[]#,í,<sup>1</sup>)



%o<sup>1</sup>.lfefXfg  
SystemDefault ^ê"Ê,ìÆx□□%o<sup>1</sup>





## WinBatchEh,đfpf[fAfbfv

WinBatchEh,đfpf[fAfbfv,·,éftfg,â•û-@,đ,²Đ%oî,μ,Û,·B

Winbatch Enhancer Tool 32bit for Access 95(BTWTool)  
,íAK.Abe(GEAR)Ž,·~ìCE ,đ•Û—L,·,éftš[f\ftfgEfFfA,Å,·B  
ComWin<y,ÑComWin Input Box for WinBatchEh(cwwb)  
,íA'OŽ>³•FŽ,·~ìCE ,đ•Û—L,·,éfvfFfAfeFfA,Å,·B  
WINNT service for WINBAT32,ítantanŽ,·~ìCE ,đ•Û—L,·,éftš[f\ftfgEfFfA,Å,·B  
,º,Æ,İŠg'£ŽqŽÀs,íA,º,ÆŽ,·~ìCE ,đ•Û—L,·,éftš[f\ftfgEfFfA,Å,·B  
Microsoft Windows95<y,ÑMicrosoft Windows NTAMicrosoft Access for  
Windows 95,íAMicrosoft Corporation,·~ìCE ,đ•Û—L,·,éžs"İf\ftfgEfFfA,Å,·B

## ™ Winbatch Enhancer Tool 32bit for Access 95 (BTWTool)

Winbatch Enhancer Tool 32bit for Access 95(BTWTool),íAK.Abe(GEAR)  
,³,ñ(Internet-mail:kazu-a@sanynet.ne.jp)  
,ºì,ç,è,½AWinBatchEh,İ,½,ß,İ“”šJ”ŠÂ««,Å,·B  
WinBatchEh'P'ì,Å,İšJ” —p,İŠÂ««,·S,—p^Ó,³,è,Ä,“,ç,·Afofbf` ,İšÇ—  
“,âfGfffBf^ ,Å,İ•ÒW,àžè“® ,Ås,È,í,È, -,è,İ,È,è,Û,¹,ñ,ºABTWTool,É,æ,èšJ”-  
Žž,İ,»,¼,μ,½•%o'S,đ-³,,·ž-,º,Å,«,Û,·B  
,È,“A,±,İfVfXfef€,đ“®ì,³,¹,é,É,íAMicrosoft Access for Windows 95 ,º•K—  
v,Å,·B  
Žâ,È“o~^æ:http://www.sanynet.ne.jp/~kazu-a/

## ™ ComWin Input Box for WinBatchEh (cwwb)

ComWin Input Box for WinBatchEh(cwwb),íA'OŽ>³•F,³,ñ(NIFTY  
SERVE:SGQ00310)  
,ºì,ç,è,½AComWin,İfRf}f“fh,đWinBatchEhä,Å“®ì,³,¹,é,fWf...[f<,Å,·B  
ComWin,İfRf“f[f<ŠÂ««,đ,±,İä,à,È,Šg'£,·,éftfg,Å,·,ºA,±,İf,fWf...[f<,đžg—  
p,·,éž-,É,æ,èAComWin,İfRf}f“fh<y,ÑComWin—p,Éì,³,è,½-  
L•x,ÉfRf}f“fh,đAWinBatchEhä,ÅžÀs,Å,«,é,æ,¼,É,È,è,Û,·B  
Žâ,È“o~^æ:NIFTY SERVE:FWINAL LIB-5/FGALTS LIB-4

## ™ WINNT service for WINBAT32

WINNT service for WINBAT32,íAtantan,³,ñ(NIFTY SERVE:SGL00213)  
,ºì,ç,è,½WinBatchEh,İfofbf` ,đNT,İfT[f\rfX,Åž©“®<N“®,·,é,½,ß,İ“Y'èfvf[fOf  
%of€,Å,·B  
Windows  
NT,ÅfT[f\rfX,Éfofbf` ,đ'g,Ýž,ñ,ÅAf}fVf“ ,đ<N“®,·,é,¾, -,Åf[fOfCf“ ,μ,È,-  
,Ä,àWinBatchEh,É,æ,éž©“®^—,È,Ç,đs,È,¼,±,Æ,ºA,ç

,Æ,àŠÈ'P,ÉŽÀŒ»,Å,«,Û,·□B  
Žâ,È“o~^□æ:NIFTY SERVE:FEXT LIB-3

### □™ LHA command for WinBatchEh and UNLHA.DLL (WBLHA)

LHA command for WinBatchEh and UNLHA.DLL(WBLHA),Í□AWinBatchEh ,Å  
UNLHA.DLL(UNLHA32.DLL) ,đfTf|□[fg,·,éŠO•”fRf}f“fhft□[fefBfŠfefB□[,Å,·□B  
WinBatchEh □ã,ìfofbf` ,Å,±,ìfRf}f“fh,đŒÄ,Ñ□o,·,±  
,Æ,É,æ,è□Afofbf` “à,ÅLHAftf@fCf<,ì□^—□,đŠÈ'P,É□s,È,æ,±,Æ,ª,Å,«,Û,·□B  
Žâ,È“o~^□æ:NIFTY SERVE:FWINAL LIB-5/FGALTS LIB-4

### □™ ExitWindows for WinBatchEh32 (WBEXIT16)

ExitWindows for WinBatchEh32(WBEXIT16)  
,Í□AWinBatchEh,ì32frfbfgfo□[fWf†f“,Å16frfbfgfo□[fWf†f“,Æ“~“™,ìEXITWINDOW  
SfRf}f“fh,È,Ç,đŽÀŒ»,·,éfRf}f“fh,Å,·□B32frfbfgfo□[fWf†f“,ÅRESTARTWINDOWS,  
âEXITWINDOWSEXECfRf}f“fh,đŽÀ□s,μ,½,¢□ê□‡,ÉŽg—p,μ,Å,,¾,¾,¢□B  
Žâ,È“o~^□æ:NIFTY SERVE:FWINAL LIB-5/FGALTS LIB-4

### □™ Batch File Compiler for WinBatchEh (WBATCP)

Batch File Compiler for WinBatchEh(WBATCP),Í□AWinBatchEh —  
p,Éfofbf`ftf@fCf<,ìfRf“fpfCf<<y,ÑfŠfRf“fpfCf<,đ□s,È,æft□[fefBfŠfefB,Å,·□B  
fRf“fpfCf<,đ□s,È,Å,Å,à•É,É'—“x,ª—,È,é,í,¯,Å,à, ,è,Û,<sup>1</sup>,ñ,μ□AfTfCfY,ª'â,«, -  
,É,é,<sup>¾</sup>,¯,Åf□fŠfbfg,<sup>ª</sup>,È,(ŠÖ~A•t,¯,<sup>ª</sup>,Å,«,é,Æ,¢,æ'ö“x,ìf□fŠfbfg,í, ,è,Û,·,ª)□A,<sup>½</sup>,<sup>¾</sup>,ì  
Œ©%ohfc□[f<,Å,·,ª□Afofbf`ftf@fCf<,É,æ,éfvf□fOf%of~f“fO,ì<C•ª,đ,æ,è□[, -j,í,¢  
,½,¢□ê□‡,É,ì□A^Ó—j,<sup>ª</sup>, ,é,©,à'm,è,Û,<sup>1</sup>,ñ□B  
Žâ,È“o~^□æ:NIFTY SERVE:FWINAL LIB-5/FGALTS LIB-4

### □™ ,º,Æ,ìŠg'£ŽqŽÀ□s (ZEXT)

WinBatchEh —p,ìft□[fefBfŠfefB,Å,í, ,è,Û,<sup>1</sup>,ñ,ª□A,»,ì“<sup>1</sup>,Å,í,¿,â,Á,Æ—L-  
<sup>¼</sup>,È, ,ì,<sup>º</sup>,Æ,<sup>¾</sup>,ñ(NIFTY SERVE:SGL00536)  
,ª□ì,ç,è,<sup>½</sup>WinBatchEh,Å“®□ì,·,éfofbf` ,É,æ,éfAfvfŠfP□[fvf†f“,Å,·□B  
“¯,¶Šg'£Žq,ìŠÖ~A•t,¯,đ□Å'â8Ží—p,Û,ÅŠg'£□A<N“®Žž,É“C^Ó,ìWAV,đ-  
Å,ç,·□A•ÇŽ†,ì•ì□X,È,Ç-L•x,È<@“\,ª—p^Ó,<sup>¾</sup>,è,Ä,¢,Û,·□B  
Žâ,È“o~^□æ:NIFTY SERVE:FWINAL LIB-15/FGALTS LIB-4



## fvfFfAfeFfFA,É,Â,ç,Ä

™ WinBatchEh,ÍfvfFfAfeFfFA,Ä,·

WinBatchEh ,ÍfvfFfAfeFfFA,Ä,·B'—à,·,é%  
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%oß,¬,é,ÆAID "o~^,ÉSÖ,·,é^Ä"à,ªN"® ŽŽ,ÉŽŽÜ•Žl,³,ê,Ü,·B

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10□`	19f%ofCfZf“fX	@450%oo~
20□`	39f%ofCfZf“fX	@400%oo~
40□`	79f%ofCfZf“fX	@350%oo~
80□`	159f%ofCfZf“fX	@300%oo~

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NIFTY SERVE:SDI00618, Internet-Mail:SDI00618@niftyserve.or.jp

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## WinBatchEh API fŠftf@fŒf“fX

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WinBatchEh API fŠftf@fŒf“fX,ìŽQ□Æ



