

# MACRO for Tera Term

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MACRO (TTPMACRO.EXE) , í Tera Term —pf}fNf ŽÀ sfvf fOf%of€  
, Å, ·Bf}fNf CE¾CEê "Tera Term Language (TTL)" , É, æ, Á, Ä A Tera Term  
, ð §CEä, µ AfI [fgf\_fCfAf< AfI [fgf fOfCf" , È, Ç, ì @ "\, ð ŽÀ CE» , ·, é, ±, Æ, ¢, Å, «, Ü, ·B

Žg, ç • û

f}fNf ŽÀ s-@

fRf}f“fhf%ofCf“

"TTL" ftf@fCf<, ð MACRO , ÉŠÖ~A•t, , é•û-@

**f}fNf CE¾CEê "Tera Term Language (TTL)"**

**TTL fRf}f“fhfŠftf@fCEf“fX**

**•â'« à-¾**

## f}fNf ŽÀ s-@

TTPMACRO.EXE , Í TTERMPRO.EXE , , , é f f f B f C E f N f g f Š , É ' u , © , ê , Ä , ç , È , ÷ , ê , î , È , è , Ü , ¹ , ñ B

f}fNf ftf@fCf< , ð Ž À s , , , é , É , í A 2 ' Ê , è , ì • û - @ , , , è , Ü , • B

### 1) Tera Term , © , ç f}fNf , ð Ž À s , , , é B

Tera Term , ì [Control] Macro fRf}f"fh,ðŽÀs,μ,Ä,,¾,¾,çB, , , é , Æ AMACRO , <N"® , μ Af}fNf ftf@fCf< (\*.TTL) , ð ' ì ð , , , é f C f A f f O f { f b f N f X , æ » , è , é , ì , Å A Ž À s , μ , ½ , ç f}fNf ftf@fCf< , ð ' ì ð , μ , Ä , - , ¾ , ¾ , ç B

### 2) MACRO , ð ' ¼ Ú <N"® , μ Af}fNf , ð Ž À s , , , é B (Tera Term , í f}fNf , © , ç <N"® B)

TTPMACRO.EXE , ð <N"® , , , é , Æ , « , ì f R f } f " f h f % o f C f " ( f V f # [ f g f j f b f g , ì Š f " f N æ ) , Å f } f N f f t f @ f C f < - ¼ , ð Ž w ' è , , , é , ± , Æ , æ , Å , « , Ü , • B - á , ì , í f}fNf ftf@fCf< "DIALUP.TTL" , ð Ž À s , μ , ½ , ç ê # AfRf}f"fhf%ofCf" (fVf#[fgfjfbfg,ìŠf"fNæ) , í A

### TTPMACRO DIALUP.TTL

, Æ Ž w ' è , μ , Ä , , ¾ , ¾ , ç B f}fNf ftf@fCf< - ¼ , ì Š g ' £ Ž q ".TTL" , í È - æ % Å \ , Å , • B f}fNf ftf@fCf< - ¼ , ð È - æ , , , é , Æ AMACRO <N"® æ ä , É f}fNf ftf@fCf< , ð ' ì ð , , , é f C f A f f O f { f b f N f X , æ » , è , Ü , • B , æ , Ž g - p , , , é f}fNf , í A f A f C f R f " ( f V f # [ f g f j f b f g ) , ð ì ñ , μ , Ä , " , , Æ • Ö - ~ , Å , • B

• û - @ 2) , Å AMACRO , ð <N"® , μ , ½ ê # Af}fNf fRf}f"fh connect , É , æ , Å , Ä ATera Term , ð <N"® , , , é , ± , Æ , æ , Å , « , Ü , • B

f}fNf Ž À s ' t , í A uMACRO - <f}fNf ftf@fCf< - ¼ > v , Æ , ç , æ f A f C f R f " , Ü , ½ , í f C f A f f O f { f b f N f X , æ , , ç , í , ê , Ü , • B f C f A f f O f { f b f N f X , ì uPause v / uStart v / uEnd } f ^ f " , ð % Ÿ , , Æ f}fNf , ð â Ž ~ / Ä Š / | - ¹ , , , é , ± , Æ , æ , Å , « , Ü , • B

## fRf}f“fhf%ofCf“

**TTPMACRO.EXE [/I] [/V] [<macro file> [<second param>] [<third param>]]**

,±,±,Å:

<b>/I</b>	<N“ ® Žž,É MACRO ,ďfAfCfRf“%o»
<b>/V</b>	<N“ ® Žž,É MACRO ,ď %oB,·
<b>&lt;macro file&gt;</b>	f}fNf[]ftf@fCf<-¼
<b>&lt;second param&gt;</b>	fVfXfef€•i[]” param2 ,ÉŠi”[,³,ê,é•¶Žš—ň
<b>&lt;third param&gt;</b>	fVfXfef€•i[]” param3 ,ÉŠi”[,³,ê,é•¶Žš—ň

fVfXfef€•i[]” param2, param3 ,É,Â,ç,Ä,Í “i[]” ŽQ[]Æ[]B

## "TTL" ftf@fCf<,đ MACRO ,ÉŠÖ~A•t,~,é•û-@

Šg'£Žq ".TTL" ,đŽ,Âf}fNf[]ftf@fCf<,đ MACRO ,ÉŠÖ~A•t,~,é,É,Í□A^È%oo°,ì,æ,κ  
,É,μ,Ä,,¾,¾,¾,ç□B

### a) Windows 95 ,ÆWindows NT 4.0 ,ìê†

a-1) fGfNfXfvf[]f%o,ì [•\Ž!]-[fifvfVf†"] ,đŽÀ□s,~,é□B

a-2) □uftf@fCf< f^fCfv□vf^fu,đ'l,Ô□B

a-3) □u'Ç%oÁ□vf{f^f",đ%oÿ,μ□A^È%oo°,ì,æ,κ,ÉŠe□€-Ú,đ□Ý'è,~,é□B

**f^fCfv,ì□à-¾:** Tera Term macro files

**ŠÖ~A•t,~,ç,ê,½Šg'£Žq:TTL**

a-4) □ufAfNfVf†"□v,ì□u'Ç%oÁ□vf{f^f",đ%oÿ,μ□AŠe□€-Ú,đ^È%oo°,ì,æ,κ  
,É□Ý'è,~,é□B

**fAfNfVf†": ŽÀ□s**

**fAfNfVf†",đŽÀ□s,~,éAfvfŠfP□[fVf†":**

**"C:\Program Files\TTERMPRO\TTPMACRO.EXE" "%1"**

(Tera Term Pro ,ª C:\Program Files\TTERMPRO ,ÉfCf"fXfg□[f<,¾,ê,Ä,ç  
,é□ê†)

a-5) ŠJ,©,ê,Ä,ç,é\_fCfAf□Of{fbfNfX,ì□uOK□vf{f^f",đ,~,x,Ä%oÿ,~□B

### b) Windows NT 3.51 ,ìê†

b-1) ftf@fCf<f}f[]fWff,ì [ftf@fCf<]-[fAfvfŠfP□[fVf†",Æ,ìŠÖ~A•t,~]  
,đŽÀ□s,~,é□B

b-2) ^È%oo°,ì,æ,κ,É□',□€-Ú,đ□Ý'è,μ□A□uOK□vf{f^f",đ%oÿ,~□B

**Šg'£Žq: TTL**

**ŽÀ□s,¾,ê,éAfvfŠfP□[fVf†"fvf□fOf%of€:**

**"C:\TTERMPRO\TTPMACRO.EXE" "%1"**

(Tera Term Pro ,ª C:\TTERMPRO\TTERMPRO ,ÉfCf"fXfg□[f<,¾,ê,Ä,ç,é□ê†)

## f}fNf ¼Ê "Tera Term Language (TTL)"

TTL ,í BASIC ,ÉŽ—,½'P f,ÈfCf" f^ [fvfŠf^ ^, ì¼Ê, Å, · B, í, â, -  
Šo, i, é, É, í A" z • zfpfbfP [fW, ÉŠÜ, Ü, ê, éf} fNf ftf@fCf<, ìfTf" fvf<, ðŽQ l, É, µ A uTTL  
fRf}f"fhfŠftf@fEf" fX v, ð"Ç, ñ, Å%º, ³, ç B

ff [f^ ^

'è", ìÉ`Ž®

-¼'O, ìÉ`Ž®

•i"

Ž®, Æ%ººŽŽžq

s, ìÉ`Ž®

ff[]f^E^

TTL ,a^μ,i,éff[]f^,ìE^,í2Ží—P[]B

[]@[]”

TTMACRO.EXE for Windows 3.1 ,ì[]ê[]#[]A•„,[]†•t,« 16 bit[]A-32768,©,ç32767,Ü,Å[]B

TTPMACRO.EXE for Windows 95/NT ,ì[]ê[]#[]A•„,[]†•t,« 32 bit[]A-2147483648,©,ç2147483647,Ü,Å[]B

•[]Žš—ñ

NUL •[]Žš,ð[]œ,,·,×,Ä,ì•[]Žš,ðšÜ,P,±,Æ,â,Å,«,é[]B[]Å'â'·,í255•[]Žš[]B

# 'è",ìĚ`Ž®

## 1) "®"Ě^'è"

10"i",Ü,½,Í "\$" ,ÅŽn,Ü,é16"i",Å·\Ě»,·,éB

—á:

**123**

**-11**

**\$3a**

**\$10F**

·%o,ì"®"è",É,Â,ç,Ä,ì'í^Ó

## 2) ·ŕŽš—ňĚ^'è"

·ŕŽš—ňĚ^'è",ð·\Ě»,·,é·û-@,Í2,ÂB

a) 'l,Æ,È,é·ŕŽš—ň,ì—¼'[,ð',©",Å^í,p(—¼'[,Æ,à"~,ŕ·ŕŽš,Å)B·ŕŽš—  
ň'l,ð\[-,·,é·ŕŽš,í·\Ž|°%oÂ"\,Å^í,Ý·ŕŽš,Æ^Ù,È,é·ŕŽš,È,ç,Î%o½,Å,à,æ,çB

—á:

**'Hello, world!'**

**"I can't do that."**

**"Šžš,à%oÂ"\**

b) 1·ŕŽš,ð ASCII (,Ü,½,Í JIS f[f]Žš[AShif-JIS) fR[fh(10"i",Ü,½,Í\$,  
,ÅŽn,Ü,é16"i"),Å·\Ě»,μAæ"ª,É "#",ð,Â,¯,éBASCII fR[fh 0 ,l·ŕŽš  
(NUL) ,í·ŕŽš—ň'è",ÉŠÜ,ß,é,±,Æ,ª,Å,«,È,çB

—á:

**#65**

·ŕŽš "A"

**#\$41**

·ŕŽš "A"

**#13**

CR ·ŕŽš

ASCII fR[fh·\

a) ,Æ b) ,í'g,Ý[-,í,¹,é,±,Æ,ª%oÂ"\B

—á:

**'cat readme.txt'#13#10**

**abc'#\$0d#\$0a'def'#\$0d#\$0a'ghi'**

## -¼'O,ìĚ`Ž®

### 1) •ï",ì-¼'O

1•ŕŽš-Ú,íĚAfAf<ftf@fxfbfg (A-Z, a-z) ,© "-"ĚA2•ŕŽš-  
Ú^ÈĚ~,íĚAf<ftf@fxfbfg,© "-" ,©Ě"Žš (0-  
9)ĚBfAf<ftf@fxfbfg,í'â•ŕŽš,ĚĚ-•ŕŽš,í<æ•Ě,³,ê,È,ĚĚBĚ'â'·,í32•ŕŽšĚB

—á:

**send**  
**VARIABLE1**  
**\_flag**

### 2) f%ofxf<,ì-¼'O

fAf<ftf@fxfbfg (A-Z, a-z) ,© "-" ,©Ě"Žš (0-9) ,ĚĚĚ-³,ê,éĚBĚ'â'·,í32•ŕŽšĚB

—á:

**label1**  
**100**

### 3) —\-ñĚê

^È%º,ÉŽ|,·-¼'O,íĚAfRf}f"fĥ,â%º  
%ºŽŽŽqĚAfVfXfef€•ï",Ě,µ,ĂŽg,í,ê,éĚBftĚ[fUĚ[,ª'è<` ,·,é•ï",âf%ofxf<,ì-  
¼'O,Ě,µ,ĂŽg,ª,±,Ě,í,Ě,«,È,ĚĚB

fRf}f"fĥ:

**bplusrecv, bplussend, changedir...** (fRf}f"fĥfŠfXfg,đŽQĚĚ)

%º%ºŽŽŽq:

**and, not, or, xor**

fVfXfef€•ï":

**inputstr, param2, param3, result, timeout**



## • ĩ

### 1) ft[fU[• ĩ

ft[fU[,É,æ,è'è<` ,³,ê,éBCE^, ,æ,Ñ'l,í%o  
 ,ß,Ä'l,ª'ã"ü,³,ê,½,Æ,«,ÉCE^,Ü,éB,ç  
 ,Á,½,ñCE^,ªCE^,Ü,é,Æ^á,æCE^,ì'l,ð'ã"ü,·,é,±,Æ,í,Å,«,È,çB

### 2) fVfXfef€• ĩ

, ,ç,©,¶,ßCE^,Æ'l,ª'è<` ,³,êA"Á'è,ìfRf}f"fh,Æ<æ,ÉŽg—p,³,ê,éB

	-¼'O	CE^	□%Šú'l	fVfXfef€• ĩ",đŽg —p,·,éfRf}f"fh
<b>inputs</b>	•¶Žš—	""		<u>recvln</u> , <u>waitln</u> ,
<b>tr</b>	ñ			<u>waitrecv</u> ,
				<u>passwordbox</u> ,
				<u>inputbox</u>
<b>param</b>	•¶Žš—	<b>*1</b>	<b>*1</b>	
<b>2</b>	ñ			
<b>param</b>	•¶Žš—	<b>*1</b>	<b>*1</b>	
<b>3</b>	ñ			
<b>result</b>	□®□"	0		<u>bplussend</u> ,
				<u>bplusrecv</u> ,
				<u>kmtfinish</u> ,
				<u>kmtget</u> , <u>kmtrecv</u> ,
				<u>kmtsend</u> ,
				<u>quickvanrecv</u> ,
				<u>quickvansend</u> ,
				<u>recvln</u> , <u>wait</u> ,
				<u>waitevent</u> ,
				<u>waitln</u> , <u>waitrecv</u> ,
				<u>xmodemrecv</u> ,
				<u>xmodemsend</u> ,
				<u>zmodemrecv</u> ,
				<u>zmodemsend</u> ,
				<u>str2int</u> ,
				<u>strcompare</u> ,
				<u>strlen</u> , <u>strscan</u> ,
				<u>filereadln</u> ,
				<u>filesearch</u> ,
				<u>filestrseek</u> ,
				<u>yesnobox</u>

**timeo**    0            recvln, wait,  
**ut**                            waitevent,  
                                  waitln, waitrecv

\*1 MACRO <N" ® Žž,lfRf}f“fhf%ofCf“fpf%of[]f^,ì2, 3”Ô-  
Ú,řVfXfef€•ï” param2, param3 ,ì%Šú'l,Æ,È,éB1”Ô-Ú,ì•¶Žš—  
ň,í}fNf[]ftf@fCf<-¼B“fRf}f“fhf%ofCf“” ŽQÆB

## Ž®,Æ%ŽŽŽq

Ž®,íA'è" A•i" A%ŽŽŽqAfjfbfR,Å•\  
 CE»,;éB'è",Æ•i",í®"CE^,ì,ÝBCE<%Ê,à®"CE^BŠÖCEW%ŽŽŽq,ð  
 —p,ç,½Ž®,ìCE<%Ê,ì'l,íA^,ì,Æ,« 1A<U,ì,Æ,« 0,Æ,È,éB

%ŽŽŽq,ì—Dæ#^Ê,É,æ,é<sup>a</sup>—p,í^È%º,ì,Æ,“,è

Ží—p	— Dæ#^Ê	%ŽŽŽq
'P€% %ŽŽŽq æœ% %ŽŽŽq %ÁCE, % %ŽŽŽq ŠÖCEW% %ŽŽŽq	1 (A,) 2 3 4 (A'á)	<b>not</b>  <b>* / %</b>  <b>+ - or xor</b>  <b>= &lt;&gt; &lt; &gt;</b> <b>&lt;= &gt;=</b>

' : A % B ,ì'l,í A / B ,ì—],èB

—á:

<b>1 + 1</b>	
<b>4 - 2 * 3</b>	,±,ìŽ®,ì'l,í-2
<b>15 % 10</b>	,±,ìŽ®,ì'l,í5
<b>3 * (A + 2)</b>	A,í®"CE^,ì•i"
<b>A and not B</b>	
<b>A &lt;= B</b>	A, B í®"CE^,ì•i" BCE< %Ê,ì'l,íA^,ì,Æ,«1A< U,ì,Æ,«0

## s,ìCE`Ž®

s,ìCE`Ž®,í^È%º,ì4,Â,É<sup>a</sup>—p,Å,«éB,Ç,ìs,à";

•ŕŽš,ÅŽn,Ü,éfRf"fg,ðŠÜ,p,±,Æ,<sup>a</sup>,Å,«éBfRf"fg,í MACRO ,ìŽÀs,É%ºe<¿,ð—  
 ^,!,È,çB

### 1) <ó""s

•ŕŽš,<sup>a</sup>,È,çs,â<ó""•ŕŽš (space ,Ü,½,í tab)  
 ,âfRf"fg,¾,¯,ìsBMACRO,ìŽÀs,É%ºe<¿,ð, ,½,!,È,çB

—á:

**; Tera Term Language**

## 2) fRf}f“fh□s

1,Â,ìfRf}f“fh-¼,Æ0CEÂ^È□ã,ìfpf%of□□[f^□B

CE`Ž®:

**<fRf}f“fh> <fpf%of□□[f^> ...**

—á:

```
connect'myhost'
wait 'OK' 'ERROR'
if result=2 goto error
sendln 'cat'
pause A*10
end
```

## 3) ‘ã“ü□s

•ï□”,É’l,ð’ã“ü,·,é□B

CE`Ž®:

**<•ï□”> = <’è□”□A•ï□”□AŽ®>**

—á:

**A = 33
B = C**

□”’l,ì’ã“ü
C

,Í,·,Å,É’l,ð’ã“ü,³,ê,Ä,È,
~,ê,Î,È,ç,È,ç□B

**VAL = I\*(I+1)
A=B=C**

B=C ,ìCE<%oÉ
(□^:1□A<U:0) ,ª A
,É’ã“ü,³,ê,é□B

**Error=0<J
Username='MYNAME'**

•¶Žš—ñ,ì’ã“ü

## 4) f%ofxf<□s

": " ,Æ,»,ì’¼CEã,É’±,f%ofxf<-¼,©,ç,È,é□B

CE`Ž®:

**:<label name>**

—á:

**:dial**  
**:300**

# TTL fRf}f“fhfŠftf@fœf“fX

fRf}f“fh,ì•a—p

'Ê□MfRf}f“fh

<u>bplusrecv</u>	changed
<u>bplussend</u>	changed
<u>changedir</u>	
<u>clearscreen</u>	new
<u>closett</u>	
<u>connect</u>	changed
<u>disconnect</u>	
<u>enablekeyb</u>	new
<u>flushrecv</u>	
<u>gettext</u>	
<u>kmtfinish</u>	new
<u>kmtget</u>	new
<u>kmtrecv</u>	changed
<u>kmtsend</u>	changed
<u>loadkeymap</u>	
<u>logclose</u>	
<u>logopen</u>	
<u>logpause</u>	
<u>logstart</u>	
<u>logwrite</u>	
<u>quickvanrecv</u>	changed
<u>quickvansend</u>	changed
<u>recvln</u>	
<u>restoresetup</u>	
<u>send</u>	
<u>sendbreak</u>	
<u>sendfile</u>	
<u>sendkcode</u>	new
<u>sendln</u>	
<u>setecho</u>	
<u>setsync</u>	
<u>settitle</u>	
<u>showtt</u>	changed
<u>testlink</u>	new
<u>unlink</u>	
<u>wait</u>	
<u>waitevent</u>	
<u>waitln</u>	

waitrecv  
xmodemrecv changed  
xmodemsend changed  
zmodemrecv changed  
zmodemsend changed

## ☐ §CEäfRf}f“fh

call  
end  
execcmnd  
exit  
for, next  
goto  
if, then, elseif, else, endif  
include  
pause  
return  
while, endwhile

## • ¶Žš—ñ‘€ïfRf}f“fh

code2str new  
int2str  
str2code new  
str2int  
strcompare  
strconcat  
strcopy  
strlen  
strscan

## ftf@fCf<‘€ïfRf}f“fh

fileclose  
fileconcat  
filecopy  
filecreate  
filedelete  
filemarkptr new  
fileopen  
filereadln  
filerename  
filesearch  
fileseek  
fileseekback new

filestrseek  
filestrseek2 new  
filewrite  
filewriteln  
findfirst, findnext, findclose new  
getdir new  
makepath new  
setdir new

**f p f X f [ f h f R f } f " f h**

delpassword  
getpassword  
passwordbox

**, » , i ' ¼ , i f R f } f " f h**

beep  
closesbox  
exec  
getdate  
getenv  
gettime  
inputbox  
messagebox  
setdate  
setdlgpos  
setenv removed  
setexitcode new  
settime  
show  
statusbox  
yesnobox



**bplusrecv**

**changed**

☉`Ž®:

**bplusrecv**

B-Plus fvf[]fgfRf<,Åftf@fCf<,đŽó[]M,; ,é[]B  
Žó[]M,ª[]l,í,é,Ü,ÅŽÝ,lfRf}f“fh,ÍŽÀ[]s,<sup>3</sup>,ê,È,ç[]B  
ftf@fCf<,ª[]<sup>3</sup>,µ,“]’—,<sup>3</sup>,ê,½[]ê[]#[]AfVfXfef€•i[]” result  
,É1,ªŠi”[,<sup>3</sup>,ê,é[]B,» ,ê^ÈŠO,ì[]ê[]#[]A result ,É0,ªŠi”[,<sup>3</sup>,ê,é[]B

## **bplussend**                      **changed**

☒`Ž®:

**bplussend <filename>**

ftf@fCf< <filename> ,đ B-Plus fvf[]fgfRf<,Å'—[]M,·,é[]B  
'—[]M,ª[]l,í,é,Ü,ÅŽŸ,lfRf}f“fh,ÍŽÀ[]s,<sup>3</sup>,ê,È,ç[]B  
ftf@fCf<,ª[]<sup>3</sup>,µ,“]’—,<sup>3</sup>,ê,½[]ê[]#[]AfVfXfef€•i[]” result  
,É1,ªŠi”[,<sup>3</sup>,ê,é[]B,» ,ê^ÈŠO,ì[]ê[]#[]A result ,É0,ªŠi”[,<sup>3</sup>,ê,é[]B

—á:

**bplussend 'readme.txt'**

## changedir

☒`Ž®:

**changedir <path>**

Tera Term ,ì☒»☒Ý,ìffBf☒fNfgfŠ,đ•î☒X,·,é☒B

'☒^Ó: setdir fRf}f“fh,í MACRO

,ì☒»☒Ý,ìffBf☒fNfgfŠ,đ•î☒X,·,é☒B'Ê☒MfRf}f“fh(kmtsend “™)

,ÅŽw'è,<sup>3</sup>,ê,éftf@fCf<-¼,í Tera Term ,ì☒»☒Ý,ìffBf☒fNfgfŠ,đŠî☒€

,É,·,é☒B,»,'¼,ìfRf}f“fh(fileopen “™),ÅŽw'è,<sup>3</sup>,ê,éftf@fCf<-¼,í MACRO

,ì☒»☒Ý,ìffBf☒fNfgfŠ,đŠî☒€,É,·,é☒B

—á:

**changedir 'c:\'**



## closett

☒`Ž®:

**closett**

Tera Term ,đ|—<sup>1,3,1</sup>A MACRO

,Í"ňfšf"fNó'Ô,É"ü,éB"ňfšf"fNó'Ô,Å,ÍAconnect fRf}f"fh,É,æ,Á,ÄV,μ,ϕ Tera  
Term fEfBf"fhfE,đŠJ,«A MACRO ,đ,»,ê,Éfšf"fN,<sup>3,1</sup>,é,±,Æ,<sup>3</sup>,Å,«,éB

ŽQÆ:

"connect"

"disconnect"

"testlink"

"unlink"

—á:

**closett**

**connect 'host'**

## connect changed

CE`Ž®:

### connect <command line parameters>

MACRO ,<sup>a</sup> Tera Term ,ÆfŠf“fN,<sup>3</sup>,ê,Ä,ç,È,ç□ê□#□ATera Term ,ð<N“® ,μ,ÄMACRO ,ÆfŠf“fN,·,é□B<command line parameters> ,í□ATera Term ,ð<N“® ,·,éŽŽ,lfRf}f“fhf%ofCf“fpf%of□□[f^□B

MACRO ,<sup>a</sup> Tera Term ,Æ,·,Å,ÉfŠf“fN,<sup>3</sup>,ê,Ä,ç,Ä□ATera Term ,<sup>a</sup>fzfXfg,É□Ú'±,<sup>3</sup>,ê,Ä,ç,È,ç□ê□#□ATera Term ,ðfRf}f“fhf%ofCf“ <command line parameters> ,ÅŽw'è,<sup>3</sup>,ê,ézfXfg,É□Ú'±,<sup>3</sup>,<sup>1</sup>,é□B

Tera Term ,lfRf}f“fhf%ofCf“fpf%of□□[f^,É,Å,ç,Ä,Í□ATera Term fwf<fv,ðŽQ□Æ□B

MACRO ,<sup>a</sup> Tera Term ,Æ,·,Å,ÉfŠf“fN,<sup>3</sup>,ê,Ä,ç,Ä□ATera Term ,<sup>a</sup>fzfXfg,É,·,Å,É□Ú'±,<sup>3</sup>,ê,Ä,ç,é□ê□#□A,±,lfRf}f“fh,Í-<sup>3</sup>Ž<,<sup>3</sup>,ê,é□B

,±,lfRf}f“fh,ìCE<%oÊ□AfŠf“fN,Æ□Ú'±,ì□ó'Ô,É%ož,¶,Ä^È%oº,ì,κ,ç,ì^ê,Å,ì'l,<sup>a</sup>fVfXfef€•í□” result ,ÉŠi“[,<sup>3</sup>,ê,é□B

'1	□ó'Ô
0	Tera Term ,ÆfŠf“fN, <sup>3</sup> ,ê,Ä,ç ,È,ç□B
1	fzfXfg,Ö,ì□Ú'± ,Í, <sup>3</sup> ,ê,Ä,ç,È,ç , <sup>a</sup> □ATera Term ,Ö,lfŠf“fN,Í, <sup>3</sup> ,ê,Ä, ç,é□B
2	fŠf“fN,“ ,æ,Ñ□Ú' ±— ¼•û,Æ,à, <sup>3</sup> ,ê,Ä,ç ,é□B

"connect" fRf}f“fh,ðŽÀ□s,·,é'O,ÉfŠf“fN,Æ□Ú'±,ì□ó'Ô,ð'<sup>2</sup>,x,é,É,Í□A"testlink" fRf}f“fh,ðŽg,κ,±,Æ,<sup>a</sup>,Å,« ,é□B

Tera Term ,Æ MACRO ,lfŠf“fN,μ,Ä,ç,È,ç□ó'Ô,Å,Í□A"connect" ,Æ "testlink" ^ÈŠO,ì'É□MfRf}f“fh,ÍŽÀ□s,Å,« ,È,ç□B

ŽQÆ:

"closett"  
"disconnect"  
"testlink"  
"unlink"

—á:

```
connect "                fpf%of[] [f^ ,È,μ,Å  
                          Tera Term ,ð<N“®  
  
connect '/C=2'          fpf%of[] [f^  
                          "/C=2",ð,Â,¯,Ä Tera  
                          Term ,ð<N“®  
  
connect  
'foohost.foo.foo.jp'  
  
CommandLine =  
'111.111.11.11'  
connect CommandLine
```

## disconnect

Œ`Ž®:

**disconnect**

Tera Term ,ÆfzfXfg,ìŠÔ,ì'Ê□M,ð□I—<sup>1,3,1</sup>,é□B  
,à,μ,±,lfRf}f“fh,É,æ,Á,Ä Tera Term ,<sup>2</sup>□I—<sup>1</sup>,μ,È,¯,ê,Î□ATera Term ,Æ MACRO  
,ìŠÔ,lfŠf“fN,í•ÛŽ□,<sup>3</sup>,ê,é□B

ŽQÆ:

"closett"  
"connect"  
"testlink"  
"unlink"

**enablekeyb**            **new**

☉`Ž®:

**enablekeyb <flag>**

Tera Term ,ìfL[]f{[]fh“ü—í,đ<-%oÂ/<ÖŽ~ ,: ,é[]B<flag> ,ì'l,ª1,ì[]ê[]‡,í<-  
%oÂ[]A0,ì[]ê[]‡,í<ÖŽ~[]B

—á:

**enablekeyb 0**



## flushrecv

Ā`Ž®:

### flushrecv

MACRO ,ìŽóMfobftf@[,ì“à—e,đÁ,·B

fzfXfg,©,çŽóM,μ,½•ŕŽš,í MACRO ,É“]’—,³,êAMACRO

,ìŽóMfobftf@[,É•Ù‘ŕ,³,ê,éBŽóM•ŕŽš,đ^—,·,éfRf}f“fh("wait"  
fRf}f“fh“™)

,í,»,ê,ç,ì•ŕŽš,đfobftf@[,©,ç“Ç,Ýo,·Bfobftf@[,ì‘†,ì•ŕŽš,íŽóM•ŕŽš,đ^—  
[,·,éfRf}f“fh,<sup>a</sup>,»,ê,ç,đ“Ç,Ý,<sup>3/4</sup>,·,©Afobftf@[,<sup>a</sup>, ,Ó,ê,é,©Aflushrecv  
fRf}f“fh,<sup>a</sup>fobftf@[,ì“à—e,đÁ,·,Û,Å•ÛŽ,³,ê,éB

fobftf@[,ì‘†,ÉĀ,ç•ŕŽš,<sup>a</sup>,½,Û,Á,Ä,ç,é,½,ß,ÉŽóM•ŕŽš,đ^—  
[,·,éfRf}f“fh,ìĀ<%oĒ,<sup>a</sup>—Šú,μ,È,ç,à,ì,É,È,é,±,Æ,<sup>a</sup>, ,èAflushrecv  
fRf}f“fh,É,æ,Á,Ä,»,ê,đ-h,®,±,Æ,<sup>a</sup>,Å,«,éB

## gettext

☒`Ž®:

**gettext <strvar>**

Tera Term ,lfEjBf“fhfEf^fCfjf<,đ•¶Žš—ñ•İ” <strvar> ,ÉŠi”[,·,é□B

—á:

**gettext titletext**

**kmtfinish**

**new**

☪`Ž®:

**kmtfinish**

Kermit Finish fRf}f“fh,đŽÀ□s,·,é□B

Finish fRf}f“fh,<sup>a</sup>□l—<sup>1</sup>,·,é,Ü,ÅŽŸ,lfRf}f“fh,íŽÀ□s,<sup>3</sup>,ê,È,ç□B

Finish fRf}f“fh,<sup>a</sup>□<sup>3</sup>,μ,ŽÀ□s,<sup>3</sup>,ê,<sup>1</sup>/<sub>2</sub>□ê□#□AfVfXfef€•ï□” result

,É1,<sup>a</sup>Ši”[,<sup>3</sup>,ê,é□B,»<sup>a</sup>,ê^ÈŠO,ì□ê□#□A result ,É0,<sup>a</sup>Ši”[,<sup>3</sup>,ê,é□B

## kmtget new

☉`Ž®:

**kmtget <filename>**

ftj@fCf< <filename> ,đ Kermit Get fRf}f“fh,đŽg—p,μ,ÄfzfXfg,©,çŽóM,·,éB  
fzfXfg,Í server □ó’Ô,Å,È,¯,ê,Î,È,ç,È,φB  
ŽóM,ªI,í,é,Ü,ÅŽÿ,ìRf}f“fh,ÍŽÀs,³,ê,È,φB  
ftj@fCf<,ª³,μ,“]’—,³,ê,½□ê#□AfvfXfef€•í” result  
,É1,ªŠi”[,³,ê,éB,» ,ê^ÈŠO,ìê#□A result ,É0,ªŠi”[,³,ê,éB

—á:

**kmtget '\*.\***

## kmtrecv      changed

☒`Ž®:

**kmtrecv**

Kermit fvf[]fgfRf<,Åftf@fCf<,đŽó[]M,·,é[]B  
Žó[]M,ª[]l,í,é,Ü,ÅŽŸ,lfRf}f“fh,ÍŽÀ[]s,<sup>3</sup>,ê,È,ç[]B  
ftf@fCf<,ª[]<sup>3</sup>,µ,“]’—,<sup>3</sup>,ê,½[]ê[]#[]AfVfXfef€•i[]” result  
,É1,ªŠi”[,<sup>3</sup>,ê,é[]B,» ,ê^ÈŠO,ì[]ê[]#[]A result ,É0,ªŠi”[,<sup>3</sup>,ê,é[]B

## **kmtsend**      **changed**

☒`Ž®:

**kmtsend <filename>**

ftj@fCf< <filename> ,đ Kermit fvj[]fgfRf<,Å'—[]M,·,é[]B  
'—[]M,ª[]l,í,é,Ü,ÅŽŸ,lfRf}f“fh,ÍŽÀ[]s,³,ê,È,ç[]B  
ftj@fCf<,ª[]³,μ,“]’—,³,ê,½[]ê[]#[]AfvfXfef€•i[]” result  
,É1,ªŠi”[,³,ê,é[]B,» ,ê^ÈŠO,ì[]ê[]#[]A result ,É0,ªŠi”[,³,ê,é[]B

—á:

**kmtsend 'readme.txt'**

## loadkeymap

☒ Ž®:

**loadkeymap <filename>**

fL[f{[fhY'èftf@fCf< <filename> ,đ Tera Term ,É“Ç,Ýž,Ü,<sup>1</sup>,éB

—á:

**loadkeymap 'keyboard.cnf'**

## logclose

CE`Ž®:

**logclose**

Tera Term ,lfO,đl—<sup>1</sup>,:;éB



## logopen

☒`Ž®:

**logopen <filename> <binary flag> <append flag>**

Tera Term ,lfO,đŠŽn,·,éBftf@fCf< <filename>  
,ÉŽóM,μ,½•¶Žš,ª‘,«ž,Ü,ê,éBfO,đŠŽn,μ,½, ,Æ,àŽŸ,lfRf}f“fh,ÍŽÀs,ª,ê,éB

<binary flag> ,l,ª0,ì,Æ,«AŽóM,μ,½Š;ŽšA  
%üs•¶Žš,Í.İŠ,ª,ê,Äftf@fCf<,É‘,«ž,Ü,êAfGfXfP[fvfV[fPf“fX,Í‘,«ž,Ü,ê,È,  
çB<binary flag>  
,l,ª0^ÈŠO,ì,Æ,«AŽóM,μ,½•¶Žš,đ,·,x,Ä,»,ì,Ü,Üftf@fCf<,É‘,«ž,PB

<append flag> ,l,ª0^ÈŠO,ÄAftf@fCf< <filename>  
,ª,·,Ä,É‘¶Ÿ,·,éê#A,»,ìftf@fCf<,É‘Ç%oÁ,μ,Ä‘,«ž,PB  
<append flag> ,l,ª0,ÄAftf@fCf< <filename>  
,ª,·,Ä,É‘¶Ÿ,·,éê#A,»,ìftf@fCf<,Íă‘,«,ª,ê,éB

—á:

**logopen 'myhost.log' 0 0**

## logpause

Œ`Ž®:

**logpause**

Tera Term

,lfO,đ^êŽž't'f,·,éB't'f,μ,Ä,éŠÔ,ÉŽóM,<sup>3</sup>,ê,½•¶Žš,íffOftf@fCf<,É',«ž,Ü,ê,È,  
ϕB

## logstart

CE`Ž®:

**logstart**

't'f,μ,Ä,φ,½ Tera Term ,lfO,đÄŠ),·,éB

## logwrite

☒`Ž®:

**logwrite <string>**

• ¶Žš—ñ <string> ,đ Tera Term ,ìf[]fOftf@fCf<,É'Ç%oÁ,μ,Ä[]',«[]ž,p[]B

,±,ìfRf}}f“fh,í Tera Term ,²f[]fO,đŽæ,Á,Ä,ç,éŽž,¾,¯—LCEø[]Bf[]fO,đ^êŽž't'f,μ,Ä,ç  
,éŽž,Å,à[]',«[]ž,p,±,Æ,³,Å,«,é[]B

—á:

**logwrite 'LOG FILE'#13#10**

## quickvanrecv      changed

☒`Ž®:

### quickvanrecv

Quick-VAN fvf[]fgfRf<,Åftf@fCf<,đŽó[]M,·,é[]B  
Žó[]M,ª[]l,í,é,Ü,ÅŽŸ,lfRf}f“fh,ÍŽÀ[]s,<sup>3</sup>,ê,È,ç[]B  
ftf@fCf<,ª[]<sup>3</sup>,µ,“]’—,<sup>3</sup>,ê,½[]ê[]#[]AfVfXfef€•i[]” result  
,É1,ªŠi”[,<sup>3</sup>,ê,é[]B,»^ÈŠO,ì[]ê[]#[]A result ,É0,ªŠi”[,<sup>3</sup>,ê,é[]B

**quickvansend**

**changed**

☒`Ž®:

**quickvansend <filename>**

ftf@fCf< <filename> ,đ Quick-VAN fvf□fgfRf<,Å'—□M,·,é□B  
'—□M,ª□l,í,é,Ü,ÅŽŸ,lfRf}f“fh,ÍŽÀ□s,<sup>3</sup>,ê,È,ç□B  
ftf@fCf<,ª□<sup>3</sup>,μ,“]’—,<sup>3</sup>,ê,½□ê□#□AfVfXfef€•i□” result  
,É1,ªŠi”[,<sup>3</sup>,ê,é□B,» ,ê^ÈŠO,ì□ê□#□A result ,É0,ªŠi”[,<sup>3</sup>,ê,é□B

—á:

**quickvansend 'readme.txt'**

## recvln

☒`Ž®:

### recvln

fzfXfg, ©, ç^ê□s•ª, ì•ŕŽš, đŽó□M, μ□AfVfXfef€•ï□" inputstr ,ÉŠi"[ ,: ,é□B

, ±, ìfRf}f"fh, í^ê□sŽó□M, : , é, ©□ATera Term ,ÆfzfXfg, ì'Ê□M,ª□I—  
¹, ·, é, ©□Af^fCf€fAfEfg,ª<N, «, é, Ü, Å'Ò, Â□BfVfXfef€•ï□" timeout  
,ª0, æ, è'å, «, ç□ê□#□A<timeout> •b, ìŽžŠŎ,ª, : , ¬, é, Æf^fCf€fAfEfg,ª<N, ±, é□B  
timeout , ì'l,ª0^È%º, ì□ê□# , í□Af^fCf€fAfEfg, í, È, ç□B

, à, μ□A^ê□s•ª, ì•ŕŽš,ªŽó□M,ª, ê, ½□ê□#□AfVfXfef€•ï□" result  
,É1,ªŠi"[ ,ª, é, é□B, » , x, Å, È, ç□ê□# result ,É0,ªŠi"[ ,ª, é, é□B

—á:

<b>fileopen file 'log.txt' 0</b>	f□fOftf@fCf<, đŠJ,
<b>setsync 1</b>	"~Šúf, □[fh,É"ü, é
<b>result=1</b>	
<b>while result=1</b>	
<b>recvln</b>	^ê□sŽó□M
<b>filewriteln file inputstr</b>	,» , é, đf□fOftf@fCf<, É□'
	,
<b>endwhile</b>	
<b>setsync 0</b>	"ñ"~Šúf, □[fh,É"ü, é

"~Šúf, □[fh,É, Â, ç, Ä, í "setsync" , đŽQ□Æ□B

## restoresetup

☒`Ž®:

**restoresetup <filename>**

Tera Term ☐Ý`èftf@fCf< <filename> ,đ Tera Term ,É“Ç,Ý☐ž,Ü,<sup>1</sup>,é☐B

—á:

**restoresetup 'teraterm.ini'**



## send

☒`Ž®:

**send <data1> <data2> ....**

<data> ,ª•ŕŽš—ñ☒^,ì☒ê☒#☒A•ŕŽš—ñ,đfzfXfg,Ö'—☒M,³,¹,é☒B  
<data> ,ª☒®☒"☒^,ì☒ê☒#☒,í☒A,»☒,ì'ì,ì%ºº^ÊfofCfg(0-255),đ ASCII  
fR☒[fh,Æ,Ý,È,µ☒A,»☒,ì•ŕŽš,đ'—☒M,³,¹,é☒B

—á:

**send 'ABC'**

**send 65 66 67**

"ABC" ,đ'—  
☒M,³,¹,é☒B("A" ,ì ASCII  
fR☒[fh,í65)

**myname='Tera Term'**  
**send 'My name is '**  
**myname '.'**

## sendbreak

☒`Ž®:

**sendbreak**

fuf☒☒[fN☒M☒†,đfzfXfg,Ö'—☒o,·,é☒B

## sendfile

Œ`Ž®:

**sendfile <filename> <binary flag>**

ftf@fCf<,đ'—□M,·,é□B'—□M,ª□l,í,é,Ü,ÅŽŸ,ìfRf}f“fh,ÍŽÀ□s,³,ê,È,¢□B

<binary flag> ,ì'l,ª0^ÈŠO,ì,Æ,«□Aftf@fCf<,ì“à—e,đ,»ì,Ü,Ü'—□M,·,é□B

<binary flag> ,ì'l,ª0,ì,Æ,«□Aftf@fCf<,ì†,ÉŠÜ,Ü,ê,éŠ;Žš□A

%oü□s•¶Žš,đ•İŠ·,μ,Ä'—□M,·,é□BTAB (\$09), LF (\$0A), CR (\$0D)

^ÈŠO,ì□§Œä•¶Žš,Í'—□M,³,ê,È,¢□B

—á:

**sendfile 'data.dat' 1**

## sendkcode new

CE`Ž®:

**sendkcode <key code> <repeat count>**

, , éfL[Ü, ½, ìfL[ì'g, Ý[í, ¹, ð%Ÿ, ·, ±, Æ, É'í, µ, ÄŠ,,, è"–, Ä, ç, ê, ½<@"\, ð Tera Term  
, ÉŽÄ[s, ³, ¹, é[B, »), ìfL[Ü, ½, ìfL[ì'g, Ý[í, ¹, Í KEYCODE.EXE  
, É, æ, Á, Ä'è<` , ³, ê, éfL[fR[fh <key code> , ÄŽw'è, ³, ê, é[B, »), ì<@"\, Í <repeat  
count> %oñCEJ, è•Ô, µ, ÄŽÄ[s, ³, ê, é[B

'Éí[A, »), ì<@"\, Æ, Í•Ÿš, Ü, ½, Í•Ÿš–ñ, ðfzfXfg, Ö'—[o, ·, é, Æ, ç, x, ±, Æ[B, »), ì<@"\, Í  
Tera Term , ìfL[f{[fh'èftf@fC<, É, æ, Á, Ä'è<` , ·, é, ±, Æ, Å, «, é[BKEYCODEJ.TXT  
ŽQ[Æ[B

—á:

**sendkcode 336 3**

Tera Term

, É[«fL[, ³3%oñ  
%oŸ, ³, ê, ½[ê[Æ"–, Ÿ"  
®[ì, ð, ³, ¹, é[B[«fL[, ìf  
L[fR[fh, Í IBM PC  
fL[f{[fh, ì[ê[336[B

## sendln

CE`Ž®:

**sendln <data1> <data2> ....**

•Ÿš–ñ, Æ, »), ê, É'±, %oü[s•Ÿš, ðfzfXfg, Ö'—[M, ³, ¹, é[B  
<data> , ìCE`Ž®, Í[A "send" fRf}f"fh, Æ"–, Ÿ[B

—á:

**sendln**

%oü[s•Ÿš, ¾, –'—[M

**sendln 'abc'**

**Password='mypassword'  
sendln Password**

## setecho

CE`Ž®:

**setecho <echo flag>**

Tera Term , ìf[[fj}fGfR[ (local echo) , ìó'Ô, ð•İ, !, é[B

,à,μ <echo flag> ,ª0^ÈŠO,È,çf[]fj<fGfR[] ,Í on ,É,È,é[]B  
,à,μ <echo flag> ,ª0,È,çf[]fj<fGfR[] ,Í off ,É,È,é[]B

—á:

**setecho 1**

f[]fj<fGfR[] on

## setsync

CE`Ž®:

**setsync <sync flag>**

<sync flag> ,ª0^ÈŠO,È,ç,Í“~Šú’Ê[]Mf,[]fh,É“ü,é[]B

<sync flag> ,ª0,È,ç,Í”ñ“~Šú’Ê[]Mf,[]fh,É“ü,é[]B

Tera Term ,ÍzfXfg, © ,çŽó[]M,μ,½•¶Žš,đ MACRO ,Ö“]’—,·,é[]B  
MACRO ,Í,»,è,ç,ì•¶Žš,đfofbftf@[], ,É•Ú’¶,μ[]AŽó[]M•¶Žš,đ^—  
[],·,éfRf}f“fh(“wait” fRf}f“fh“™),ªfofbftf@[], © ,ç•¶Žš,đŽæ,è[]o,·[]B

MACRO ,Í[]%Šú[]ó’Ô,Æ,μ,Ä”ñ“~Šúf,[]fh,É,ç,é[]B,±,lf,[]fh,Ä,Í[]AŽó[]M•¶Žš,đ^—  
[],·,éfRf}f“fh,ª’,çŠÔŽÀ[]s,³,è,È,ç[]ê[]#[]A,Ü,½,ÍŽó[]M’~“x,ª’[],·,~,é[]ê[]# ,Ífofbftf@  
[],ª, ,Ó,è,é%Ä“\[]«,ª, ,é[]B

“~Šúf,[]fh,Ä,Í[]Afofbftf@[], ,ÍCE^ ,μ,Ä, ,Ó,è,È,ç[]Bfofbftf@[],ª,ç,Á,Ï,ç  
,É,È,Á,½[]ê[]#[]Atera Term ,ÍzfXfg, © ,ç,ì•¶ŽšŽó[]M,Æ MACRO ,Ö,ì•¶Žš“]’—  
,đ’âŽ~ ,·,é[]Bfofbftf@[], ,É[]Ä,Ñ<ó,«,ª,Ä,«,é,Æ Tera Term ,Í•¶ŽšŽó[]M,Æ“]’—  
,đ[]ÄŠ],·,é[]B

•K—v,ÈŽž,ÉCEÀ,è“~Šúf,[]fh,É“ü,è[]A•K—v,Ä,È,,È,Á,½,ç”ñ“~Šúf,[]fh,É—β,é,æ,ª  
,É,μ,½•û,ª—ç,ç[]B

•j[]”[]s,É,í,½,éŽó[]M,μ,½•¶Žš,đ[]A^è•¶Žš,àŽ ,ª,±,Æ,È,[]^—[],·,é[]A,Æ,ç,ª,æ,ª  
,È[]M—Š[]«,ª—v<[],³,è,éf}fNf[]^—[],ì[]ê[]#[]A“~Šúf,[]fh,É“ü,é•K—v,ª, ,é[]B,μ, ©,μ  
[]A“~Šúf,[]fh,Ä,Í Tera Term ,ì•¶ŽšŽó[]M’~“x,ª’x,,È,è[]A,Ü,½Žó[]M•¶Žš,đ^—  
[],·,éfRf}f“fh,ª’,çŠÔŽÀ[]s,³,è,È,ç[]ê[]# ,Í[]Atera Term  
,ì•¶ŽšŽó[]M,ª’âŽ~ ,μ,½,Ü,Ü,É,È,Á,Ä,μ,Ü,ª[]B^è•û[]A’P[]f,Èf}fNf[]^—[](—  
á,Ï,ÍŽ“ @f[]OfCf“), ,É,ç,Í”ñ“~Šúf,[]fh,Ä,à,Ü,Æ,ñ,ç-â’è,È,“ @[]ì,·,é[]B,±  
,ì[]ê[]#[]Afofbftf@[]fTfCfY,Í[]\•ª’â,«,-  
(4096fofCfg)[]AŽó[]M,μ,½,·,x,Ä,ì•¶Žš,Ífofbftf@[],ª, ,Ó,è,é’O,ÉfRf}f“fh,É,æ,Á,Ä  
[]^—[],³,è,é[]B

fofbftf@,lfNfŠfA,É,Ä,ç,Ä,Í “flushrecv” ŽQ[]Æ[]B

—á:

**setsync 1**

“~Šúf,[]fh,É“ü,é

**setsync 0**

"ñ"~Šúf,[]fh,É"ü,é

## **settitle**

Œ`Ž®:

**settitle <title>**

Tera Term ,lfEfBf"fhfEf^fCfjf<,đ <title> ,É•ĭ[]X,·,é[]B

—á:

**settitle 'Tera Term'**

## showtt changed

☒`Ž®:

### showtt <show flag>

<show flag> ,<sup>a</sup>-1,ì□ê□#□A Tera Term ,ì VT fEfCf“fhfE,ð%oB,·□B  
 <show flag> ,<sup>a</sup>0,ì□ê□#□A Tera Term ,ì VT fEfCf“fhfE,ð□Å□¬%o»,·,é□B  
 <show flag> ,<sup>a</sup>1,ì□ê□#□A Tera Term ,ì VT fEfCf“fhfE,ð☒<sup>3</sup>,ì’â,«,<sup>3</sup>,É-β,·□B

<show flag> ,<sup>a</sup>2,ì□ê□#□A Tera Term ,ì TEK fEfCf“fhfE,ð%oB,·□B  
 <show flag> ,<sup>a</sup>3,ì□ê□#□A Tera Term ,ì TEK fEfCf“fhfE,ð□Å□¬%o»,·,é□B  
 <show flag> ,<sup>a</sup>4,ì□ê□#□A Tera Term ,ì TEK fEfCf“fhfE,ðŠJ,□A,Û,½,í☒<sup>3</sup>,ì’â,«,<sup>3</sup>,É-β,·□B  
 <show flag> ,<sup>a</sup>5,ì□ê□#□A Tera Term ,ì TEK fEfCf“fhfE,ð•Â,¶,é□B

—á:

<b>showtt 0</b>	Tera Term ,ð□Å□¬%o»
<b>showtt 1</b>	Tera Term ,ð☒ <sup>3</sup> ,ì’â,«, <sup>3</sup> ,É-β,·
<b>showtt -1</b>	Tera Term ,ð%oB,·.

## testlink new

☒`Ž®:

### testlink

☒»□Ý,ìfŠf“fN,“,æ,Ñ□Ú’±,ì□ó’Ô,ð•ñ□□,·,é□B  
 fŠf“fN,Æ□Ú’±,ì□ó’Ô,É%ož,¶,Ä^È%oº,ì,α,¿,ì^ê,Â,ì'l,²fVfXfef€•ï□” result  
 ,ÉŠi”[,<sup>3</sup>,ê,é□B

'l	□ó’Ô
0	Tera Term ,ÆfŠf“fN, <sup>3</sup> ,ê,Ä,ç ,È,ç□B
1	fzfXfg,Ö,ì□Ú’± ,í, <sup>3</sup> ,ê,Ä,ç,È,ç , <sup>a</sup> □ATera Term ,Ö,ìfŠf“fN,í, <sup>3</sup> ,ê,Ä, ç,é□B
2	fŠf“fN,“,æ,Ñ□Ú’ ±— ¼•û,Æ,à, <sup>3</sup> ,ê,Ä,ç

,é□B

ŽQ□Æ:

- "closett"
- "connect"
- "disconnect"
- "unlink"

—á:

**testlink**  
**if result=0 connect 'host'** ,à,μ MACRO ,ª Tera Term ,ÉfŠf“fN,³,ê,Ä,ç ,È,¯,ê,Î connect fRf}f“fh,ðŽÀ□s

## unlink

Œ`Ž®:

**unlink**

Œ»□Ý,ì Tera Term fEfCf“fhfE,Æ MACRO ,ìŠÔ,ìfŠf“fN,ð'f,Â□B ,±,ìfRf}f“fh^È□~□AMACRO ,í”ñfŠf“fN□ó'Ô,É,È,è□A,» ,ì Tera Term fEfCf“fhfE,ð□§Œä,Å,«,È,,È,é□B

”ñfŠf“fN□ó'Ô,Å,í□Aconnect fRf}f“fh,É,æ,Á,Ä□V,μ,ç Tera Term fEfBf“fhfE,ðŠJ,«□AMACRO ,ð,»,ê,ÉfŠf“fN,³,¹,é,±,Æ,ª,Å,«,é□B

ŽQ□Æ:

- "closett"
- "connect"
- "disconnect"
- "testlink"

—á:

**connect 'host1'** Tera Term fEfCf“fhfE,ðŠJ,«□A,»,ê ,ÉfŠf“fN,·,é fŠf“fN,ð'f,Â •É,ì Tera Term fEfBf“fhfE,ðŠJ,«□A,»,ê ,ÉfŠf“fN,·,é

**unlink**  
**connect 'host2'**

## wait

CE`Ž®:

**wait <string1> <string2> ...**

•¶Žš—ñ <string1>, <string2>, ... ,ì,æ,¿^ê,Â,âfzfXfg,©,ç'—,ç,ê,Ä,-  
,é,©¶Af^fCf€fAfEfg,ª"¶¶,·,é,Ü,Å MACRO ,ð'âŽ~,,³,¹,é¶B•¶Žš—  
ñ,í¶Á'â10CEÂ,Ü,ÅŽw'è,Å,«,é¶B

fVfXfef€•ï" timeout ,ª0,æ,è'â,«,ç¶ê¶¶A<timeout>

•b,ìŽžŠÔ,ª,·,¬,é,Æf^fCf€fAfEfg,ª"¶¶,·,é¶B timeout ,ì'l,ª0^È  
%oº,ì¶ê¶¶,í¶Af^fCf€fAfEfg,í"¶¶,µ,È,ç¶B

,±,ìfRf}f"fh,ìŽÀ¶sCE<%oÊ,íVfXfef€•ï" result ,ÉŠi"[,³,ê,é¶B

•ï" result ,ì'l,ì^Ó-j,í¶A

'l	^Ó-j
0	f^fCf€fAfEfg¶B,Ç ,ì•¶Žš—ñ,à— ^,È,©,Á,½¶B
1	<string1> ,ðŽó¶M,µ,½¶B
2	<string2> ,ðŽó¶M,µ,½¶B
.	.
.	.

—á:

<b>timeout = 30</b>	f^fCf€fAfEfg,ð30•b,É ¶Y'è¶B
<b>Wait 'OK' 'ERROR'</b>	•¶Žš—ñ "OK" ,© "ERROR" ,ð'Ò,Â¶B
<b>if result=0 goto timeout</b>	f^fCf€fAfEfg,È,ç¶A:ti meout ,ÖfWfff"fv¶B
<b>If result=1 goto ok</b>	"OK" ,ª—^,½,È,ç¶A:ok ,ÖfWfff"fv
<b>If result=2 goto error</b>	"ERROR" ,ª— ^,½,È,ç¶A:error ,ÖfWfff"fv
<b>wait #10'&gt;' 'complete.'#13</b>	¶s¶æ"ª,ì ">" ,©¶A¶s-- ,ì "complete." ,ð'Ò,Â¶B(ASCII fR¶[fh10, 13,í LF, CR)



## waitevent

☒`Ž®:

**waitevent <events>**

<events> ,ÅŽw'è,<sup>3</sup>,ê,éfCfxf"fg,<sup>a</sup>"□¶,·,é,Ü,Å MACRO ,đ'âŽ~,<sup>3</sup>,<sup>1</sup>,é□B

<events> ,í^È%º,ìfCfxf"fgŽ^-ÊŽq,ì'g,Ý□‡,í,<sup>1</sup>□B

fCfxf"fg	fCfxf"fgŽ^-ÊŽq
timeout	1
unlink	2
disconnection	4
connection	8

fVfXfef€•ï" timeout ,º0,æ,è'â,«,¢□ê□‡□A<timeout>

•b,ìŽžŠÔ,<sup>a</sup>,·,·,é,Ætimeout (f^fCf€fAfEfg)fCfxf"fg,<sup>a</sup>"□¶,·,é□B timeout ,ì'l,<sup>a</sup>0^È%º,ì□ê□‡,í□Af^fCf€fAfEfg,í"□¶,µ,È,¢□B

unlink fCfxf"fg,í Tera Term ,<sup>a</sup>•Â,¶,ç,ê,½,Æ,«,"É"□¶,·,é□B

disconnection (,Ü,½,í connection) fCfxf"fg,í□ATera Term ,ÆfzXfg,ìŠÔ,ì'É□M,<sup>a</sup>•Â,¶,ç,ê,½(ŠJ,©,ê,½)Žž,É"□¶,·,é□B

waitevent fRf}f"fh,íŽÀ□Û,É"□¶,µ,½fCfxf"fg,ìŽ^-ÊŽq,đfVfXfef€•ï" result ,ÉŠi"[,·,é□B

—á:

**waitevent 4**

disconnection  
fCfxf"fg,đ'Ò,Â

**waitevent 2 or 8**

unlink ,Ü,½,í  
connection  
fCfxf"fg,đ'Ò,Â  
unlink fCfxf"fg"□¶  
connection fCfxf"fg"-  
□¶

**if result=2 goto label1**  
**if result=8 goto label2**

## waitln

☒`Ž®:

## waitln <string1> <string2> ...

•  $\text{waitln}(\text{string1}, \text{string2}, \dots)$  returns the index of the first string found in the input stream. If no string is found, it returns -1. The strings are compared using the standard string comparison rules. The input stream is read from the current position until the end of the line is reached. The function returns the index of the first string found, or -1 if no string is found.

•  $\text{waitln}(\text{string1}, \text{string2}, \dots, \text{timeout})$  returns the index of the first string found in the input stream within the specified timeout. If no string is found within the timeout, it returns -1. The timeout is specified in milliseconds.

•  $\text{waitln}(\text{string1}, \text{string2}, \dots, \text{inputstr})$  returns the index of the first string found in the input stream within the specified input string. If no string is found, it returns -1. The input string is specified as a parameter.

•  $\text{waitln}(\text{string1}, \text{string2}, \dots, \text{result})$  returns the index of the first string found in the input stream within the specified result string. If no string is found, it returns -1. The result string is specified as a parameter.

	'l	^Ó-i
0		f^fCf€fAfEfgB
1		<string1> ,đŠÜ,p□s,đŽó□M, μ,½□B
2		<string2> ,đŠÜ,p□s,đŽó□M, μ,½□B
:	:	:
.	.	.

## waitrecv

CE`Ž®:

### waitrecv <sub-string> <len> <pos>

•  $\text{waitrecv}(\text{sub-string}, \text{len}, \text{pos})$  returns the index of the first occurrence of the sub-string in the input stream. The sub-string is specified as a parameter. The length of the sub-string is specified as a parameter. The position of the sub-string is specified as a parameter.

•  $\text{waitrecv}(\text{sub-string}, \text{len}, \text{pos}, \text{result})$  returns the index of the first occurrence of the sub-string in the input stream within the specified result string. The result string is specified as a parameter.

•  $\text{waitrecv}(\text{sub-string}, \text{len}, \text{pos}, \text{def}, \text{len}, \text{pos})$  returns the index of the first occurrence of the sub-string in the input stream within the specified result string. The result string is specified as a parameter. The length of the result string is specified as a parameter. The position of the result string is specified as a parameter.

•  $\text{waitrecv}(\text{sub-string}, \text{len}, \text{pos}, \text{inputstr})$  returns the index of the first occurrence of the sub-string in the input stream within the specified input string. The input string is specified as a parameter.

fVfXfef€•İ" timeout

,ª0,æ,è'â,«,çê#A,»,ì'l,ì•b",ìžžŠÔ,ª,;,¬,é,Æf^fCf€fAfEfg,ª<N,«,éB timeout  
,ì'l,ª0^È%ª,ìê#A,ìAf^fCf€fAfEfg,ì,È,çB

,±,ìfRf}f"fh,ìŽÀsCE<%ªÈ,ìfVfXfef€•İ" result ,ÉŠi"[,ª,ê,éB  
•İ" result ,ì'l,ì^Ó-i,ìA

'l	^Ó-i
-1	<pos> •ŕŽš-Ú,©,çŽn,Ü,é <sub-string> ,ðŠÜ,þ•ŕŽš —ñ,ª—^,ÄAinputstr ,É•Ú'ŕ,ª,ê,½B,µ,©,µ•ŕŽš — ñ,ì'•,ª,ìAf^fCf€fAfEfg,ì,½, ß,É <len> •ŕŽš,æ,è'Z,çB
0	f^fCf€fAfEfgBðCE,ð- ž,½,•ŕŽš—ñ,ì'—,ç,ê,Ä,± ,É,©,Á,½B
1	ðCE,ð,Y,½,•ŕŽš—ñ,ª— ^,ÄA inputstr ,É•Ú'ŕ,ª,ê,½B

### xmodemrcv **changed**

CE`Ž®:

**xmodemrcv <filename> <binary flag> <option>**

XMODEM fvfƒgfRf<,Áftf@fCf< <filename> ,ðŽóM,·,éB  
ŽóM,ªì,í,é,Ü,ÅŽŸ,ìfRf}f"fh,ìŽÀs,ª,ê,È,çB  
ftf@fCf<,ªª,µ,"l'—,ª,ê,½ê#AfVfXfef€•İ" result  
,É1,ªŠi"[,ª,ê,éB,»,ê^ÈŠO,ìê#A result ,É0,ªŠi"[,ª,ê,éB

ftf@fCf<,ªfofCfifŠftf@fCf<,ìê#A<binary flag> ,ì0^ÈŠO,Å,È,¬,ê,ì,È,ç,È,çB  
fefLfXfgftf@fCf<,ìê#A<binary flag> ,ì0,Å,È,¬,ê,ì,È,ç,È,çB

<option> ,É,æ,Á,ÄAXMODEM ,ìfìfVfVf#f",ðŽw'è,·,éB

<option>	XMODEM option
1	Checksum
2	CRC
3	1K
,»,ê^ÈŠO	Checksum

—á:

**xmodemrecv 'readme.txt'** XMODEM receive,  
0 2 text file, CRC

## **xmodemsend** **changed**

☒`Ž®:

**xmodemsend <filename> <option>**

XMODEM fvf[]fgfRf<,Åftf@fCf< <filename> ,đ'—[]M,.,é[]B  
'—[]M,ª[]l,í,é,Ü,ÅŽŸ,ìfRf}f"fh,ÍŽÀ[]s,ª,ê,È,ç[]B  
ftf@fCf<,ª[]³,µ,"]—,ª,ê,½[]ê[]#[]AfvfXfef€•í[]" result  
,É1,ªŠi"[],ª,ê,é[]B,»^ÈŠO,ì[]ê[]#[]A result ,É0,ªŠi"[],ª,ê,é[]B

<option> ,É,æ,Á,Ä[]AXMODEM ,ìfifvfvf#f",đŽw'è,.,é[]B

<option>	XMODEM option
1	Checksum
2	CRC
3	1K
,»^ÈŠO	Checksum

—á:

**xmodemsend** XMODEM send,  
**'readme.txt' 1** checksum

## **zmodemrecv** **changed**

☒`Ž®:

**zmodemrecv**

ZMODEM fvf[]fgfRf<,Åftf@fCf<,đŽó[]M,.,é[]B  
Žó[]M,ª[]l,í,é,Ü,ÅŽŸ,ìfRf}f"fh,ÍŽÀ[]s,ª,ê,È,ç[]B  
ftf@fCf<,ª[]³,µ,"]—,ª,ê,½[]ê[]#[]AfvfXfef€•í[]" result  
,É1,ªŠi"[],ª,ê,é[]B,»^ÈŠO,ì[]ê[]#[]A result ,É0,ªŠi"[],ª,ê,é[]B

## **zmodemsend**      **changed**

☒`Ž®:

**zmodemsend <filename> <binary flag>**

ftf@fCf< <filename> ,đ ZMODEM fvf[]fgfRf<,Å'—[]M,; ,é[]B  
'—[]M,ª[]l,í,é,Ü,ÅŽŸ,lfRf}f“fh,ÍŽÀ[]s,³,ê,È,ç[]B  
ftf@fCf<,ª[]³,µ,“]’—,³,ê,½[]ê[]#[]AfVfXfef€•í[]” result  
,É1,ªŠi”[,³,ê,é[]B,» ,ê^ÈŠO,ì[]ê[]#[]A result ,É0,ªŠi”[,³,ê,é[]B

ftf@fCf<,ªfofCfifŠftf@fCf<,ì[]ê[]# ,í[]A<binary flag> ,í0^ÈŠO,Å,È, -,ê,î,È,ç,È,ç[]B  
fefLfXfgftf@fCf<,ì[]ê[]# ,í[]A<binary flag> ,í0,Å,È, -,ê,î,È,ç,È,ç[]B

—á:

**zmodem 'readme.txt' 0**

## call

☒`Ž®:

**call <label>**

<label> ☐s,©,çŽn,Ü,éfTfuf<☐[f`f“,đfR☐[f<,·,é☐B

—á:

**messagebox "I'm in  
main." "test"**

**call sub**

":sub" ,Ö”ò,Ô☐B

**messagebox "Now I'm in  
main" "test"**

**end**

**:sub**

fTfuf<☐[f`f“,ìŽn,Ü,è☐B

**messagebox "Now I'm  
in sub" "test"**

**return**

f☐fCf“f<☐[f`f“,Ö,à,Ç,é☐  
B

## end

☒`Ž®:

**end**

TTL ,ìŽÀ☐s,đ☐I—<sup>1</sup>,·,é☐BMACRO ,à☐I—<sup>1</sup>,·,é☐B



## for, next

☒`Ž®:

```
for <intvar> <first> <last>
...
...
next
```

"for" ,Æ "next" ,İŠÔ,İfRf}f“fh,đ□A□®□”•İ□” <intvar> ,İl,<sup>a</sup> <last> ,Æ“™” ,μ,  
,È,é,Û,Å□A□EJ,è,©,!,·□B

<intvar> ,İ□%Šú'l,Í <first> □B,à,μ <last> ,<sup>a</sup> <fast>  
,æ,è'å,«,ç□ê□#□A<intvar> ,Í "next" □s,É—^,é,½,Ñ,É 1 '«,<sup>3</sup>,ê,é□B,à,μ <last> ,<sup>a</sup>  
<fast> ,æ,è□¬,<sup>3</sup>,ç□ê□#□A<intvar> ,Í "next" □s,É,,é,½,Ñ,É 1 ^ø,©,ê,é□B

—á:

```
for i 1 10                                10%ñ□EJ,è•Ô,·□B
  sendln 'abc'
next
```

```
for i 5 1                                  5%ñ□EJ,è•Ô,·□B
  sendln 'abc'
next
```

## goto

☒`Ž®:

```
goto <label>
```

<label> □s,İŽŸ,İ□s,ÖfWfff“fv,·,é□B

—á:

```
goto label                                ':label'
...                                       ,İŽŸ,İ□s,ÖfWfff“fv□B
...
...
:label                                    f%ofxf<□s
send 'abc'
```

## if, then, elseif, else, endif

1) ☒`Ž®:

```
if <int> <statement>
```



,à,μ <int> ,a0^ÈŠO,È,ç,î[AfRf]}f“fh <statement> ,đŽÀ[s,·,é]B

—á:

<b>if A&gt;1 goto label</b>	,à,μ A>1 ,È,ç,î[A':label' ,Ö"ò,Ô]B
<b>if result A=0</b>	,à,μ result<>0 ,È,ç,î[AA ,É0,đ'ã"ü]B

2) Ć`Ž®:

```
if <int 1> then  
  ...  
  (<int 1> ,a^(0^ÈŠO),ìê†,ÉŽÀ[s,³,ê,éfRf]}f“fh)  
  ...  
[elseif <int 2> then]  
  ...  
  (<int 1> ,a<U(0),Ā[A<int 2>,a^(,ìê†,ÉŽÀ[s,³,ê,éfRf]}f“fh)  
  ...  
[elseif <int N> then]  
  ...  
  (<int 1>, <int 2>, ..., <int N-1> ,a,·, x,Ā<U,Ā[A<int N>  
  ,a^(,ìê†,ÉŽÀ[s,³,ê,éfRf]}f“fh)  
  ...  
[else]  
  ...  
  (ã,ìđĀ,·, x,Ā,a<U,ìê†,ÉŽÀ[s,³,ê,éfRf]}f“fh)  
  ...  
endif
```

'then' ,í 'if' ,Æ 'elseif' [s,ìĀĀă,É,È,·,ê,î,È,ç,È,ç]B

'elseif' ,Æ 'else' ,í,È,,Ā,à,æ,ç]B

'endif' ,í•K,·K—v]B

—á:

```
if a=1 then  
  b = 1  
  c = 2  
  d = 3  
endif
```

```
if i<0 then
```

```
    i=0  
else  
    i=i+1  
endif
```

```
if i=1 then  
    c = '1'  
elseif i=2 then  
    c = '2'  
elseif i=3 then  
    c = '3'  
else  
    c = '?'  
endif
```

## include

☒`Ž®:

**include <include file name>**

fCf“fNf<[]fhftf@fCf<,É^Ú,é□B

—á:

----- f□fCf“ftf@fCf< "main.ttl" -----

**i=10**

**:loop**

**include 'sub.ttl'**

**if i>=0 goto loop**

**end**

----- f□fCf“ftf@fCf<□l,í,è -----

----- fCf“fNf<[]fhftf@fCf< "sub.ttl" ----

**if i<0 then**

**messagebox 'error!'**

**'sub'**

**exit**

**endif**

**i = i - 1**

----- fCf“fNf<[]fhftf@fCf<□l,í,è -----

fCf“fNf<[]fhftf@fCf<,Ö  
^Ú,é□B

f□fCf“ftf@fCf<,Ö-  
β,é□B

f□fCf“ftf@fCf<,Ö-  
β,é□B

## pause

☒`Ž®:

**pause <time>**

TTL ,ìŽÀ□s,đ <time> •b,¾,¯<xŽ~ ,: ,é□B

—á:

**pause 10**

10•b<xŽ~

**pause Time**

## return

☒`Ž®:

**return**

fTfuf<□[f`f“ ,đ”²,¯□Af□fCf“f<□[f`f“ ,Ö-ß,é□B

—á:

"call" ŽQ□Æ□B

## while, endwhile

☒`Ž®:

```
while <int>
...
...
...
endwhile
```

'while' ,Æ 'endwhile' ,ìŠÔ,ìfRf}}f“fh,đ□A <int> ,²0^ÈŠO,Å, ,éÆÀ,è□AÆJ,è•Ô,·□B

—á:

```
    i = 10
    while i>0
        i = i - 1
    endwhile
```

10%oňÆJ,è•Ô,·□B

## code2str new

☒`Ž®:

```
code2str <strvar> <ASCII code>
```

□®□”l <ASCII code> ,² 1□`255 ,ìêê±□ASCII fR□[fh <ASCII code> ,É‘  
%ož,·,é•¶Žš,đ•¶Žš—ň•ï□” <strvar> ,ÉŠi”[,·,é□B

,±,ìfRf}}f“fh,í <ASCII code> ,Å•\,³,ê,é ASCII fR□[fh—ň,đ•¶Žš—  
ň,É•İŠ·,μ□A,»ê,đ <strvar> ,ÉŠi”[,·,é□B<ASCII code> ,ì0,Å,È,ç□Å□ã^ÊfofCfg,²  
ASCII fR□[fh—ň,ì1fofCfg-Ú,Æ,Ý,È,³,ê,é□B<ASCII code> ,²0,ìêê±□A<strvar>  
,É,í·,³0,ì•¶Žš—ň (“”) ,²Ši”[,³,ê,é□B•¶Žš—ň,ì□Å‘â’·,í TTMACRO.EXE  
,ìêê±2□ATTPMACRO.EXE ,ìêê±4□B

—á:

```
code2str str $41
code2str str $4142
```

•¶Žš "A" ,²•ï□”"str"  
,ÉŠi”[,³,ê,é□B"A"  
,ì□@ASCII  
fR□[fh,í\$41□B  
•¶Žš—ň "AB" ,²•ï□”  
"str"  
,ÉŠi”[,³,ê,é□B\$41 ,í  
"A" ,ì□A\$42,í "B"  
,ìASCII fR□[fh□B

## int2str

☒`Ž®:

**int2str** <strvar> <integer value>

☐®☐""l <integer value> ,đ10☐i•\☒» ,ì•ŕŽš—ň ,É•İš• ,μ ,Ä•ŕŽš—ň☒^•İ☐"  
<strvar> ,É'ã"ü , ,é☐B

—á:

**int2str valstr 123**

valstr,É '123' ,đ'ã"ü

## **str2code**      **new**

☒`Ž®:

**str2code** <intvar> <string>

•ŕŽš—ň <string> ,ª1•ŕŽš ,ìê☐#☐A ,» ,ì•ŕŽš ,ì ASCII fR☐[fh ,đ☐®☐""•İ☐" <intvar>  
,ÉŠi" [ , ,é☐B

<string> ,ì' ,ª ,ª2^è☐ã ,ìê☐#☐A<string> ,đ ,» ,ì ASCII fR☐[fh—ň ,É•İš• ,μ☐A ,» ,é ,đ  
<intvar> ,ÉŠi" [ , ,é☐B <intvar> ,Í☐Å'å n ☒Â ,ì ASCII  
fR☐[fh ,đŠi" [ ,Å ,« ,é(TTMACRO.EXE ,ìê☐# n=2☐ATTPMACRO.EXE ,ìê☐#  
n=4)☐B ,à ,μ <string> ,ì' ,ª ,ª n •ŕŽš ,æ ,è' , ,ç☐ê☐#☐AASCII fR☐[fh—ň ,ì☐Å☒ã ,ì n  
fofCfg ,ª <intvar> ,ÉŠi" [ ,ª ,é ,é☐B

—á:

**str2code val 'A'**

val=65 ("A" ,ìASCII  
fR☐[fh)

**str2code val 'AB'**

val=65\*256+66

## **str2int**

☒`Ž®:

**str2int** <intvar> <string>

10☐i☐""\☒» ,ì•ŕŽš—ň <string> ,đ☐®☐""l ,É•İš• ,μ☐A☐®☐""•İ☐" <intvar>  
,É'ã"ü , ,é☐B☐☐í ,É•İš• ,Å ,« ,½☐ê☐# ,í1☐A ,Å ,« ,È ,© ,Á ,½☐ê☐# ,í0 ,ªfVfXfef€•İ☐" result  
,É  
'ã"ü ,ª ,é ,é☐B

—á:

**str2int val '123'**

val=123, result=1

**str2int val '123abc'**

result=0

## strcmp

☞ Ž:

**strcmp <string1> <string2>**

2, Ā, ĩ • Žš—ñ <string1>, <string2>, ð” äŠr, μ ÅĒ<%oĒ, ðfVfXfef€ • ĩ” result  
, É’ ä” ü, , é B

• Žš—ñ, ĩ • ŽšfR [fh • \Ē» , ð • „ , +, Ē, μ @” ( Å %o, ĩ • Žš, a Å ä ^ ÊfofCfg)  
, Ē, Ý, Ē, μ A2, Ā, ĩ • Žš—ñ, É’ ĩ %ož, , é @” ’ ĩ, ĩ’ å—ŠÖĒW, ð < , ß A, » , é, É %ož, ĩ, Ä ^ Ē  
%o, ĩ, æ, x, É result , ĩ’ , aĒ ^ è, , é B

’ å—ŠÖĒW	result , ĩ’
<string1> < <string2>	-1
<string1> = <string2>	0
<string1> > <string2>	1

—á:

**strcmp 'abc' 'def'** result = -1

**strcmp command  
'next'  
if result=0 goto label  
strcmp command  
'end'  
if result=0 end**

## strcat

☞ Ž:

**strcat <strvar> <string>**

• Žš—ñ • ĩ” <strvar>, ĩ • Žš—ñ’ ĩ, ĩ ÅĒ ä, É • Žš—ñ <string>, ðĒp, ¬’ «, • B

—á:

**filename = 'c:\teraterm\  
strcat filename 'test.txt'**

## strcpy

☒ Ž®:

**strcpy <string> <pos> <len> <strvar>**

• Žš—ň <string> ,ì <pos> • Žš—Ú, ©, ç <len> • Žš•ª, ð • Žš—ň•ï”  
<strvar> ,ÉfRfs[][,·,éB

—á:

**strcpy 'tera term' 6 4**      substr='term'  
**substr**

## strlen

☒ Ž®:

**strlen <string>**

• Žš—ň <string> ,ì'·,ª, ðfVfXfef€•ï” result ,ÉŠi”[,·,éB

—á:

**strlen 'abc'**      result ,ì'l,í3

## strscan

☒ Ž®:

**strscan <string> <substring>**

• Žš—ň <string> ,ì†,É •• Žš—ň <substring> ,ªŠÜ,Ü,ê,Ä,ç,é,©,Ç,ª  
,©'²,x,éB  
,à,µA <substring> ,ª©,Â,©,Á,½ê#A,» ,ì^É'u,ªfVfXfef€•ï” result  
,ÉŠi”[,ª,ê,éB <substring> ,ª•i”ŠÜ,Ü,ê,Ä,ç,éê#AÅ%ª  
,ì,à,ì,ì^É'u,ªŠi”[,ª,ê,éB  
,à,µA <substring> ,ª©,Â,©,ç,È,©,Á,½ê#A result ,É0,ªŠi”[,ª,ê,éB

—á:

**strscan 'tera term' 'term'**      result ,ì'l,í6

## fclose

☒ Ž®:

**fclose <file handle>**

ftf@fCf<fnf”fhf< <file handle> ,ÅŽw'è,ª,ê,éftf@fCf<,ðfNf[][]fY,·,éB  
,±,ìfRf}}f”fhŽÀsCEãA <file handle> ,ì-ªCEø,Æ,È,éB



—á:

**fileclose fhandle**

## fileconcat

☒`Ž®:

**fileconcat <file1> <file2>**

ftf@fCf< <file2> ,ì“à—e,đftf@fCf< <file1> ,ìÅŒã,É’Ç%oÁ,·,éB<file1> ,Æ  
<file2> ,í^á,ıftf@fCf<,Å,È,¯,ê,Î,È,ç,È,çB

—á:

**fileconcat 'test.dat' test2.dat'**

## filecopy

☒`Ž®:

**filecopy <file1> <file2>**

ftf@fCf< <file1> ,đfRfs[][,μ[]Aftf@fCf< <file2> ,đ[][]-,·,é[]B  
<file2> ,ª,·,Å,É'¶[]Ý,·,é[]ê[]‡,í[]ǎ[]',«,<sup>3</sup>,ê,é[]B  
<file1> ,Æ <file2> ,í^á,π-¼'O,Å,È,-,ê,î,È,ç,È,ç[]B

—á:

**filecopy 'test.dat' 'test2.dat'**

## filecreate

☒`Ž®:

**filecreate <file handle> <filename>**

ftf@fCf< <filename> ,đV,μ,îï¬,μfi[fvf“; ,éB  
ftf@fCf<f|fCf“f^ ,íftf@fCf<,ìæ“ª,ÉfZfbfg,³,ê,éB,·,Å,É“¬,¶-  
¼'O,ìftf@fCf<,ª¶Y,·,éê#Aftf@fCf<fTfCfY,ÍO,É,³,ê,éB,à,μftf@fCf<,ª³,μ,-  
îï¬,³,êAfi[fvf“ ,³,ê,½ê#Aftf@fCf<fnf“fhf<,ª®”•ï” <file handle>  
,ÉŠi”[,³,ê,éB,» ,ê^ÈŠO,ìê#A<file handle> ,É-1,ªŠi”[,³,ê,éB

—á:

**filecreate fhandle 'data.dat'**

## filedelete

☒ Ž®:

**filedelete <filename>**

ftj@fCf< <filename> ,đíæ, ,éB

—á:

**filedelete 'temp.log'**

## filemarkptr **new**

☒`Ž®:

**filemarkptr <file handle>**

<file handle> ,ÅŽw'è,<sup>3</sup>,ê,éfl[fvf"<sup>3</sup>,ê,Ä,ç,éftf@fCf<,ì☒»Ý,ìftf@fCf<f|  
fCf"f^,đ•Û'¶,·,é☐B•Û'¶,<sup>3</sup>,ê,½ftf@fCf<f|fCf"f^,í "fileseekback" ,É,æ,Á,Ä☒Ä,Ñ-  
ß,·,±,Æ,<sup>a</sup>,Å,«,é☐B

—á:

**filemarkptr fhandle**

"filestrseek2" ,ì—á,đŽQ☐Æ

## fileopen

☒`Ž®:

**fileopen <file handle> <filename> <append flag>**

ftf@fCf< <filename> ,đftf@fCf<,đf|[]fvf“ ;,é□B  
ftf@fCf<,ª‘¶□Ý,µ,È,¢□ê□‡,Í□A□V,½,É□ì□¬,³,ê,Ä,©,çf|[]fvf“,³,ê,é□B  
,à,µftf@fCf<,ª³,µ,f|[]fvf“,³,ê,½□ê□‡□Aftf@fCf<fnf“fhf<,ª®□”•ï□” <file  
handle> ,ÉŠi”[,³,ê,é□B,»ê^ÈŠO,ì□ê□‡□A<file handle> ,É-1,ªŠi”[,³,ê,é□B

<append flag> ,ª0,ì□ê□‡□Aftf@fCf<f|  
fCf“f^,ì^Ê‘u,íftf@fCf<,ìŽn,ß,ÉfZfbfg,³,ê,é□B  
<append flag> ,ª0^ÈŠO,ì□ê□‡□Aftf@fCf<f|  
fCf“f^,íftf@fCf<,ì□ÅÆã,ÉfZfbfg,³,ê,é□B

—á:

**fileopen fhandle 'data.dat' 0**

**fileopen fhandle 'data.dat' 1**

## filereadln

☒`Ž®:

**filereadln** <file handle> <strvar>

ftf@fCf<fnf“fhf< <file handle> ,ÅŽw’è,³,ê,éftf@fCf<,©,ç^ê□s“Ç,P□B  
“Ç,Ý□ž,Ü,ê,½□s,í□A•ŕŽš—ň•ĭ□” <strvar> ,ÉŠi”[,³,ê,é□B  
ftf@fCf<f|fCf“f^,íŽŸ,ì□s,ìŽn,β,Ö^Ú“® ,: ,é□B,à,μ□A□s,đ“Ç,ň,Å,ç,éŠÔ,Éftf@fCf<f|  
fCf“f^ ,³ftf@fCf<,ì□ÅĀă,É’B,μ,½□ê□#□AfVfXfef€•ĭ□” result  
,É1,³Ši”[,³,ê,é□B,» ,ê^ÈŠO,ì□ê□#□Aresult ,É0,³Ši”[,³,ê,é□B

—á:

```
fileopen fhandle 'test.txt'  ftf@fCf<f|□[fvf“  
0  
:loop  
filereadln fhandle line    ^ê□s“Ç,Ý□ž,Ý  
if result goto fclose  
messagebox line          “Ç,Ý□ž,ň,¾□s,đ•\Ž|  
'test.txt'  
goto loop                ftf@fCf<□ÅĀă,Ü,ÅĀĲ,  
è•Ô,·  
:fclose  
fileclose fhandle        ftf@fCf<fnf□□[fY
```

## filerename

☒`Ž®:

**filerename** <file1> <file2>

ftf@fCf< <file1> ,đ <file2> ,Æ,ç,¼-¼’O,É•ĭ□X,·,é□B  
<file1> ,Æ <file2> ,í^á,¼-¼’O,Å,È,¯,ê,Î,É,ç,È,ç□B

—á:

**filerename** 'test.dat' test2.dat'





## fileseek

☒`Ž®:

**fileseek <file handle> <offset> <origin>**

ftf@fCf<fnf"fhf< <file handle> ,ÅŽw'è,<sup>3</sup>,ê,éftf@fCf<,lftf@fCf<f|  
fCf"f^,đ^Ú"®,,é□B

^Ú"®☒ă,lftf@fCf<f|fCf"f^,í□A

<origin> ,<sup>0</sup>,ì,Æ,«□Aftf@fCf<,ì□Å□%o,©,ç <offset> fofCfg

<origin> ,<sup>1</sup>,ì,Æ,«□A☒»□Ý,ì^Ê'u,©,ç <offset> fofCfg

<origin> ,<sup>2</sup>,ì,Æ,«□Aftf@fCf<,ì□Å☒ă,©,ç <offset> fofCfg

,Æ,È,é□B

—á:

**fileseek fhandle 0 0**

ftf@fCf<,ì□Å□%o  
,Ö^Ú"®

**fileseek fhandle 10 1**

☒»□Ý,ì^Ê'u,©,ç10fof  
Cfg□æ,Ö^Ú"®

**fileseek fhandle 0 2**

ftf@fCf<,ì□Å☒ă,Ö^Ú"  
®

**fileseek fhandle 0-10 2**

ftf@fCf<,ì□Å☒ă,©,ç10  
fofCfg'O,ì^Ê'u,Ö^Ú"®

## fileseekback **new**

☒`Ž®:

**fileseekback <file handle>**

ftf@fCf<fnf"fhf< <file handle> ,ÅŽw'è,<sup>3</sup>,ê,éI□[fvf"<sup>3</sup>,ê,Ä,ç,éftf@fCf<,lftf@fCf<f|  
fCf"f^,đ"filemarkptr" fRf}f"fh,É,æ,Á,Ä•Ú'¶,<sup>3</sup>,ê,½^Ê'u,É^Ú"®,<sup>3</sup>,<sup>1</sup>,é□B

—á:

**fileseekback fhandle**

"filestrseek2" ,ì—á,đŽQ□Æ

## filestrseek new

☞ Ž®:

**filestrseek <file handle> <string>**

ftf@fCf<fnf“fhf< <file handle> ,ÅŽw’è,³,ê,éftf@fCf<,©,ç□A•¶Žš—ñ <string>  
,đŒÿ□ō,·,é□BŒÿ□ō,ÍŒ»□Ý,ìftf@fCf<f|fCf“f^,ì^É’u,©,çŠJŽn,·,é□B  
Œÿ□ō,Í’O•ù(ftf@fCf<,ì□,í,è,ì•ù)  
,ÉŒü,©,Á,Ä□s,í,ê,é□AŒã•ù,ÉŒü,©,Á,Ä,ìŒÿ□ō,É,Í "filestrseek2" fRf}f“fh,đŽg—  
p,·,é□B

<string> ,³Œ©,Â,©,Á,½□ê□#□Aftf@fCf<f|fCf“f^,í <string>

,ìŽÿ,ì•¶Žš,ì^É’u,É,È,è□AfVfXfef€•í□” result ,É1,³Ši”[,³,ê,é□B

<string> ,³Œ©,Â,©,ç,È,©,Á,½□ê□#□Aftf@fCf<f|fCf“f^,ì^Ú”®,<sup>1</sup>,,□AfVfXfef€•í□”  
result ,É0,³Ši”[,³,ê,é□B

—á:

**fileopen fhandle**

**'teraterm.log' 0**

**filestrseek fhandle 'abc'**

ftf@fCf<

"teraterm.log"

,©,ç•¶Žš—ñ "abc"

,đŒÿ□ō,μ□A

**if result=0 goto**

**not\_found**

**filereadln fhandle str**

"abc"

,ìŽÿ,ì•¶Žš,©,ç,»,ì□s,ì

□,í,è,Ü,Ä,đ“Ç,Ý□ž,Þ

**:not\_found**

**fileclose fhandle**

## filestrseek2 new

☞ Ž®:

**filestrseek2 <file handle> <string>**

ftf@fCf<fnf“fhf< <file handle> ,ÅŽw’è,³,ê,éftf@fCf<,©,ç□A•¶Žš—ñ <string>  
,đŒÿ□ō,·,é□BŒÿ□ō,ÍŒ»□Ý,ìftf@fCf<f|fCf“f^,ì^É’u,©,çŠJŽn,·,é□B  
Œÿ□ō,ÍŒã•ù(ftf@fCf<,ìŽn,ß,ì•ù)  
,ÉŒü,©,Á,Ä□s,í,ê,é□A’O•ù,ÉŒü,©,Á,Ä,ìŒÿ□ō,É,Í "filestrseek" fRf}f“fh,đŽg—  
p,·,é□B

<string> ,³Œ©,Â,©,Á,½□ê□#□Aftf@fCf<f|fCf“f^,í <string>

```

,ì¼'Ò,ì•ŕŽš,ì^Ê'u,É,È,è AfVfXfef€•ï" result ,É1,Ši"[,³,ê,éB
<string> ,ŠĀ©,Â,©,ç,È,©,Á,½ê# AfTf@fCf<f|fCf"f^,í^Ú"®,, AfVfXfef€•ï"
result ,É0,Ši"[,³,ê,éB
,±,ìRf}f"fh,đŽÀs,·,é'O,É,·,Á,Éftf@fCf<f|fCf"f^,³0,ìê# Aresult
,É0,Ši"[,³,ê,éB

```

—á:

<b>fileopen fhandle</b> <b>'teraterm.log' 1</b>	f fCf< "teraterm.log" ,đf  [fvf" AfTf@fCf<f  fCf"f^,ìftf@fCf<,ìĀĀ ã
<b>:next</b> <b>filestrseek2 fhandle 'abc'</b>	•ŕŽš—ñ "abc" ,đĀã•úĀŸõ
<b>if result=0 goto</b> <b>not_found</b>	
<b>filemarkptr fhandle</b> <b>filereadln fhandle str</b>	f fCf"f^,đ•Ű'ŕ "abc" ,ì¼'Ò,ì•ŕŽš,©,ç,»,ìs ,ì ,í,è,Ű,Ā,đ"Ç,Ÿž,Ŧ
<b>fileseekback fhandle</b> <b>goto next</b> <b>:not_found</b> <b>fileclose fhandle</b>	f fCf"f^,đ-Ŧ, ŽŸ,đĀŸõ

## filewrite

Ā`Ž®:

**filewrite <file handle> <string>**

```

ftf@fCf<fnf"fhf< <file handle> ,ĀŽw'è,³,ê,éftf@fCf<,ÖĀ•ŕŽš—ñ <string>
,đ,«ž,ŦB

```

—á:

**filewrite fhandle '-----cut here-----' #13#10**

## filewriteln

☒ Ž®:

**filewriteln <file handle> <string>**

ftf@fCf<fnf“fhf< <file handle> ,ÅŽw'è,³,ê,éftf@fCf<,Ö□A•¶Žš—ñ <string> ,Æ  
%oü□s•¶Žš (CR+LF) ,đ□',«□ž,þ□B

—á:

**filewriteln fhandle '-----cut here-----'**

## findFirst new

☒`Ž®:

**findFirst <dir handle> <file name> <strvar>**

findFirst fRf}f"fh,łftf@fCf<-¼ <file name> ,É, ,xÅ%  
,łftf@fCf<,đ'T,·Bftf@fCf<,aĈ©,Â,©,Á,½ê#AfffBfĈfNfgfŠfnf"fhf<,a <dir  
handle> ,ÉAÅ% ,łftf@fCf<-¼,a <strvar> ,ÉŠi"[,³,êAfvfXfef€•i" <result>  
,É 1 ,aŠi"[,³,ê,éB,» ,ê^ĚŠO,ìê#A<dir handle>, <strvar>, "result"  
,É,» ,ê,¼,ê -1, "" , 0 ,aŠi"[,³,ê,éB

findFirst fRf}f"fh,aÅ%  
,łftf@fCf<,đĈ©,Â, ,½ê#AfffBfĈfNfgfŠfnf"fhf<,đŽw'è,μ,Ä findnext  
fRf}f"fh,đŽg—p,μA<file name> ,É, ,xŽŸ,łftf@fCf<,đ'T,·,±  
,Æ,a,Ä,« ,éBfffBfĈfNfgfŠfnf"fhf<,í findclose fRf}f"fh,É,æ,Á,Ä  
%đ•ú,³,ê,Ě, ,ê,Î,Ě,ç,Ě,çB

## findnext new

☒`Ž®:

**findnext <dir handle> <strvar>**

findnext fRf}f"fh,í findfirst fRf}f"fh,ÅŽw'è,³,ê,½ftf@fCf<-  
¼,É, ,xŽŸ,łftf@fCf<,đ'T,·B®""l <dir handle> ,í findfirst  
fRf}f"fh,Å"¾,ç,ê,½fffBfĈfNfgfŠfnf"fhf<,Å,Ě, ,ê,Î,Ě,ç,Ě,çB,à,μŽŸ,łftf@fCf<,aĈ  
©,Â,©,Á,½ê#A<strvar> ,Éftf@fCf<-¼,aA"result" ,É 1 ,aŠi"[,³,ê,éB  
,» ,ê^ĚŠO,ìê# ,íA<strvar> ,Æ "result" ,É,» ,ê,¼,ê "" ,Æ 0 ,aŠi"[,³,ê,éB

## findclose new

☒`Ž®:

**findclose <dir handle>**

findclose fRf}f"fh,í findfirst fRf}f"fh,É,æ,Á,Ä"¾,ç,ê,½fffBfĈfNfgfŠfnf"fhf< <dir  
handle> ,đ%đ•ú,·,éB,±,łfRf}f"fh,í findfirst  
fRf}f"fh,aftf@fCf<,đĈ©,Â, ,½ê#AŽÀ[s,³,ê,Ě, ,ê,Î,Ě,ç,Ě,çB

—á:

```
findFirst dh '*.txt' filename
while result
  messagebox filename '*.txt'
  findnext dh filename
endwhile
```

**findclose dh**

**getdir**            **new**

☒`Ž®:

**getdir <strvar>**

(Tera Term ,Å,í,È,) MACRO ,ì☒»☐Ý,ìfffBf☒fNfgfŠ,đ•¶Žš—ň•ï☐” <strvar>  
,ÉŠi”[,·,é☐B

ŽQ☐Æ:

"setdir"

—á:

**getdir dir**



## makepath new

☒`Ž®:

**makepath <strvar> <dir> <name>**

ffBfĀfNfgfŠ-¼ <dir> ,Æftf@fCf<-¼ <name> ,©,çftf<fpfX-¼,đŀŀŀ,μA•ŀŽš  
—ñ•ŀŀ” <strvar> ,ÉŠi”[ , ,éŀB,à,μ•K—v,È,ç <dir> ,Æ <name> ,ŀŠÔ,É “\”  
,đ’}“ü, , ,éŀB

—á:

**makepath path 'c:\  
teraterm' 'test.txt'**

path = "c:\teraterm\  
test.txt"

## setdir new

☒`Ž®:

**setdir <dir>**

MACRO ,ŀĀ»ŀŀ,ŀffBfĀfNfgfŠ,đ <dir> ,É•ŀŀX, , ,éŀB

'ŀ^Ō: changedir fRf}f“fh,Í Tera Term

,ŀĀ»ŀŀ,ŀffBfĀfNfgfŠ,đ•ŀŀX, , ,éŀB'ÉŀMfRf}f“fh(kmtsend “™)

,ÅŽw'è,<sup>3</sup>,ê,éftf@fCf<-¼,Í Tera Term ,ŀĀ»ŀŀ,ŀffBfĀfNfgfŠ,đŠŀ€

,É, , ,éŀB,» ,ŀ'¼,ŀfRf}f“fh(fileopen “™),ÅŽw'è,<sup>3</sup>,ê,éftf@fCf<-¼,Í MACRO

,ŀĀ»ŀŀ,ŀffBfĀfNfgfŠ,đŠŀ€ ,É, , ,éŀB

—á:

**setdir 'c:\'**

## delpassword

☒`Ž®:

**delpassword <filename> <password name>**

fpfXf□□[fhftf@fCf< <filename> ,l't,É, ,é <password name>  
,ÅŽw'è,<sup>3</sup>,ê,<sup>1/2</sup>fpfXf□□[fh,đ□í□œ,·,é□B,à,μ <password name> ,<sup>a</sup><ó,ì•¶Žš—  
ñ,È,ç,î□AfpfXf□□[fhftf@fCf<,l't,É, ,é,·,×,Ä,lfpfXf□□[fh,<sup>a</sup>□í□œ,<sup>3</sup>,ê,é□B

fpfXf□□[fhftf@fCf<,É,Â,ç,Ä,í "getpassword" ŽQ□Æ□B

—á:

**delpassword 'password.dat' 'mypassword'**

## getpassword

CE`Ž®:

**getpassword <filename> <password name> <strvar>**

fpfXf[] [fhftf@fCf< <filename> , ©, ç <password name>  
, ĀŽw'è,³,ê,éfpfXf[] [fh,đ“Ç,Ý,¾,·□B,» ,ìfpfXf[] [fh,í^Ã□+%» ,³,ê,Ä,ç,é,ì,Ā□A,» ,ê,đ  
%ođ“Ç,μ,Ä,©,ç•¶Žš—ñ•ï□” <strvar> ,É•Ů'¶,·,é□B

,à,μŽw'è,³,ê,½ftf@fCf<,ª'¶□Ý,μ,È,¯,ê,î□A□V,μ,ftf@fCf<,đ□ì□¬,·,é□B  
,à,μŽw'è,³,ê,½fpfXf[] [fh,ªftf@fCf<,ì'†,É,È,¯,ê,î□AfpfXf[] [fhf\_fCfA□fOf{fbfNfX,ª  
CE»,ê□A“ü—í,³,ê,½fpfXf[] [fh,í•¶Žš—ñ•ï□” <strvar>  
,É•Ů'¶,³,ê,é□B“~Žž,É□A,» ,ì□V,μ,çfpfXf[] [fh,í^Ã□+%» ,³,êfpfXf[] [fhŽ~•Êžq  
<password name> ,Æ<α,Éftf@fCf<,É□',«□ž,Ů,ê,é□B

^ê,Ā,ìfpfXf[] [fhftf@fCf<,É•i□”,ìfpfXf[] [fh,đ•Ů'¶,·,é,±,Æ,ª,Ā,« ,é□B  
ŠefpfXf[] [fh,ìfpfXf[] [fhŽ~•Êžq,É,æ,Ā,ĀŽ~•Ê,³,ê,é□B

—á:

**getpassword 'password.dat' 'mypassword' password  
connect 'myhost'  
wait 'login:'  
sendln 'myname'  
wait 'password:'  
sendln password**

## passwordbox

☪`Ž®:

**passwordbox <message> <title>**

fpxf[fh,đ“ü—í,·,é,½,ß,lfCfAfOf{fbfNfX,đŠ},B  
•Źš—ň <message> ,lfCfAfOf{fbfNfX,É•Ž|,³,ê,éfbfZ[fW A•Źš—ň  
<title> ,lfCfAfOf{fbfNfX,lf^Cf^fB“ü—í,³,ê,épxf[fh,í,»,ì,Ü,Ü•\  
Ž|,³,ê, A,©,í,è,ÉA"\*\*\*\*" ,ì,æ,æ,É•Ž|,³,ê,éB“ü—  
í,³,ê,½fpxf[fh,lfVfXfef€•i" inputstr ,É'ă“ü,³,ê,éB

—á:

**passwordbox 'Enter password' 'Login'**

**beep**

Œ`Ž®:

**beep**

fr[]fv%o<sup>1</sup>,đ-Â,ç,·[]B

## **closesbox**

Œ`Ž®:

**closesbox**

statusbox fRf}f“fh,É,æ,Á,ĂŠJ,©,ê,½fXfe[]f^fXf\_fCfAf[]fOf{fbfNfX,đ•Â,¶,é[]B

—á:

"statusbox" ŽQ[]Æ[]B

## exec

CE`Ž®:

**exec <command line>**

fRf}f“fhf%ofCf“•¶Žš—ñ <command line> ,É[]  
,č[]AfAvfššfP[]fVf†f“ ,đ<N“® ,·,é[]B

—á:

**exec 'notepad  
readme.txt'**

[]uf[]f,' []v,đ<N“®

## getdate

CE`Ž®:

**getdate <strvar>**

CE»[]Ý,ì“ú•t,đ•¶Žš—ñ•ĭ[]” <strvar> ,ÉŠi”[,·,é[]BCE`Ž®,í "YYYY-MM-DD"[]B

—á:

**getdate datestr**

## getenv

Œ`Ž®:

**getenv <envname> <strvar>**

ŠÂ««•ï” <envname> ,ì'l,đ•¶Žš—ñ•ï” <strvar> ,ÉŠi”[,·,é”B

—á:

**getenv 'TEMP' env**



## gettime

☒`Ž®:

**gettime <strvar>**

☒»Ÿ,ìŽž□□,đ•¶Žš—ň•ï□" <strvar> ,ÉŠi"[,·,é□B ☒`Ž®,í"HH:MM:SS"□B

—á:

**gettime timestr**

## inputbox

☒`Ž®:

**inputbox <message> <title>**

•ŦŽš—ñ,đ“ü—í,·,é,½,ß,ìf\_fCfAf□fOf{fbfNfX,đŠJ,□B•ŦŽš—ñ <message>  
,Íf\_fCfAf□fOf{fbfNfX,É•\Ž|,³,ê,éf□fbfZ□[fW□A•ŦŽš—ñ <title>  
,Íf\_fCfAf□fOf{fbfNfX,ìf^fCfGf<□B“ü—í,³,ê,½•ŦŽš—ñ,ÍfVfXfef€•ï□” inputstr  
,É‘ã“ü,³,ê,é□B

—á:

**inputbox 'Password:' 'Login'  
sendln inputstr**

## messagebox

☒`Ž®:

**messagebox <message> <title>**

f\_fCfAf□fOf{fbfNfX,đŠ),«□Af†□[fU□[,Éf□fbfZ□[fW,đ'm,ç,<sup>1</sup>,é□B•¶Žš—ň  
<message> ,Íf\_fCfAf□fOf{fbfNfX,É•\Ž|,<sup>3</sup>,ê,éf□fbfZ□[fW□A•¶Žš—ň <title>  
,Íf\_fCfAf□fOf{fbfNfX,Íf^fCfgf<□B

—á:

**messagebox ErrorMessage 'Error'**

## setdate

☒ Ž®:

**setdate <date>**

fVfXfef€,ì“ú•t,đ•ïX <date> ,É•ïX,,:éB<date> ,ì☒ Ž®,í "YYYY-MM-DD" B

—á:

**setdate '1997-08-01'**

## setdlgpos

☒`Ž®:

**setdlgpos <x> <y>**

"inputbox", "messagebox", "passwordbox", "statusbox" fRf}f"fh,Å•\  
Ž|,³,ê,éf\_fCfAf□fOf{fbfNfX,ì□  
%Šú^Ê'u,ð•ì□X,·,é□B,Ü,½□AfXfe□[f^fXf\_fCfAf□fOf{fbfNfX,ª•\Ž|,³,ê,Ä,¢  
,é□ê□#□Asetdlgpos fRf}f"fh,í,»,)f\_fCfAf□fOf{fbfNfX,ð^Ú"® ,³,¹,é□B

<x> ,Æ <y> ,í%œ-Ê,ì□À•W (x,y) ,ð•\,í,·□BCE´" \_ (0,0) ,í%œ-  
Ê,ì□¶□ã,ì<÷,ì^Ê'u□B

—á:

**setdlgpos 0 0**

**messagebox 'Message'**  
**'Title'**

□¶□ã,ì<÷,Éf\_fCfAf□fOf  
{fbfNfX

**setdlgpos 0 200**

fXfe□[f^fXf\_fCfAf□fOf  
{fbfNfX,ðŠ),

**statusbox 'Message'**  
**'Title'**

**for i 0 200**

**setdlgpos i 200**

fXfe□[f^fXf\_fCfAf□fOf  
{fbfNfX,ð^Ú"®

**next**

## setexitcode **new**

☒`Ž®:

**setexitcode <exit code>**

MACRO ,ì□|—¹fR□[fh,ð <exit code> ,É,·,é□B

**Windows 3.1 ,ì□ê□‡:** MACRO ,ífofbf`ftf@fCf<,©,ç<N"® ,Å,«,È,¢,ì,Å□A□|—  
¹fR□[fh,ð—~—p,·,é•û-@,í,È,¢□B,±,ìfRf}f"fh,í'P,É32-bit "Å MACRO  
,Æ,ì☒ÝŠ•□«,ì,½,ß,É—p^Ó,³,ê,Ä,¢,é□B

**Windows 95 ,ì□ê□‡:** MACRO ,ªfofbf`ftf@fCf<,©,çfRf}f"fhf%ofCf" "start /w  
ttpmacro <ttl filename>" (flfvfVf†f" /w ,ª•K—v),É,æ,Å,ÄŽÀ□s,³,ê,½□ê□#□A□|—  
¹fR□[fh,ð DOS fRf}f"fh "if errorlevel n" ,Å'²,x,é,±,Æ,ª,Å,«,é□B

**Windows NT ,ì□ê□‡:** MACRO ,ªfofbf`ftf@fCf<,©,çfRf}f"fhf%ofCf" "ttpmacro

<ttitle filename> " ,É,æ,Á,ÄŽÀs,³,ê,½ê#A|—¹fR[fh,ð DOS fRf}f“fh "if  
errorlevel n" ,Å²,x,é,±,Æ,ª,Å,«,éB

—á:

----- fojbf`ftf@fCf< "test.bat" (Win 95 ,ìê#) -----

```
start /w ttpmacro test.ttl "start /w" fRf}f“fh,Å  
MACRO ,ðŽÀs  
if errorlevel 1 echo Error! ,à,μ|—  
¹fR[fh,ª1^Èã,È,çf fb  
fZ[fW,ð•\Ž!
```

----- "test.bat" ,ìl,í,è -----

----- fojbf`ftf@fCf< "test.bat" (Win NT ,ìê#) -----

```
ttpmacro test.ttl MACRO  
,ðŽÀsA"start"  
fRf}f“fh,í•s•K—v  
if errorlevel 1 echo Error! ,à,μ|—  
¹fR[fh,ª1^Èã,È,çf fb  
fZ[fW,ð•\Ž!
```

----- "test.bat" ,ìl,í,è -----

----- f}fNf`ftf@fCf< "test.ttl" ----

```
setexitcode 1 |—¹fR[fh,ð1,É,·,éB
```

----- "test.ttl" ,ìl,í,è -----

## settime

☒`Ž®:

**settime <time>**

fVfXfef€,ìŽž□□,đ <time> ,É•ï□X,; ,é□B<time> ,ì☒`Ž®,í "HH:MM:SS"□B

—á:

**settime '01:05:00'**

## show

☒`Ž®:

**show <show flag>**

<show flag> ,<sup>0</sup>0,ì[]ê[]#[]AMACRO ,ð[]Å[]¬%»»,·,é[]B

<show flag> ,<sup>0</sup>0,æ,è'â,«,ç[]ê[]#[]AMACRO ,ðCE<sup>3</sup>,ì'â,«,<sup>3</sup>,É-ß,·[]B

<show flag> ,<sup>0</sup>0,æ,è[]¬,<sup>3</sup>,ç[]ê[]#[]AMACRO ,ð%»B,·[]B

—á:

<b>show 0</b>	MACRO ,ð[]Å[]¬%»»
<b>show 1</b>	MACRO ,ðCE <sup>3</sup> ,ì'â,«, <sup>3</sup> ,É-ß,·
<b>show -1</b>	MACRO ,ð%»B,·

## statusbox

☒`Ž®:

**statusbox <message> <title>**

fXfe[][f^fXf\_fCfAf[]fOf{fbfNfX,<sup>0</sup>•\Ž!,<sup>3</sup>,ê,Ä,ç,È,ç[]ê[]#[]A,»»,ê,ð•\Ž!,·,é[]B

f\_fCfAf[]fOf{fbfNfX,ìf[]fbfZ[][fW,ð <message> ,É[]Af^fCfjf<,ð <title> ,É•ì,!,é[]B

"setdlgpos" fRf}f"fh,ìfXfe[][f^fXf\_fCfAf[]fOf{fbfNfX,ì^Ê'u,ð•ì,!,é[]B

"closesbox" fRf}f"fh,ìfXfe[][f^fXf\_fCfAf[]fOf{fbfNfX,ð•Â,¶,é[]B

—á:

<b>setdlgpos 200 200</b>	•\Ž!^Ê'u,ðŽw'è
<b>statusbox 'Message'</b>	f_fCfAf[]fOf{fbfNfX,ð•\Ž!
<b>pause 3</b>	
<b>setdlgpos 0 0</b>	f_fCfAf[]fOf{fbfNfX,ð^ Ū"®
<b>pause 3</b>	
<b>closesbox</b>	f_fCfAf[]fOf{fbfNfX,ð• Â,¶,é

## yesnobox

☒`Ž®:

**yesnobox <message> <title>**

Dialog box,ðŠJ,«[]Bft[][fU[][,É[]u,í,ç[]v[]u,ç,ç,;[]v,ð'l'ð,<sup>3</sup>,<sup>1</sup>,é[]B

•¶Žš—ň <message> ,ìf\_fCfAf[]fOf{fbfNfX,É•\Ž!,<sup>3</sup>,ê,é[]fbfZ[][fW[]A



• `Žš—ň <title> ,Í_fCfAf{fOf{fbfNfX,lf^fCfgyf·B`

`u,Í,çvf{f^f“,^%Ÿ,³,ê,½ê#AfVfXfef€•İ” result,É1,^Ši”[,³,ê,éB`  
`u,ç,ç,|vf{f^f“,^%Ÿ,³,ê,½ê#Aresult ,É0,^Ši”[,³,ê,éB`

—á:

```
yesno ' ,à,^ê%ñ,â,è,Ü,-,©?' 'Tera Term'  
if result goto retry  
end
```

• â'«à-¾

fGf%o[f]fbfZ[fW  
%oü[s•ŕŽš,É,Â,ç,Ä  
•%o,ì@""è",É,Â,ç,Ä,ì'[^Ó  
ASCII fR[fh•\

## fGf%o[f]fbfZ[fW

fGf%o[f]fbfZ[fW	^Ó-i
Can't call sub.	fTfuf<[f`f",đĀ, x, Ę, ċBf Tfuf<[f`f", í•Ě, ĩftf@fCf<, Ę, , éB
Can't link macro.	MACRO ,Æ Tera Term ,İŠŌ, ĩfŠf" fN, ĘŽ, "sB
Can't open file.	fCf" fNf<[fhftf@fCf<, a'¶Y, μ, Ę, ċ , © AfCf" fNf<[fh, ĩŠK'w, a[ , , -, éB
)" expected. Link macro first.	fjfbfR, a•Ā, ¶, Ä, ċ, Ę, ċB MACRO ,Æ Tera Term ,İŠŌ, ĩfŠf" fN, aŠm— §, μ, Ä, Ę, ċ , ½, β AfRf}f" fh, aŽÀs, Ä, «, Ę, ċB
Divide by zero. Invalid control.	0, ÅŠ,, ě, x, Æ, μ, ½B "else", "elseif", "endif" , ĩĀĚ, Ä, ½Žg—pB f%ofxf<-¼, ĩ'½ dŽg—pB
Label already defined.	f%ofxf<, aĀ©, Ä, ©, ċ, Ę, ċB
Label required. Stack overflow.	fTfuf<[f`f" A"for-next" f<[fv A"while-endwhile" , ĩŠK'w, a[, , -, éB fRf}f" fh, ĩĀ`Ž®, aŠŌ^á, Ä, Ä , ċ, éB
Syntax error.	f %ofxf<, ĩ", a'½, , -, éB(Ä' å256Ā)
Too many labels.	• ĩ", ĩ", a'½, , -, éB(®" Ā^ A• ¶Žš— ñĀ^, »Ě, ¼, ěÄ' å128Ā, , , Ä)
Too many variables.	'è", Ü, ½, í• ĩ", ĩĀ^, aŠŌ^á, Ä, Ä, ċ, éB
Type mismatch.	¶%oŠú
Variable not initialized.	%o» <sup>3</sup> , ě, Ä, Ę, ċ • ĩ", đŽQÆ, μ, ½

%oü[s•¶Žš, Ę, Ä, ċ, Ä

fzfXfg, ©, ç' —, ç, ê, Ä, , é%ü□s•¶Žš (CR , Ü, ½, Í CR+LF) , Í Tera Term , É, æ, Á, Ä  
CR+LF , É•İŠ.,³, ê MACRO , É“n,³, ê, é□B

Tera Term , Ö' —, é%ü□s•¶Žš, Í CR+LF , ð—p, ç, é□B

CR□ALF , ì ASCII fR□[fh, Í, » , è, ¼, ê13□A10(10□i□")□B

—á:

**send 'abc'#13#10**

"sendln 'abc'"  
,Æ“~ , ¶□BŽÀ□Ù, ÉfzfXf  
g, Ö' —, ç, ê, é  
%ü□s•¶Žš, Í Tera  
Term  
, ìÝ'è, É, æ, èÆ^ , Ü, é□B

**wait #10'abc' 'def'#13**

□s“a, ì "abc"□A□s-- , ì  
"def" , ð'Ò, Â□B

**logwrite 'abc'#13#10**

f□fOftf@fCf<, É  
%ü□s•¶Žš, ð□', «□ž, P□  
ê□‡, Í•K, , CR+LF, É, , é□  
B

**•%ü, ì□®□""è□", É, Â, ç, Ä, ì'□^Ó**

fRf}f“fh, ìfpf%ü□□[f^, É•%ü, ì□®□""è□", ðžg—p, , é□ê□‡□A^È%ü, ì, æ, x, È-â'è, a"-  
□¶, , é□ê□‡, a, , é□B—á, ì, Ì□A

**for i -10 0**

, ±, ìfRf}f“fh, Í•¶-@fGf%ü□[ , ð"□¶, , é□B, È, °, È, ç□A2"Ô, ß, ìfpf%ü□□[f^, Í "i" , Å, Í, È, -  
, Ä□A"i-10" , Æ, Ý, È,³, ê, é, ©, ç□B, ±, ì-â'è, ð-h, ®, É, Í^È%ü, ì, ç, , , é, ©, Ì•ú-@, ð, Æ, é□B

1) "- , ì'Ò, É "0" , ð, Â, ~, é□B

**for i 0-10 0**

2) •%ü, ì□®□""è□", ð•İ□", É'ã"ü, µ, Ä, ©, çžg—p, , é□B

**A = -10**

**for i A 0**

## ASCII fR[fh•\

—á,ı,î□A"A" ,ì ASCII fR[fh,í10□i□",Å65□A16□i□",Å\$41□B

Char	Code	Char	Code	Char	Code	Char	Code
<b>NUL</b>	0	<b>DLE</b>	16	<b>SPAC</b>	32	<b>0</b>	48
<b>(^@)</b>	\$00	<b>(^P)</b>	\$10	<b>E</b>	\$20		\$30
<b>SOH</b>	1	<b>DC1</b>	17	<b>!</b>	33	<b>1</b>	49
<b>(^A)</b>	\$01	<b>(^Q)</b>	\$11		\$21		\$31
<b>STX</b>	2	<b>DC2</b>	18	<b>"</b>	34	<b>2</b>	50
<b>(^B)</b>	\$02	<b>(^R)</b>	\$12		\$22		\$32
<b>ETX</b>	3	<b>DC3</b>	19	<b>#</b>	35	<b>3</b>	51
<b>(^C)</b>	\$03	<b>(^S)</b>	\$13		\$23		\$33
<b>EOT</b>	4	<b>DC4</b>	20	<b>\$</b>	36	<b>4</b>	52
<b>(^D)</b>	\$04	<b>(^T)</b>	\$14		\$24		\$34
<b>ENQ</b>	5	<b>NAK</b>	21	<b>%</b>	37	<b>5</b>	53
<b>(^E)</b>	\$05	<b>(^U)</b>	\$15		\$25		\$35
<b>ACK</b>	6	<b>SYN</b>	22	<b>&amp;</b>	38	<b>6</b>	54
<b>(^F)</b>	\$06	<b>(^V)</b>	\$16		\$26		\$36
<b>BEL</b>	7	<b>ETB</b>	23	<b>'</b>	39	<b>7</b>	55
<b>(^G)</b>	\$07	<b>(^W)</b>	\$17		\$27		\$37
<b>BS</b>	8	<b>CAN</b>	24	<b>(</b>	40	<b>8</b>	56
<b>(^H)</b>	\$08	<b>(^X)</b>	\$18		\$28		\$38
<b>HT</b>	9	<b>EM</b>	25	<b>)</b>	41	<b>9</b>	57
<b>(^I)</b>	\$09	<b>(^Y)</b>	\$19		\$29		\$39
<b>LF</b>	10	<b>SUB</b>	26	<b>*</b>	42	<b>:</b>	58
<b>(^J)</b>	\$0A	<b>(^Z)</b>	\$1A		\$2A		\$3A
<b>VT</b>	11	<b>ESC</b>	27	<b>+</b>	43	<b>;</b>	59
<b>(^K)</b>	\$0B	<b>(^[)</b>	\$1B		\$2B		\$3B
<b>FF</b>	12	<b>FS</b>	28	<b>,</b>	44	<b>&lt;</b>	60
<b>(^L)</b>	\$0C	<b>(^\)</b>	\$1C		\$2C		\$3C
<b>CR</b>	13	<b>GS</b>	29	<b>-</b>	45	<b>=</b>	61
<b>(^M)</b>	\$0D	<b>(^])</b>	\$1D		\$2D		\$3D
<b>SO</b>	14	<b>RS</b>	30	<b>.</b>	46	<b>&gt;</b>	62
<b>(^N)</b>	\$0E	<b>(^^)</b>	\$1E		\$2E		\$3E
<b>SI</b>	15	<b>US</b>	31	<b>/</b>	47	<b>?</b>	63
<b>(^O)</b>	\$0F	<b>(^_)</b>	\$1F		\$2F		\$3F
Char	Code	Char	Code	Char	Code	Char	Code
<b>@</b>	64	<b>P</b>	80	<b>`</b>	96	<b>p</b>	112
	\$40		\$50		\$60		\$70

<b>A</b>	65 \$41	<b>Q</b>	81 \$51	<b>a</b>	97 \$61	<b>q</b>	113 \$71
<b>B</b>	66 \$42	<b>R</b>	82 \$52	<b>b</b>	98 \$62	<b>r</b>	114 \$72
<b>C</b>	67 \$43	<b>S</b>	83 \$53	<b>c</b>	99 \$63	<b>s</b>	115 \$73
<b>D</b>	68 \$44	<b>T</b>	84 \$54	<b>d</b>	100 \$64	<b>t</b>	116 \$74
<b>E</b>	69 \$45	<b>U</b>	85 \$55	<b>e</b>	101 \$65	<b>u</b>	117 \$75
<b>F</b>	70 \$46	<b>V</b>	86 \$56	<b>f</b>	102 \$66	<b>v</b>	118 \$76
<b>G</b>	71 \$47	<b>W</b>	87 \$57	<b>g</b>	103 \$67	<b>w</b>	119 \$77
<b>H</b>	72 \$48	<b>X</b>	88 \$58	<b>h</b>	104 \$68	<b>x</b>	120 \$78
<b>I</b>	73 \$49	<b>Y</b>	89 \$59	<b>i</b>	105 \$69	<b>y</b>	121 \$79
<b>J</b>	74 \$4A	<b>Z</b>	90 \$5A	<b>j</b>	106 \$6A	<b>z</b>	122 \$7A
<b>K</b>	75 \$4B	<b>[</b>	91 \$5B	<b>k</b>	107 \$6B	<b>{</b>	123 \$7B
<b>L</b>	76 \$4C	<b>\</b>	92 \$5C	<b>l</b>	108 \$6C	<b> </b>	124 \$7C
<b>M</b>	77 \$4D	<b>]</b>	93 \$5D	<b>m</b>	109 \$6D	<b>}</b>	125 \$7D
<b>N</b>	78 \$4E	<b>^</b>	94 \$5E	<b>n</b>	110 \$6E	<b>~</b>	126 \$7E
<b>O</b>	79 \$4F	<b>-</b>	95 \$5F	<b>o</b>	111 \$6F	<b>DEL</b>	127 \$7F

