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#### **,eilly**,<sup>ª</sup>" ® , © ,È, © ,Á,½,Æ,«,Í

#### <sup></sup><sup>a</sup> fvf□fOf‰f€f}fl□[fWff,ÌfAfCfRf",ðfNfŠfbfN,μ,Ä,àfGf‰□[,ª□o,é

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- 0 ‰<sup>1</sup>Šy,ðŽg,¤f^fCfgf<,ÅŽ~,Ü,é□ê□‡,Å□A,e,I‰<sup>1</sup>Œ<sup>1</sup>,ð—~—p,µ,Ä,¢ ,é□ê□‡,ÍMIDI,Ì□Ý'è,Ì-â'è,ª'½,¢,Å,·□B□u,±,ÌMIDIftf@fCf<,Í□³□í,ɉ ‰'t,³,ê,È,¢□ê□‡,ª, ,è,Ü,·□v,Æ,¢,¤f\_fCfAf□fOf{fbfNfX,ªŠJ,¢,½,ç□u,±,Ì•\ ަ,ð□¡Œã•\ަ,µ,È,¢□v,Æ,¢,¤□€-Ú,Ìf`fFfbfNf{fbfNfX,Éf`fFfbfN,ð"ü,ê,Ä,-,¾,³,¢□B

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´"®,μ,Ü,·,μŠy,μ,¢<CŽ[],¿,É,È,ê,Ü,·[]B,»,μ,Ä[]A'n,ê,Î,à,Á,Æ'å,«,ÈŠ´"®,Æ[[ŽÀŠ ´,ª"¾,ç,ê,Ü,·[]B‰¹Šy,â‰f'œ,ð'Ê,μ,ÄŽ©ŒÈ•\

 $(\mathbb{E}^{*}), (\acute{e}^{i}), (\square A, *), (\acute{e}, \delta flfbfgf \square [fN, \delta ‰ i, \mu, A < m - ]$ 

L, ·, é • û, à ' [], ¦, ê, Î [] Á, «, Á, ÆŽ,, ' B, Ì [] ¶Š<sup>^</sup>, ÍŠy, µ, –L, ©, Å [] [ŽÀ, µ, Ä, , é, ÆŽv, ¢, Ü, · [] B ]@, eilly, ÌŠ<sup>^</sup> (®, ð'Ê, ¶, Ä'½,, Ì • û, ª, ±, Ì, æ, ¤, ÉŠy, µ, ¢ < CŽ [], ¿, É, È, Á, Ä, , ê, é, ± ,Æ[]A, », ê, ªŽ,,, Ì, eilly, É, ©, ¯, é-², Å, , è[] AŠó-], Å, · [] B, ±, ê, ð, ¨ "Ç, Ý, Ì, , È, ½, à ^ ê[]], É, eilly, ðŠy, µ, ñ, Å, Ý, Ü, ¹, ñ, © [] H(^\_-) []@, «, Á, ÆŠy, µ, ¢ [] ¢ŠE, É[]G, ê, ç, ê, é, ÆŽv, ¢ ,Ü, · [] B

$$\label{eq:constraint} \begin{split} & []@,U,\frac{1}{2}[]AFFILLY,Å,I,m,h,e,s,x,I]]L\bullet \tilde{n}\tilde{Z}[]]uOLTJ[]v``Y\bullett,ICD-ROM,&fCf``fvfŒfX''- \\ & []s,IŽGŽ[]]uDOS/V[]@Power[]@Report[]v,Æ,&f^fCfAfbfv,µ]AFILLY,&--- \\ & p,µ,Ä`n[]ì,·,éŠF,³,ñ,I]Dì•i''•\,IftfB[][f<fh,&R,O-@[]<K-I,Å``WŠJ,µ,Ä,¢,Ü,·]B, ,- \\ & ,U,Å,&]IŽO,IŠF,³,ñ-{^O,IŽp[]`,ÅfofbfNfAfbfv,µ,Ä,¢,- \\ & ,Â,&,&A,\cdot,I,&[]A,Q,&D[]A[]I<É``I,ÈŠ^```®,&,µ,Ä,Ý,Ä,,<math>^{3}_{4},^{3},¢(^ ^) \end{split}$$

**,eilly**,ĺ'æ,S‰ñftfŠ□[f\ftfgfEfFfA'å□Ü□uŠJ"Žx‰‡fc□[f<•"å□Ü□v,ðŠl"¾,μ,½,è□AŽs"Ìf\ftfg,Ìfl□[fTfŠf"fOfGf"fWf",Æ,μ,Ä<N p,³,ê,é,È,Ç□A'...ŽÀ,É•]‰¿,³,ê,Ä,¢,Á,Ä,¢,Ü,·□B□¡Œã,à,Ç,ñ,Ç,ñ,Æ""W,³,¹,Ä,¢,-~\'è,Å,·□B,º,Đ□A**,eilly**,Ì□ì,è□o,·□¢ŠE,É,²Šú'Ò‰º,³,¢□A,»,µ,Ä□A<C,É"ü,Á,Ä ‰º,³,Á,½,ç,º,Љž‰‡,µ,ĉº,³,¢□BŠF,³,ñ,̉ž ‰‡,ð□S,æ,è,¨'Ò,¿,µ,Ä,¨,è,Ü,·□B

,Æ,à,ä,«

# fqfXfgfŠ

#### **`**∎ 1.20,©,ç,Ì∙Ï<u></u>[X"\_

- afê‰æ'œ,Ì"WŠJŽž,Éfnf"fOfAfbfv,,é,±,Æ,ª, ,Á,½fofO,ðftfBfbfNfX
- INIftf@fCf<,ðf□□[fJf<,ÈfffBfŒfNfqfŠ,ð—D□æ,μ,ÄŒ©,é,æ,¤,É•Ï□X</p>
- ChaLCast()ŠÖ[]",É,æ,éfLfffXfg,Ì'OŒãŠÖŒW,Ì'
- a "z—ñ'€[]ì,É•s<ï[]‡,ª, ,Á,½"\_,ð[]C[]³
- PostMes()ŠÖ□",Éf□fbfZ□[fW,Ì"□s,Ì'Ήž
- a HitCast()ŠÖ□",É,æ,Á,Ä□AŠY"-fsfNfZf<,É'Ήž,·,éfLfffXfg,Ì□³Šm,ÈŒŸ□o,ð‰Â"\ ,É,μ,½
- Debug()ŠÖ[]",É,æ,éfffofbfO[]î•ñ•\ަ,Ì'Ήž
- PicWidth(),PicHeight()ŠÖ□",É,æ,éfsfNf`ff□[,ÌfTfCfYŽæ"¾,Ì'
- OpenWin()Žž,ÉfofbfNfOf‰fEf"fhfJf‰□[,ðŽw'è,Å,«,é,æ,¤,É,μ,½□B
- <sup>a</sup> MoveSPic()Žž,É[]¶‰E[]A[]㉺́"½́"],ÌŽw'è,ª,Å,«,é,æ,¤,É,μ,½]B
- a mes•¶'€□ìŠÖ□"GetMesNo(), FreezeMes(), DelMes(), ActivateMes(),ð•t
- ‰Á,µ□A,æ,莩—R"x,Ì□,,¢f□fbfZ□[fW'€□̣),ð‰Â"\,É,µ,½□B
- fCf"fXfg□[f‰□[,ð,æ,èfCf"fefŠfWfFf"fg,É,μ,½
- a f}f<f`f⊡fffBfA•¶□'ŠÈ^Ṍ□ì́□¬fVfXfef€□́u,Ü,é,¿,ß,Å,¡, □š,Ä,«,·,Æ□v,ð•t‰Á

#### a 1.10,©,ç,Ì∙Ï□X"\_

- **≥** ‰æ'œ"]'—Žž̃,É"§¯-¾□F,ÌŽw'è,ð□o—^,é,æ,¤,É,μ,½□B
- ‰¼'z‰æ-Ê,ð□¶□¬,,éCreatePic()ŠÖ□",ÌŽÀ'•
- a f□□[f]f<,ÆfOf□□[fof<,Ì□¬"⁻,ª, ,Á,½"z—ñ,ÌfofO,Æ,è</p>
- 2

mes•¶'†,Åmes•¶,ðŽÀ□s,μ,½,Æ,«,É□A"¯,¶f□fbfZ□[fW,¾,Æ'¼Œã,ÉŽÀ□s,³,ê,Ä,μ, Ü,¤Žg,¢,É,,¢Žd—l,ð‰ü'P

■ PutCast(),MoveCast(),DelCast()ŠÖ□",ÌŽÀ'•,É,æ,éfLfff‰fNf^□[•\ަ,ÌŽ©"® ‰»

□¦fLfff‰fNf^□[,Ì,±,Æ,ðCast,Æ∙\Œ»,μ,Ä,¢,Ü,·

ο‰Ê"I,ÉfV□[ʃ",ðf`fFf"fW,³,¹,é,±,Æ,ª,Å,«,éfV□[f"f`fFf"fW<@"\,Ì•t‰Á
 □\fV□[f"f`fFf"fW,ÍMovePic()ŠÖ□",Ì'æ,Xfpf
 ‰f□□[f^□[,ÉfV□[f"f`fFf"fWŽí,ÌŽw'è,ð,·,é,±,Æ,ÅŽÀŒ»,Å,«,Ü,·□B</p>

#### **■ 1.09,©,ç,Ì•ï**□X"

Šg'å[k]¬‰æ'œ"]'—ŠÖ[]"MoveSPic(),ÌŽÀ'•
ŠeŽífofO,ÌftfBfbfNfX

#### **3 1.08,©,ç,Ì∙Ï**□X"]

<sup></sup><sup>■</sup> step•¶,Ìf□fbfZ□[f₩,²,Æ,Ì"Æ—§‰»

- **≥** •¶ŽŠ•\ަ,Ì□,'¬‰»
- []ו",ÌfŠftf@fCf"

#### a 1.07,©,ç,Ì∙Ï∏X"\_

a "z—ñ,ÌŒ,ŽZ,ÌfofOŽæ,è
a fEfBf"fhfEfTfCfY,ª,,ê,éfofO,ÌftfBfbfNfX

**≥ 1.06,©,ç,Ì•Ï**[X"\_

- ŽÀ[]"•Ï[]"Real<y,Ñ,»,Ì"z—ñ,ª—~p,Å,«,é,æ,¤,É,È,Á,½</li>
  ŽZ[pŠÖ]" (acos, asin, atan, cos, exp, fabl, log, pow, sin, sqrt, tan),ª—~—p,Å,«,é,æ,¤,É,È,Á,½
  ŠeŽí•ÏŠ·ŠÖ[]" (RealtoStr, RealtoInt, InttoReal, StrtoReal, StrtoInt),ª—~—p,Å,«,é,æ,¤,É,È,Á,½
  ŠeŽí•¶Žš—ñ'€[]ìŠÖ[]" (StrLen, SubStr, StrFind),ª—~—p,Å,«,é,æ,¤,É,È,Á,½
  ¶Žš—ñftf@fCf<"ü[]o—ÍŠÖ[]" (WriteIniStr, GetIniStrF),ª—~—p,Å,«,é,æ,¤,É,È,Á,½</li>
  "z—ñ'€[]ìŠÖ[]" (ArraySize, DelArrayAll, DelArrayAtF, InsArrayAtF),ª—~—
- p,Å,«,é,æ,¤,É,È,Á,½
- a "z—ñ□^—□,ÌfofO,Æ,è

**a 1.05,©,ç,Ì•Ï□X"\_** a•¶Žš—ñ□^—□,ÌfofO,Æ,è a "z—ñ,ÌŽQ□Æ,ª^ø□",É,Æ,ê,é,æ,¤,É,È,Á,½ a "z—ñ□^—□,ÌfofO,Æ,è

#### **₃ 1.04,©,ç,Ì•Ï□X"\_ ₃** "z—ñ,ªŽg,¦,é,æ,¤,É,È,Á,½ **₃** •¶Žš—ñ,ð•Ô,è'l,ÉŽ□,Ä,é,æ,¤,É,È,Á,½

<sup>a</sup> StrPrint()ŠÖ∏",Å∏"′Ī,ð•¶Žš—ñ,É,μ,½,è,Å,«,é,æ,¤,É,È,Á,½

#### **■ 1.03,©,ç,Ì•Ï**[X"\_

a MIDI\_TIME,WAVE\_TIMEf□fbfZ□[fW,Ì'ljÁ,É,æ,éfVf"fNf□"\—ĺ,ÌŒü□ã a ,eilly,¨,æ,Ñ,eillyf^fCfgf<,Ì"□^ê"l,ÈfCf"fXfg□[f<fVfXfef€,Ì□\'z</p>

#### **ª 1.02,©,ç,Ì∙**Ï□X"\_

FILLY, TOFFY, I<---efVfifŠfIfTfCfY, IŠg'å</p>

#### **≥ 1.0,©,ç,Ì•Ï**[X"<sub>.</sub>

a fOf□□[fof<□®□"•Ĩ□"'½—pŽž,ÌfofO,ÌftfBfbfNfX</p>
a for,if•¶,Ì"<sup>-</sup>ŽžŽg—pŽž,ÌfofO,ÌftfBfbfNfX
a f^fCfgf<□I—¹Œã'¼,Ìf^fCfgf<,Ì"®□ì•s—Ç,̉ü'P</p>
a □I—¹"»'è,̉ü'P
a ftf@fCf<fT□[f`,Ì□‡"Ô,ðfilf^fCfgf<□Š□Ý'n,©,ç,É•Ï□X</p>

#### <sup>™</sup>\_0.99,©,ç,Ì∙Ï□X"

iniftf@fCf<fAfNfZfXŠÖ[]"WriteIniInt(),GetIniInt(),ÌŽÀ'•</p>

- a fVfXfef€f^fCf€Žæ"¾ŠÖ□"GetSysTime(),ÌŽÀ'•
- f□fbfZ□[fWŠÖŒW,ÌfŠftf@fCf"

#### <sup>™</sup> 0.98,©,ç,Ì∙Ï□X"

- **ᆲ** fJfXf^f}fĊfY<@"∖,Ì∙t‰Á
- <sup>a</sup> fc□[f<fo□[,Ìf{f^f",Ì'ljÁ
- **Ͽ** f□fbfZ□[fW□^—□ŠÖŒW,ÌŒ©'¼,μ
- **϶** ƒ} ƒ<f` <u>f</u>□fffBfA<@"\,Ì□^—□,ÌŒμ-§‰»

■ TOFFY, ÌfRf□f"fgŽü, è, ÌfofO, ÌftfBfbfNfX

**a** fLfffvfVf‡f",Ì•¶Žš—ñ,ðffftfHf‹fg,Å,ĺf^fCfgf‹,Æ,μ,½

#### <mark>⊿ 0.97,©,ç,Ì∙</mark>Ï□X"

- Window, ĬfLfffvfVf∓f",ðffftfHf<fg,Å,Í-³,μ,Æ,μ,½□B</p>
- fLfffvfVf‡f",É•\ަ,,é•¶Žš—ñ,ðŽw'è,,éCapTitleŠÖ□",ðŽÀ'•
- MovePic,Ì□Û,Ì, ,ê,ð□C□³
- <sup>■</sup> CDfvfŒ[[¯f,,,][[]Ä[]¶Žž,l¯fGf‰[][,𖳎<, ,é,æ,¤,É,μ,½
- **a** WAVE\_END,MIDI\_ENDf□fbfZ□[fW,Ì~R,ê,ð‰ü'P,µ,½
- f}fEfX,̉Ef{f^f,,É□Ä□¶′åŽ~,Ì^Ó-¡,ðŽ□,½,¹,½
- TOFFY, lwhile ¶, ÉŠÖ, , éfofO, ôftfBfbfNfX
- <sup>■</sup> FILLY, © , çŠJ, ¢, ½f^fCfgf<, ĺ□Ä□¶f{f^f",ð‰Ÿ,μ,Ä□Ä□¶, ·, é, ±,Æ,Æ,μ,½
- □k□¬•\ަ, ©, ç, Ì•œ <AŽž, ÉŽq'<, ðfJJXfP□[fh,³,¹,é,æ,¤,É,μ,½</p>
- <sup>a</sup> 24bit,ÌBMP(1677–œ∏Fftf<ʃJf‰∐[́\_j,É'Ì̇́‰ž

#### <mark>≥</mark> 0.96,©,ç,Ì∙Ï<u></u>X"\_

- BackModeŠÖ□",É,æ,é•¶Žš,Ì"§-¾,È"wŒi□F,ÌŽw'è
- MovePicŠÖ[,",Ìf‰fXf^flfyfŒ[[fVf‡f"<@,"\•t‰Á</p>
- fRf"fpfCf‰,Ìfö[[fŴfŧf",ð1.0,©,ç1.51,ÖfAfbfv
- <sup>a</sup> '·,¢TOFFYfVfifŠfI,Ö,Ì'Ήž
- **≥** []k[]¥\ަ‹̈́@́″̈́\,Ì́[[ŽÀ
- •¶Žš—ñ•Ï□"ŠÖ~A,ÌfofO,ÌftfBfbfNfX
- AVI,ÆCD,Ì□Ä□¶ŠJŽnŽž,Æ□I—¹Žž,Ìf□fbfZ□[fW,ðŽÀ'•
- a -¢Žg—p,Ìf⊡fjf…[[[€-Ú,Ì[]í[]œ

#### <mark>⊿ 0.95,©,ç,Ì∙</mark>Ï□X"

- <sup></sup><sup>3</sup>‰æ'œ∙∖ަ•"•ª,Ì'S–Ê"I,ÈfŠftf@fCf"
- a fc□[f‹fo□[,Ìf{f^f",ÌfŠftf@fCf"
- a f□fjf…□[,ÌfofO,ÌftfBfbfNfX
- **ª •**¶Žš•\ަ‹@"\,Ì•ุt‰Á
- <mark>ٵ</mark> fTf"fvf‹ftf@fCʃ‹,Ì'ljÁ
- TOFFY, ÌFILLYŽÀ□sf{f^f", ì•t‰Á
- TOFFY,Ì^ó□üŠÖ~Af□́fjf...□[,Ì•s<ï□‡‰ü'P</p>
- TOFFY,Ì•Â,¶,éf□fjf....□[,Ì•s<ï□‡‰ü'P
- TOFFY, ÌfGf‰[[Žž, ÌfGf‰[["[¶]s,Ö, ÌfWfff"fv<@"\•t‰Á</p>
- TOFFY,ÌFILLYŽÀ□s<@"\,Ì•t‰Á</p>
- **ᆲ**,»,Ì'¼<u>□</u>×∙",ÌŒ©́′¼,μ<u>□</u>A‰ü'P

#### <sup>™</sup> 0.92,©,ç,Ì∙Ï□X"

- ShellŠÖ□″,É,æ,éŠO•″fRf}f"fh,ìŽÀ□s<@″\,ì•t‰Á</p>
- fsfNf`ff□[□À•W,Ì^Ù□íŽw'ě'l,É'Î,,,é'Î□^
- MakeLong, GetHiWord, GetLowWord, ÌŽÀ'•
- CloseWinAllŠÖ
  ",É,æ,éŽqfEfBf"fhfE,Ì^ê
  "Ä"jŠü<@"\</p>
- CloseWinŠÖ□(", l̃" ®□ì, l l̃□X̄□i xí‰, ,□ˆ--□, Æ, μ, ½□j
- PlayCDŠÖ□,",ÌŽw'è'I,Ì•Ï□X
- ■f}fĔfX"ü—ĺ□AfL□[f{□[fh<sup>-</sup>"ü—ĺf□fbfZ□[fW,Ì'

■ WinInfoŠÖ[]",É,æ,éŠeŽí[]î•ñ,ÌŽæ"¾<@"\,Ì•t‰Á</p>

- <sup>a</sup> 0.91,©,ç,Ì∙Ï□X"\_
- Ctrl-V,Å□efEfBf"fhfE,Ì□¬Œ^‰»,ð, ,é<@"\,ð•t‰Á</p>
- a Help,Ì,³,ç,È,é‰ü'P
- a tbtœlpta, fbta, jbta, jbta,
- ă MCIŠÖ∏",ÌŽÀ'∙
- ^Ù□í,ȉæ'œ•\ަ"Í^Í'IŽw'è,É'Î,,,é'

#### <mark>≥</mark> 0.9,©,ç,Ì∙Ï<u></u>]X"\_

- 🛚 Help,̉ü'P
- **≥** fo□[fWf‡f" \<L,Ì□C<u>□</u>³
- <sup></sup><sup>■</sup> fGf‰[[fŠf]fofŠ[[,Ì<‰»

#### <mark>■ 0.8,©,ç,Ì•Ï</mark>[X"\_

- <sup>a</sup> OpenWin,ÌŽq'<,Ì<sup>˜</sup>Ê'u,ÌffftfHf‹fg'l,ð‰æ−Ê'†□S,Æ,μ,½
- **ℶ TOFFY**,É,Ð,ÈŒ^**□**¶□¬‹@"∖,ð∙t‰Á
- MIDI\_START,MIDI\_END,WAVE\_START,WAVE\_ENDf□fbfZ□[fW,ð•t‰Á
- DelPic()ŠÖ[]",É,æ,éfsfNf`ff[["jŠü,ÌŽÀŒ»
- a MovePic(),Ìy=0,Ì□Û,Ì∙s<ï□‡‰ü'P
- a PlayCD, l̃" ® □ì,ð□³□퉻, μ,½
- <sup>a</sup> []I—<sup>1</sup>,Ì[]Û,ÉWindow,Ì^Ê'u,ÆfTfCfΥ,ð<L‰<sup>-</sup>,³,¹,Ä,¨,,æ,¤,É,μ,½
- <sup>a</sup> ftf@fCf‹f}fl□[fWff,©,ç,Ìf\_fuf́‹fŃfŠfbfN,Å—§,¿□ã,ª,é,æ,¤,É,μ,½

#### <sup>™</sup>\_3 0.7,©,ç,Ì∙Ï□X"

- **≟** <u>□</u>ו",ð‰ü—Ç,μ<u>□</u>A^À'艻,ð<u>□</u>s,È,Á,½
- **a** []Ä[]¶[]A'âŽ~[]A'†'fʃ{f^f",ð•t‰Á,μ,½
- /EflfvfVf‡f",ð•t,⁻,Ä—§,¿□ã,°,é,Ɖ‰'t□l—¹,Æ"⁻Žž,É,elLLY,à□l—¹,·,é,æ,¤ ,É,µ,½

#### <sup>™</sup>3 0.6,©,ç,Ì∙Ï□X"

- **ϫ** ,ν,‰,Ž,,,,□,—,Ì•Ā,¶•û,ð‰ü—Ç,μ□A^À'艻,ð□s,Á,½
- a,elLLYf^fCfgf<,ðŠJ,Žž,É□u\*.FIL□v,ð□Ý'è,µ,½</p>
- <sup>3</sup> fhf‰fbfO□•fhf□fbfv,É'Ήž,μ,½
- <sup>a</sup> OpenWin, ÌfTfCfY, ÌffftfHf<fg,ðŽw'è,μ,½‰æ'œ, ÌfTfCfY,Æ"<sup>-</sup>^ê,É,μ,½
- a ftf < fJf‰□[BMP, IMovePic, IfofO,ð,e,h,w</p>
- FILff[[f<sup>^</sup>,], ,éfffBfŒfNfgfŠ,Ü,Åftf@fCf<,δ'T, ,æ,¤,É,μ,½</p>
- **a** •Â,¶,鎞,ɉ<sup>1</sup>Šy,à□l—<sup>1</sup>,<sup>3</sup>,¹,é,æ,¤,É,μ,½
- **ª** AVI,ÆCDfvfŒ□[f̃,,□[,Ì□Ä□¶<@"\,ð∙t‰Á
- CloseWin(),Random()ŠÖ□",ðfCf"fvfŠf□f"fg,µ,½
- **≥** []ì∙i[]î∙ñ,Ì∙t‰Á
- fl□[fvfjf"fOff□[f^,ÌŽb'è"l•t‰Á

# **3** 0.4, 0.5,©,ç,Ì∙Ï∏X"\_

**■** •Â,¶,é,Æ,«]]AflfufWfFfNfg,ð]]í[]œ,μ,»,±,È,Á,Ä,¢,½"\_,ð‰ü—Ç ■ f]]fjf...][,É]]u•Â,¶,é]]v,ð∙t‰Á

#### –~–p∏ðŒ∏"™

**"**□ìŒ '¼

a,eilly□ATOFFY□A<y,Ñ-{"z•zfpfbfN"à,Ì'~□앨,Ì'~□ìŒ,Í<u>,Æ,à,ä,«</u>,É, ,è,Ü,·□B
 a,eilly□ATOFFY"à,Ìf‰f"f^fCf€f<□[f`f",Ì'~□ìŒ,ÍMicrosoftŽĐ,É, ,è,Ü,·□B</li>
 aHELP"à,Ì□uWindows□v,ÍMicrosoftŽĐ,Ì"o~^□¤•W,Å,·□B
 a,»,Ì'¼<L□Ú,̉ïŽĐ-¼<y,Ñ□¤•i-¼,ÍŠeŽĐ,Ì□¤•W,Ü,½,Í"o~^□¤•W,Å,·□B</li>

#### ª Ží∙Ê

**,eilly**□A**TOFFY**,ÌŒ»fo□[fWf‡f",Í**ftfŠ**□**[f\ftfgfEfFfA**,Æ,µ,ÄŒöŠJ,µ,Ü,·□B ,µ,©,µ□A□«—^"I,É,ÍfVfFfAfEfFfA,Æ,µ,½,¢,Æ□I,¦,Ä,¢ ,Ü,·□B,à,¿,ë,ñ□A,»,Ì□Û,É,Í**,eilly**□A**TOFFY**,Ì'n□ì,É<¦—Í,µ,Ä,-,ê,½•û□A**,eilly**,Ìf^fCfgf<,ðftfŠ□[,ÅŒöŠJ,³,ê,Ä,¢,é•û,É,Í"z—¶,³,¹,Ä,¢ ,½,¾,«,Ü,·□B

#### ³ Žg—p∏ðŒ∏

**a ,eilly**□A**TOFFY**,Ì—<sup>~</sup>—p□A•;□»,ĺŽŸ□€,ÌŽg—p<ÖŽ~□ð□€,É'ï□G,μ,È,¢"ĺ^ĺ"à,ÅŽ© —R,Å,·□B

a,eilly□ATOFFY,Ì"]□Ú,厩—R,Å,·,ª□Afo□[fWf‡f"fAfbfv,Ö,Ì'Î

‰ž,È,Ç"][]Ú[]æ,Å,ÌftfHf[][][,ð,«,¿,ñ,Æ[]s,Á,Ä,-

,¾,³,¢□B,Ü,¼2□A,»,Ì□Û,Éf□□[f<,Å,²^ê•ñ,¢,½,¾,¯,Ü,·,Æ□K,¢,Å,·□B **³ ,eilly**□A**TOFFY**,Ì″z•z,Í□A,»,Ì□Û,Éf□fffBfA,ÌŽÀ″ï^ÈŠO,Ì<à'K,ð,¤,¯,Æ,ç,È,¢,Æ,¢ ,¤□ðŒ⊓,ÌŒ³,ÅŽ©—R,Å,·□B

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ftfgfEfFfA,Ì<tfRf"fpfCf<□A<tfAfZf"fuf<□AfŠfo□[fXfGf"fWfjfAfŠf"fO"™"à•"‰ð□Í□s ^×□B

#### **꾈 -Æ**∏Ó

**,eilly**□A**TOFFY**,ĺ′□<sup>^</sup>Ó,ð,µ,Ä□ì,Á,Ä,ĺ,¢,Ü,·,ª□A<sup>^</sup>ê"Ê,Ìf\ftfgfEfFfA,Æ"<sup>-</sup>— I,ɕs<ï□‡,<sup>a</sup>"□¶,µ,È,¢•Û□Ø,ĺ, ,è,Ü,<sup>1</sup>,ñ□B-œ,<sup>a</sup><sup>^</sup>ê,»,Ì—I,È•s<ï□‡,É,æ,Á,Ä—<sup>~</sup> ‰v,Ì'<sup>1</sup>Ž □Aff□[f<sup>^</sup>,Ì'<sup>1</sup>Ž □A,»,Ì'<sup>1</sup>⁄₄,ÌŒo□Ï"I'<sup>1</sup>Ž ,"™"ÍŠQ,ðŽó,<sup>-</sup>,Ü,µ,<sup>1</sup>⁄<sub>2</sub>,Æ,µ,Ä,à,Æ,à ,ä,«,Í<sup>^</sup>ê□Ø,Ì□Ó"C,ð•‰,¢,©,Ë,Ü,·□BŽ©ŒÈ,Ì□Ó"C,ÌŒ<sup>3</sup>□A,<sup>2</sup>—<sup>~</sup>—p,-,¾,<sup>3</sup>,¢□B,Ü,<sup>1</sup>⁄<sub>2</sub>□A□×,ß,Èfn□[fhfffBfXfN,ÌfofbfNfAfbfv,È,Ç,ð,·,é,± ,Æ,ð,¨'E,ß,µ,Ü,·□B

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,eillyf^fCfgf<,ÍTOFFYfVfifŠfl,ð"<sup>-</sup>[]«,Ì<u>TOFFY</u>,ŕϊ·,·,é,± ,Æ,Å[ì[]¬,µ,Ü,·[]BTOFFYfVfifŠfl,ÍTOFFY[]ã,Ì"[]]‡ŠÂ<«fGfffBf^,Å[ì[]¬,·,é'¼]A FFILLY,ÌLIB 17,ÉŒöŠJ,³,ê,Ä,¢,é[]ê p,ÌTOFFYfVfifŠfl[]ì[]¬fc[[f<<u>aPon</u>,â<u>TOM</u>,Å,à[]ì,é,± ,Æ,ª,Å,«,Ü,·[]B"Á,ÉaPon,Í[]D•],¾,Á,½mPon,ð<— Í,Éfo[[fWf‡f"fAfbfv,µ,½,à,Ì,Å[]Af}fEfX,Ìfhf ‰fbfO[]•fhf[]fbfv,¾,<sup>-</sup>,Å,Ç,È,½,Å,àŽèŒy,ÉfVfifŠfl,ð,Â,,é,±,Æ,ª,Å,«,é,æ,¤ ,É,È,Á,Ä,¢,Ü,·[]B,º,Đ^ê"x,¨,½,ß,µ,,¾,³,¢[]B



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- fvf□fOf‰f€f}fl□[fWff,©,çŠÓ□Ü,µ,½,¢ ,eillyf^fCfgf<,ðf\_fuf<fNfŠfbfN,·,é□B□ifCf"fXfg□[f ‰□[,ÅfCf"fXfg□[f<,µ,½ ,eillyf^fCfgf<,Ì,Ý□j</p>
- Iftf@fCf<1 f□fjf...□[,©, c[Š],...] ,ð'l'ð,µ□AŠÓ□Ü,µ,½,¢ ,eillyf^fCfgf<,ðŽw'è,µ□A□Ä□¶f{f^f",ð□¶fNfŠfbfN, ,,é□B
- Ifc[[f<fo][] , iftf@fCf<fl[[fvf"f{f^f",ðfNfŠfbfN,μ]AŠÓ]Ü,μ,½,¢ ,eillyf^fCfgf<,ðŽw'è,μ]A]Ä]¶f{f^f",ð]¶fNfŠfbfN, ·,é]B
- ftf@fCf‹f}fl□[fWff" ™,ÅŠÓ□Ü,µ,½,¢ ,eillyf^fCfgf‹,ðf\_fuf‹fNfŠfbfN,·,é□B□i□‰ ,ß,Ä,eilly,ðŽg,¤,Æ,«,¾,,,ĺ,Å,«,Ü,¹,ñ□j
- ftf@fCf (f) fl□[fWff"<sup>™</sup>,ÅŠÓ□Ü,µ,<sup>1</sup>/<sub>2</sub>,¢ ,eillyf^fCfgf (,ð,Â,Ü,Ý□A,eilly,Ì□ã,Ü,Åfhf ‰fbfO,µ,Ä,«,Ä—Ž,Æ,·□ifhf‰fbfO□•fhf□fbfv□j

,²Ž©—R,È•û-@,Å,¨Šy,µ,Ý

‰º,³,¢□B,È,¨□Ă"®□ì,<sup>³</sup>,¹,é,É,Í<@Ší,ÌfZfbfefBf"fO"™,à•K—v,È□ê□‡,ª, ,è,Ü,·□B•K, <u>\_fCf"fXfg□[[f<</u>,ð,¨"Ç,݉º,³,¢□B

,Ü,<sup>1</sup>/<sub>2</sub> $\square$ A $\square$ Ä $\square$ ¶,µ,Ä,¢,éff $\square$ [f^,Ì'+'f $\square$ Af $|\square$ [fY $\square$ A $\square$ Å $\square$ %,©,ç,Ì $\square$ Ä $\square$ ¶,É,Í[<u>fc $\square$ [f<fo $\square$ []</u>,Ì,»,ê,<sup>1</sup>/<sub>4</sub>,ê,Ìf{f^f",ð%Ÿ,µ,Ä,,<sup>3</sup>/<sub>4</sub>,³,¢ $\square$ B ,eillyf^fCfgf<,ÌŠÓ $\square$ Ü,ð,â,ß,é,É,Íftf@fCf<fNf $\square$ [fYf{f^f",ð%Ÿ,µ,ĉ<sup>Q</sup>,³,¢ $\square$ B,eilly,ð $\square$ I $\_^1$ ,·,é,É,Í[<u>ftf@fCf<]f $\square$ ffjf... $\square$ [,©,ç[ $\square$  $\_^1$ ],ð'I'ð,µ,Ä,,<sup>3</sup>/<sub>4</sub>,³,¢ $\square$ B,È," $\square$ A $\square$ Ä $\square$ ¶'†,Ì,eillyf^fCfgf<,ÌWindow,ð%EfNfŠfbfN,µ,Ä,à $\square$ Ä $\square$ ¶,ð'†'f,³,¹,éŽ-,<sup>3</sup>,Å,«,Ü,· $\square$ B</u>

# [•\ަ] f□fjf...□[,ÌfRf}f"fh

 $[\bullet \ \check{Z}_{i}] f f f f := [, \acute{E}, \acute{I} \ \grave{E} \ \&^{\varrho}, \grave{I}, \&, \&, \grave{E} f R f \} f "f h, \overset{a}{=}, \ \dot{e}, \ddot{U}, \cdot \Box B$ 

 $\begin{array}{ll} \underline{[fc][f < fo][]} & fc[[f < fo][, \hat{i} \bullet \langle \hat{Z} \rangle, \hat{U}, \frac{1}{2}, \hat{i} \tilde{n} \bullet \langle \hat{Z} \rangle, \hat{\partial} \Box \emptyset, \hat{e} \cdot \ddot{O}, \hat{i}, \ddot{U}, \frac{1}{2} B \\ \underline{[fXfe][f^{fX}]} & fXfe[[f^{fX}] fo[[, \hat{i} \bullet \langle \hat{Z} \rangle, \hat{U}, \frac{1}{2}, \hat{i} \tilde{n} \bullet \langle \hat{Z} \rangle, \hat{\partial} \Box \emptyset, \hat{e} \cdot \ddot{O}, \hat{i}, \ddot{U}, \frac{1}{2} B \\ \underline{fo}[] \end{array}$ 

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#### Šî-{fpfbfN

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toffy.exe	<b>,eilly</b> f^fCfgf‹(.FIL)□ì□¬"□□‡ŠÂ‹«
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install.ins	fCf"fXfg[[f<[]Ý'èftf@fCf<
filly.hlp	,eilly,Ìfwf <fvftf@fcf<< td=""></fvftf@fcf<<>
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filly.fil	,eilly,)fl[[fvfjf"fOf^fCfgf<
filly.tfy	fl□[fvfjf"f0ftf@fCf<,Ì <b>T0FFY</b> fVfifŠfl
filly.bmp	fl[[fvfjf"fO—p,Ì <b>,eilly</b> ,Ìf[]fS
pom.wav	fTf"fvf <f^fcfgf<—p,ì.wavff[[[f^< td=""></f^fcfgf<—p,ì.wavff[[[f^<>
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stamp.fil	f}fEfX"ü—ĺ‹@"ÌfTf"fvf‹f^fCfgf‹
stamp.tfy	fTf"fvf <f^fcfgf<,ì<b>TOFFYfVfifŠfl</f^fcfgf<,ì<b>
stamp.ico	fTf"fvf <f^fcfgf<,ìfafcfrf"< td=""></f^fcfgf<,ìfafcfrf"<>
kakudai.fil	Šgʻå_k_¬<@"ÌfTf"fvf <f^fcfgf<< td=""></f^fcfgf<<>
kakudai.tfy	fTf"fvf <f^fcfgf<,ì<b>TOFFYfVfifŠfl</f^fcfgf<,ì<b>
kakudai.ic	fTf"fvf <f^fcfgf<,ìfafcfrf"< td=""></f^fcfgf<,ìfafcfrf"<>
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moji.fil	•¶Žš•\ަ‹@"ÌfTf"fvf‹f^fCfgf‹
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moji.ico	fTf"fvf <f^fcfgf<,ìfafcfrf"< td=""></f^fcfgf<,ìfafcfrf"<>
readme.txt	fCf"fXfg□[f<•û-@"™,ÌfhfLf…f□f"fg

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fil_fun.ins	fCf"fXfg[[f<[]Ý'èftf@fCf<
skip.fil	fLfffXfg,ð— <sup>~</sup> —p,μ,½□A□—
	,ÌŽq,ªfXfLfbfv,•,éfTf"fvf <f^fcfgf<< td=""></f^fcfgf<<>

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$$\begin{split} \dot{S}_{f} &= \{fpfbfN, \hat{I}_{f} Cf^{"f}_{f} Sfg_{f}^{s} M_{a}^{1} Cf^{a}_{a}, \pm, \hat{e}, c, \delta^{*}, fffBf CfNfgf S^{*}_{a}, \dot{E}^{u}, c, \dot{A}_{a}^{u} M_{a}^{u} M_{a}^$$

,Ü,½□AfCf"fXfg□[f‰□[,ðŽg,í,È,,Ä,àfCf"fXfg□[f<,͉"\ ,Å,·□B'Sftf@fCf<,ð"<sup>-</sup>^êfffBfŒfNfgfŠ,É,¨,¢,Ä,**eilly**,ð<N"®,µ,Ä,-,¾,³,¢□B^ê"x<N"®,·,ê,Ίg'£Žq,ª"o<sup>-</sup>^,³,ê,Ü,·,Ì,Å□A,»,ê^È□~,Íftf@fCf<f}fl□[fWff "<sup>™</sup>,Å,**eillyf^fCfgf**<,ðf\_fuf<fNfŠfbfN,·,ê,ÎŽ©"®<N"®,·,é,æ,¤,É,È,è,Ü,·□B ,Ü,½□Afl□[fvfjf"fOf^fCfgf<,Í,**eilly**,Æ"<sup>-</sup>,¶fffBfŒfNfgfŠ,É'u,¢,Ä,¨,¢,ĉ<sup>Q</sup>,³,¢□B

# <mark>≊</mark> ŠÂ‹«,Ì∏Ý'è

$$\begin{split} \mathsf{MIDI}_{APCM}^{1} & \mathbb{C}^{1} \\ \mathsf{ACD}_{V}^{1} \\ \mathsf{C}^{1} \\ \mathsf{$$

‰<sup>1</sup>Œ<sup>1</sup>fhf‰fCfo,ðŠ,,,è"-,Ä,é•K—v,<sup>a</sup>, ,è,Ü,·□B ,Ü,½□A‰‰'t,<sup>a</sup>,**¤,Ü,,¢,©,**,,É<sup>°</sup>ʕیì<sup>^</sup>á"½,<sup>a</sup>□o,é,æ,¤,È□ê□‡,ĺfhf ‰fCfo,Ì□Ý'è,ð,µ,Ä ‰<sup>o</sup>,<sup>3</sup>,¢□B<ï'Ì"I,É,Í□Aftf@fCf<f}fl□[fWff□[,Å"®□ì,µ,È,¢f<sup>^</sup>fCfgf<,ÉŠÜ,Ü,ê,é□u.MI D□vftf@fCf<,ðf\_fuf<fNfŠfbfN,µ,Ü,·□B,»,µ,Äf□fffBfAfvfŒ□[f,,□[,'n ‰'t,<sup>3</sup>,<sup>1</sup>□A□u□<sup>3</sup>□í,ɉ‰'t,<sup>3</sup>,ê,È,¢□ê□‡,<sup>a</sup>, ,è,Ü,·,Æ,¢ ,¤□vf\_fCfAf□fO,a,n,w,ð□o,µ□A,»,±,Ì□u,±,Ìf□fbfZ□[fW,ð□;Œã•\ަ,µ,È,¢□v,Æ,¢ ,¤□€-Ú,Éf`fFfbfN,ð"ü,ê,ĉ<sup>o</sup>,<sup>3</sup>,¢□B

AVIftf@fCf<,Ì□Ä□¶,É,͕ʓrVFW,Ìf‰f"f^fCf€f<□[f`f",ª•K—v,Å,·□B,± ,ê,Íflfbfgf□□[fN"à□AŽGŽ□,Ì•t<sup>~</sup>^,©,ç"üŽè,µ,ÄfZfbfgfAfbfv,µ,ĉº,³,¢□B

,È,¨[]A‱æ'œ,ð—<sup>~</sup>—p,·,é**,eilly**f^fCfgf<,Ì[]ê[]‡[]A, ,é'ö"x,Ìf[]f,fŠ,ð•K v,Æ,μ,Ü,·[]B‰æ'œ,ÉŠÖ,·,éfGf‰[[,ª]o,é[]ê[]‡[]Af[]f,fŠ•s'«,ÌŽ-,ª,æ,, ,è,Ü,·[]B, »,Ì—I,È[]ê[]‡,Í'¼,ÌfAfvfŠfP[[fVf‡f",ð[]I—¹,·,é,È,Ç,μ,Äf[]f,fŠ,ðŠm•Û,μ,Ä ‰º,³,¢[]B[],,[§'I,Æ,μ,Ä,Íf[]f,fŠ,Í,T[]D,U,IfofCfg^È[]ã,Æ,μ,Ü,·[]B

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FILLY,ÌŠT—v

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f|fCf]□[(NIF : HCB02046) ,<sup>3</sup>,ñ□ì,É,æ,é**TOFFY**fVfifŠfl□ì□¬fc□[f<□Bf}fEfX'€□ì,ÅŽèŒy,ɉæ'œ,â ‰¹Šyftf@fCf<,ðŽw'è,·,é,¾,¯,Å□A**TOFFY**fVfifŠfl,ª□¶□¬,Å,«,éfc□[f<,Å,·□BNIFTY FFILLY LIB 17,É,ÄŒöŠJ'†,Å,·□B **TOM**(TOffy file Maker)

fNfŒfCf"(NIF : KFD04067) ,³,ñ□ì,É,æ,é**TOFFY**fVfifŠfl□ì□¬fc□[f<□Bf}fEfX'€□ì,ÅŽèŒy,É**TOFFY**fVfifŠfl□ì□¬ ,ð□¶□¬,μ,Ä,¢,fc□[f<,Å,·□B fl[][fTfŠf"fO ‰æ'œ[]A‰¹Šy[]A‰¹[]º[]A‰f'œ,ð'g,Ý[]‡,í,¹[]A^ê,Â,ÌŒn"[],¾,Á,½[]ì•i,É,Ü,Æ,ß, , °,é,±,Æ ,Æ,à,ä,«

"Œ<ž'åŠw'åŠw‰@[]HŠwŒnŒ¤<†‰È[]î•ñ[]HŠw‰È"c'†‰p•FŒ¤<†Žº"ŽŽm ‰Û'ö[]Ý[]Ð[]Af]f‰[[fhfefLfXfg,ÌŒ¤<†,ð[]s,Á,Ä,¢,é[]Bfpf\ fRf"'Ê[]M,Í,P,X,W,W"N,©,ç,Í,¶,ߌ»[]ÝNIFTY-Serve,É,ÄFFILLY,FGALRAY,ÌftfH[[f ‰f€,ðŽå[]É[]BŽï-¡,ÍŽÊ[]^ŽB‰e,Æ[]‡-°[]B[]D,«,È[]H,ו¨,Í,¤,Ç,ñ[]B NIFTY:SDI00687, PC-VAN:VSC76195, internet:tomo@mtl.t.u-tokyo.ac.jp

# [ftf@fCf<] f□fjf...□[,ÌfRf}f"fh

 $[ftf@fCf <] f[]fj...[[,É,l^ȉ^o,l,æ,¤,ÈfRf}f"fh,ª, ,è,Ü,·[]B$ 

- <u>[Š]....]</u> Šù'¶,Ì•¶□',ðŠJ,«,Ü,·□B <u>[•Â,¶,é]</u> Œ»□ÝŠJ,¢,Ä,¢ ,é•¶□',ð•Â,¶,Ü,⊡B

- ,eilly ,ð□l—¹,μ,Ü, ⊡B  $\left[ \square I \_ 1 \right]$

# [•\ަ] f□fjf...□[,ÌfRf}f"fh

 $[\bullet \ \check{Z}_{i}] f f f f := [, \acute{E}, \acute{I} \ \grave{E} \ \&^{\varrho}, \grave{I}, \&, \&, \grave{E} f R f \} f "f h, \overset{a}{=}, \ \dot{e}, \ddot{U}, \cdot \Box B$ 

 $\begin{array}{ll} \underline{[fc][f < fo][1]} & fc[[f < fo][, \hat{i} \cdot \langle \check{Z} \rangle, \hat{U}, \overset{1}{2}, \hat{i} " \tilde{n} \cdot \langle \check{Z} \rangle, \delta \Box \emptyset, \hat{e} ` \ddot{O}, \hat{i}, \ddot{U}, \cdot \Box B \\ \underline{[fXfe][f^{fX}} & fXfe[[f^{fX} fo][, \hat{i} \cdot \langle \check{Z} \rangle, \ddot{U}, \overset{1}{2}, \hat{i} " \tilde{n} \cdot \langle \check{Z} \rangle, \delta \Box \emptyset, \hat{e} ` \ddot{O}, \hat{i}, \ddot{U}, \cdot \Box B \\ \underline{fo}[[1] \end{array}$ 

# [fwf<fv] f□fjf...□[,ÌfRf}f"fh

[fwf<fv] f□fjf...□[,É,ĺ^ȉº,Ì,æ,¤,ÈfRf}f"fh,ª, ,è,Ü,·□B

 $\begin{array}{ll} \underline{[-\dot{U}\ddot{Z}\ddot{Y}]} & fwf < fv, \dot{l} - \dot{U}\ddot{Z}\ddot{Y} & \& - \hat{E}, \delta \bullet \backslash \ddot{Z} \\ \underline{[fwf < fv, \dot{l} \ddot{Z}g, \varphi \bullet \hat{u}]} & fwf < fv, \dot{l} \ddot{Z}g, \varphi \bullet \hat{u}, \dot{l} \\ \underline{[fon][fWf \pm f" \square \hat{i} \bullet \tilde{n} \\ \underline{1}} & fAf \lor f \check{S}fP \\ \underline{[fon][fWf \pm f" \square \hat{i} \bullet \tilde{n}, \delta \bullet \land \ddot{Z} \\ \underline{1}} \end{array}$ 

# [ŠJ,...] fRf}f"fh ([ftf@fCf<] f□fjf...□[)

Šù'¶,Ì•¶□',ðŠJ,«,Ü,·□B<u>[Š],...] f\_fCfAf□fO f{fbfNfX</u>,ð•\ ަ,µ,Ü,·□B^ê"x,É•¡□",Ì•¶□',ðŠJ,,± ,Æ,ª,Å,«,Ü,·□B•¡□",Ì•¶□',Ì•Ò□W,ð□Ø,è'Ö,¦,é,É,Í□A[fEfBf"fhfE] f□fjf... □[,Ì<u>[fEfBf"fhfE-¼ 1, 2, ...] fRf}f"fh</u>.,ðŽg,Á,Ä,,¾,3,¢□B

# fVf‡[[fgf]fbfg

fc[[f<fo][: fL[[f{[[fh: [Ctrl]+[O]

#### [ŠJ,...] f\_fCfAf□fO f{fbfNfX

[ŠJ,...] f\_fCfAf⊡fO f{fbfNfX,Å,Í□A^ȉº,ÌflfvfVf‡f",ª□Ý'è,Å,«,Ü,·□B **ftf@fCf<-¼** 

ŠJ,«,¼,¢•¶□',Ì-¼'O,ð"ü—ĺ,Ü,½,ĺ'l'ð,μ,Ü,·□BfŠfXfg f{fbfNfX,É,ĺ□A[ftf@fCf‹,ÌŽí —Þ]f{fbfNfX,Å'l'ð,μ,½ftf@fCf‹Œ`Ž®,É'Ήž,·,éŠg'£Žq,ðŽ□,Á,½ftf@fCf‹,ª^ê ——•\ަ,³,ê,Ü,·□B

ftf@fCf<,ÌŽí—Þ

ŠJ,≪,ᢆ½,¢∙¶□',Ìftf@fCf‹Œ`Ž®,ð'l'ð,μ,Ü,·□B Šg'£Žq,ª .FIL,Ìftf@fCf‹,ª**,eilly**,Ìf^fCfgf‹,Å,·□B

#### fhf‰fCfu

ŠJ,∝,¼2,¢∙¶□',ª∙Û'¶,³,ê,Ä,¢,éfhf‰fCfu,ð'l'ð,μ,Ü,·□B

fffBfŒfNfgfŠ

ŠJ,«,½,¢•¶□',ª•Û'¶,³,ê,Ä,¢,éfffBfŒfNfgfŠ,ð'l'ð,μ,Ü,·□B

# [•Â,¶,é] fRf}f"fh ([ftf@fCf<] f□fjf...□[)

 $\label{eq:linear_state} \bullet \ensuremath{\P_1}^{\circ}, \ensuremath{\hat{P}_1} = \ensuremath{\P_1}^{\circ}, \ensuremath{\hat{P}_1} = \ensuremath{\hat{P}_1}^{\circ}, \ensuremath{\hat{P}_1}^{\circ}, \ensuremath{\hat{P}_1} = \ensuremath{\hat{P}_1}^{\circ}, \ensuremath{\hat{P}_1} = \ensuremath{\hat{P}_1}^{\circ}, \ensuremath{\hat{P}_1}^{$ 



# [ftf@fCf<-¼ 1, 2, 3, 4,...] fRf}f"fh ([ftf@fCf<] f□fjf...□[)

 $[ftf@fCf<] f[]fjf...[[,]\implies ^",É,I[]A'\frac{1}{4}'O,E \bullet \hat{A}, \P, \frac{1}{2}ftf@fCf<-\frac{1}{4}, \frac{3}{2}"\hat{O}[]\dagger, \mathcal{A}, \mathcal{A}, \hat{A}, \hat{U}, \hat{A} \bullet \tilde{Z}, \frac{3}{2}, \hat{C}, \frac{1}{2}, \frac{1}{2}, \frac{1}{2}, \frac{1}{4}, \frac{3}{2}, \frac{1}{4}, \frac{3}{2}, \frac{1}{4}, \frac{3}{4}, \frac{3}{4}$ 

# [**]I-**<sup>1</sup>] fRf}f"fh ([ftf@fCf<] f**]**fjf...**]**[)

**,eilly**,Å,Ì□ì<Æ,ð□I—¹,µ,Ü,·□BfAf∨fŠfP□[fVf‡f" fEfBf"fhfE,ÌfRf"fgf□□[f< f□fjf... □[,É, ,é [•Â,¶,é] fRf}f"fh,ðŽg,Á,Ä□ì<Æ,ð□I—¹,·,é,±,Æ,à,Å,«,Ü,·□B

#### fVf‡[[fgf]fbfg

f}fEfX: fAfvfŠfP□[fVf‡f" fEfBf"fhfE,ÌfRf"fgf□□[f< f□fjf... □[ f{fbfNfX,ðf\_fuf<fNfŠfbfN,μ,Ü,·□B



 $fL_{[f{[F4]}]}$ 

# [fc[[f<fo[[] fRf}f"fh ([•\Ž;] f[]fjf...[[)

 $\begin{array}{l} fc [[f < fo [[, \dot{l} \bullet \ \dot{Z}_{|} A'' \tilde{n} \bullet \ \dot{Z}_{|}, \delta ] \emptyset, \dot{e} & (\ddot{O}, |, \ddot{U}, \cdot ] Bfc [[f < fo [[, \dot{E}, \dot{I} ] A [ \check{S}], - \\ ... [] n, \dot{E}, \dot{C}, \dot{I} ] A, eilly, \dot{A} ] \dot{A}, \dot{a}, & & , \ddot{Z}g, i, \hat{e}, \acute{e}fRf \} f ``fh, & ``, \P < @'' \\ , \delta \check{Z} ], \dot{A}, \frac{1}{2} fc [[f <, \overset{a}{S} \ddot{U}, \ddot{U}, \hat{e}, \ddot{A}, \varphi, \ddot{U}, \cdot ] Bfc [[f < fo [[, \overset{a}{2} \bullet \ \dot{Z}_{|}, \overset{a}{3}, \hat{e}, \ddot{A}, \varphi, \acute{e}, & , \dot{A}, \star, \dot{I} ] A, \pm, \dot{I} fRf \} f ``fh - \\ \frac{1}{4}, \dot{I} &_{i}, \acute{E}f \ fFfbfNf \} [[fN, \overset{a}{a} \bullet \ \dot{Z}_{|}, \overset{a}{3}, \dot{e}, ] B \\ [] (\dot{\mu}, \mu, \dot{I} ] A \ \underline{fc [[f < fo [[}, \delta \check{Z} Q ] & , \mu, \ddot{A}, \overset{a}{3}, \dot{e} ] B \\ \end{array}$ 

fc[[f <fo]< th=""><th>[</th></fo]<>	[

 $fc[[f < fo[[, I]AfAfvfŠfP[[fVf‡f" fEfBf"fhfE]]ã • ", Å]Af[]fjf...][ fo[[, I, \cdot, @ <math>\ensuremeq$  e  $\check{Z}_{+,3}, \hat{e}, \ddot{U}, \cdot]B, \pm, \pm, \acute{E}\check{S}\ddot{U}, \ddot{U}, \hat{e}, \acute{e}fc[[f <, \delta f]fEfX, ÅfNfŠfbfN, \mu, Ä' \in ]], \mu, \ddot{U}, \cdot]B$ 

**fc[f**< <@"∖

**a \_\_\_\_,eilly**,Ìff[[[f^,ðŠJ,«,Ü,·[]B **,eilly** ,Í [ŠJ,] f\_fCfAf[]fO f{fbfNfX,ð•\ ަ,μ,Ü,·,Ì,Å[]AŠJ,«,½,¢ftf@fCf<,ðʻl'ð,μ,Ü,·[]B

#### [fXfe][f^fX fo][] fRf}f"fh ([•\ަ] f]fjf...][)

 $fXfe[[f^fX fo][, i \cdot Ž_{A}^{n} \cdot Ž_{A}^{n} \circ Z_{A}^{n}, i \cdot BfXfe][f^fX fo][, i \cdot L_{A}^{n} \circ Z_{A}^{n}, i \cdot Z_{A}^{n}, i \cdot BfXfe][f^fX fo][, i \cdot Z_{A}^{n} \circ Z_{A}^{n}, i \cdot Z_{A}^{n}, i \cdot BfXfe][f^fX fo][, i \cdot Z_{A}^{n} \circ Z_{A}^{n}, i \cdot BfXfe][f^fX fo][, i \cdot Z_{A}^{n} \circ Z_{A}^{n}, i \cdot BfXfe][f^fX fo][, i \cdot AZ_{A}^{n} \circ Z_{A}^{n}, i \cdot BfXfe][f^{n}, i \cdot BfXfe][f^{n}, i \cdot AZ_{A}^{n}, i \cdot BfXfe][f^{n}, i \cdot BfXfe]$ 

\_\_Ú,μ,,Í\_\_A<u>[fXfe\_\_[f^fX fo\_[]</u>,ðŽQ\_\_Æ,μ,Ä,,¾,3,¢\_]B

# fXfe[[f^fX fo[[

#### KANA CAP NUM SCRL

 $fXfe[[f^fX fo][,i]A ,eilly,ifEfBf"fhfE,i^ê"Ô‰^{e},É•\Ž|,³,ê,Ü,·]BfXfe[[f^fX fo][,i•\Ž|]A"ñ•\Ž|,ð]Ø,è'Ö,¦,é,É,i[]A[•\Ž|] f]fjf...][,i [fXfe][f^fX fo][] fRf}f"fh,ð'l'ð,µ,Ä,,³4,³,¢]B$ 

 $fXfe[[f^fX fo[[,]]&E'x,] \bullet " \bullet " \bullet ", É, I[]A^E: { } ON/OFF , ] ON , ] ON$ 

- •\ަ ∐à-¾
- KANA [ʃ]ʃi] ʃL□[,ª ON ,Ì□ó'Ô
- CAP [Caps Lock] fL[[,ª ON ,Ì[]ó'Ô
- NUM [Num Lock] fL[[,ª ON ,Ì[]ó'Ô
- SCRL [Scroll Lock] fL□[,ª ON ,Ì□ó'Ô

# [\_d,Ë,Ä•\ަ] fRf}f"fh ([fEfBf"fhfE] f\_fjf...\_[)

•¡□",ÌfEfBf"fhfE,ð□d,Ë,Ä∙\ަ,μ,Ü,·□B

# [•À,×,Ä•\ަ] fRf}f"fh ([fEfBf"fhfE] f□fjf...□[)

•¡□",ÌfEfBf"fhfE,ð•À,×,Ä•\ަ,μ,Ü,·□B

# [\_c,É•À,×,Ä•\ަ] fRf}f"fh ([fEfBf"fhfE] f□fjf...□[)

•¡□",ÌfEfBf"fhfE,ð□c,É•À,×,Ä•\ަ,μ,Ü,·□B

# [‰i,É•À,×,Ä•\ަ] fRf}f"fh ([fEfBf"fhfE] f□fjf...□[)

•¡□",ÌfEfBf"fhfE,ð‰¡,É•À,×,Ä•\ަ,μ,Ü,·□B

#### [fAfCfRf",Ì]@—ñ] fRf}f"fh ([fEfBf"fhfE] f]fjf...][)

 $fAfvfŠfP[[fVf‡f", lf]fCf" fEfBf"fhfE, l^ê"Ô‰^, EfAfCfRf"‰>, 3, ê, Ä, ¢, fEfBf"fhfE, ð] @ — ñ, 3, 1, Ü, <math>\cdot$ ]B•¶[', lfEfBf"fhfE, ªŠJ, ¢, Ä, ¢, Ä]Af]fCf" fEfBf"fhfE, l^ê"Ô‰^, l•"•ª, E, ©, ©, Á, Ä, ¢, é]ê]‡]A, ±, lfEfBf"fhfE, l‰^, E, E, Á, Ä, ¢, éfAfCfRf", l@ ©, |, Ü, 1, ñ]B

#### [fEfBf"fhfE-¼ 1, 2, ...] fRf}f"fh ([fEfBf"fhfE] f□fjf...□[)

**,eilly**,<sup>a</sup> $\mathbb{C}$ » $\square$ ÝŠJ,¢,Ä,¢,é•¶ $\square$ 'fEfBf"fhfE,ÌfŠfXfg,<sup>a</sup> [fEfBf"fhfE] f $\square$ fjf... $\square$ [,Ì,¢,¿,Î,ñ ‰<sup>2</sup>,É•\ަ,<sup>3</sup>,ê,Ü,· $\square$ B,Ü,½ $\square$ A $\mathbb{C}$ » $\square$ 'fAfNfefBfu,É,Å,Ä,¢,é•¶ $\square$ 'fEfBf"fhfE-¼,̉ ¡,Éf`fFfbfNf} $\square$ [fN,<sup>a</sup>•\ަ,<sup>3</sup>,ê,Ü,· $\square$ BfAfNfefBfu,É, $\mu$ ,½,¢•¶ $\square$ 'fEfBf"fhfE,ð'I'ð, $\mu$ ,Ä,-,<sup>3</sup>⁄4,<sup>3</sup>,¢ $\square$ B

# [-ÚŽŸ] fRf}f"fh ([fwf<fv] f□fjf...□[)

fwf‹fv,Ì□Å□‰,̉æ–Ê,ð•\ަ,µ,Ü,·□B,±,̉æ–Ê,©,ç□A **,eilly**,Ì'€□ìŽè□‡,âfŠftf@fŒf"fX,È,ÇŠÖ~A□î•ñ,Ì□€–Ú,ÖfWfff"fv,µ,Äfwf‹fv,ð"Ç,Þ,± ,Æ,ª,Å,«,Ü,·□B

fwf‹fv∏€-Ú,ðŽQ∏Æ,μ,½Œã∏A∏Å∏‰,̉æ-Ê,É-ß,é,É,Í∏Afwf‹fv fEfBf"fhfE,Ì <-ÚŽŸ> f{f^f",ð'l'ð,μ,Ü,·∏B

# [fwf<fv,ÌŽg,¢•û] fRf}f"fh ([fwf<fv] f□fjf...□[)

fwf<fv,ÌŽg,¢∙û,Ì∏à−¾,ð∙\ަ,µ,Ü,·∏B

# [fo][fWf‡f"]î•ñ...] fRf}f"fh ([fwf<fv] f]fjf...][)

,eilly,Ìfo□[fWf‡f",â"ÅŒ ,È,Ç,É,Â,¢,Ä,Ì□î•ñ,ð•\ަ,µ,Ü,·□B

#### [□ó<µ^Ë'¶,Ìfwf<fv] fRf}f"fh №

 $\begin{array}{l} \textbf{,eilly}, \hat{I}, \hat{J}, \hat{U}, \hat{I}, \hat{U}, \hat{E} \bullet " \bullet \stackrel{a}{=}, \hat{E}, \hat{A}, \varphi, \hat{A}, \hat{I}fwf < fv \square \hat{I} \bullet \tilde{n}, \hat{\delta} \bullet \backslash \check{Z}_{I}, \mu, \hat{U}, \cdot \squareBfc \square [f < fo \square [, \hat{I} \\ [\square \acute{\mu} \cap \stackrel{a}{E} \cdot \P, \hat{I}fwf < fv] f {f } f", \hat{\delta} (I' \acute{\delta}, \mu, \ddot{U}, \cdot, \mathcal{A} \square Af \} f Ef X f | f Cf" f ^, \hat{I} @` , \stackrel{a}{=} - \hat{1} ^ \acute{\delta}, \mathcal{A} < - \hat{a} \bullet , , \hat{\delta} (g, \hat{Y} \square \ddagger, \hat{I}, \frac{1}{2}, \hat{a}, \hat{I}, \hat{E} \bullet \ddot{I}, \hat{i}, \hat{e}, \ddot{U}, \cdot \squareB, \pm , \hat{I} \square \acute{\delta} (\hat{O}, \mathbb{A} \square Af c \square [f < fo \square [, \hat{I}' \frac{1}{4}, \hat{I}f {f } f", \hat{E}, \mathcal{C} \square A \\ \textbf{,eilly}, \hat{I}fEfBf"fhfE, \hat{I} \bullet " \bullet ^{a}, \hat{\delta}fNfŠfbfN, \mu, \ddot{U}, \cdot, \mathcal{A} \square A, », \hat{I} \bullet " \bullet ^{a}, \hat{E} (\hat{I} \% \check{z}, \cdot, \acute{e}fwf < fv \square \hat{i} \bullet \tilde{n}, ^{a} \bullet \backslash \mathring{Z}_{I}, ^{3}, \hat{e}, \ddot{U}, \cdot \squareB \end{array}$ 

# fVf‡[[fgf]fbfg

fL[[f{[[fh: [Shift]+[F1]

# f^fCfgf< fo[[

 $fEfBf"fhfE[] \tilde{a}'[, \dot{l}] AfAfvf \check{S}fP[] [fVf \ddagger f" - \frac{1}{4}, \hat{a} \bullet \P[] ' - \frac{1}{4}, \hat{a} \bullet \dot{Z}'_{1}, \overset{3}{}, \hat{e}, \acute{e} \bullet " \bullet \overset{a}{a}, \dot{A}, \cdot [] B$ 

 $f^{fCfgf< fo}[, \delta fhf\% fbfO, \mu, \ddot{A} \square AfEfBf"fhfE, \delta^{U"} \otimes , \dot{A}, \ll, \ddot{U}, \cdot \square B$ 

ŽQ□l: f\_fCfAf□fO f{fbfNfX,É,àf^fCfgf< fo□[,ª, ,è□Afhf‰fbfO,µ,Ä^Ú"®,·,é,±,,Å,«,Ü,·□B

f^fCfgf< fo□[,É,ĺŽŸ,Ì—v'f,ªŠÜ,Ü,ê,Ü,·□B

- **a** fAf∨fŠfP□[fVf‡f",ÌfRf"fgf□□[f< f□fjf...□[ f{fbfNfX
  - **a** •¶<u></u>,)ĵRf"fgf<u></u>][[f< f<u></u>]fjf...][ f{fbfNfX
  - $|| A'a \cdot Z'| > f\{f^f''$
  - a <fAfCfRf"‰»> f{f^f"
  - a fAfvfŠfP□[fVf‡f"-¼
  - **■** ¶[]' ¼
  - $a < \overline{\mathbb{C}}^{3}$ , fffCfY,  $f=\beta$ ,  $\cdot > f\{f^{f}$

### fXfNf[][[f< fo[[

•¶[]'fEfBf"fhfE,̉E'[,Ɖº'[,É•\ަ,³,ê,Ü,·[]BfXfNf[][][f< fo[[,Ì'†,ÌfXfNf[][][f< f{fbfNfX,Í[]A•¶[]''†,ÌŒ»[]Ý,Ì^Ê'u,ðަ,μ,Ü,·[]Bf}fEfX,ðŽg,¢ ,Ü,·,Æ•¶[]'"à,Ì'¼,Ì•"•ª,ÖfXfNf[][[f<,·,é,±,Æ,ª,Å,«,Ü,·[]B

# [fTfCfY•Ï□X] fRf}f"fh (fRf"fgf□□[f< f□fjf...□[)

,±,ÌfRf}f"fh,ð'l'ð,µ,Ü,·,Æ[]Af}fEfX f|fCf"f^,ª[]㉺[]¶‰E,É-î^ó,Ì•t,¢,½ $\mathbb{C}$ ` (‰º[]}ŽQ[]Æ),É•Ï,í,è,Ü,·[]B,± ,Ì[]ó'Ô,Å[]A•ûŒüfL[[,ðŽg,Á,Ä[]ì<Æ'†,ÌfEfBf"fhfE,ÌfTfCfY,ð•Ï[]X,·,é,± ,Æ,ª,Å,«,Ü,·[]B

f}fEfX f|fCf"f^,̌`,ª•Ï,í,è,Ü,μ,½,ς□A^ȉ⁰,Ì'€□ì,ð□s,¢,Ü,·□B

- •ûŒüfL□[,Ì,Ç,ê,© 1, (□ã□A‰⁰□A□¶□A‰E) ,ðŽg,Á,ÄfEfBf"fhfE,Ì<«ŠE,ð^Ú"®,μ,Ü,·□B</li>
- 2. ,à,¤ 1 ,Â,Ì•ûŒü,ÉfEfBf"fhfE,Ì<«ŠE,ð^Ú"®,μ,Ü,·□B
- 3.  $fEfBf"fhfE,^a-U"I,$ fTfCfY, $\acute{E},$  $\acute{A},$  $\frac{1}{2},$  $c\square A[Enter] fL\square [,ð‰"Y,\mu,U, \cdot \square B]$

### fVf‡[[fgf]fbfg

f}fEfX: fEfBf"fhfE,ÌŠp,©<«ŠE,ÌfTfCfY fo□[,ðfhf‰fbfO,μ,Ü,·□B

# [^Ú"®] fRf}f"fh (fRf"fgf□□[f< f□fjf...□[)

,±,ÌfRf}f"fh,ð'l'ð,μ,Ü,∙,Æ□Af}fEfX f|fCf"f^,ª□㉺□¶‰E,É–î^ó,Ì•t,¢,½Œ` (‰º□}ŽQ□Æ),É•Ï,í,è,Ü,·□B,± ,Ì□ó'Ô,Å□A•ûŒüfL□[,ðŽg,Á,Ä□ì‹Æ'†,ÌfEfBf"fhfE,ð^Ú"®,∙,é,±,Æ,ª,Å,«,Ü,·□B ₄

 $\label{eq:constraint} \end{subarray} \end{subarra$ 

#### fVf‡[[fgf]fbfg

fL[[f{[[fh: [Ctrl]+[F7]

# [fAfCfRf"‰»] fRf}f"fh (fRf"fgf□□[f< f□fjf...□[)

,eilly,ÌfEfBf"fhfE,ðfAfCfRf"‰», $\mu$ ,ĕ\ަ, $\mu$ ,Ü,· $\Box$ B

# fVf‡[[fgfJfbfg

# [**\_**Å'å•\ަ] fRf}f"fh (fRf"fgf**\_**[[f< f**\_**fjf...][)

 $[]`{A\!E'}+,`]fEfBf"fhfE,`d]AŽg-p&A"\,`EfXfy[[fX,¢,`A,`I,¢,`EŠg``a,\mu,`U,`]B$ 

# fVf‡[[fgfJfbfg

f}fEfX: f^fCfgf< fo□[,ì ▲ ,ðfNfŠfbfN,μ,Ü,·□B ,Ü,½,Í□Af^fCfgf< fo□[,ðf\_fuf< fNfŠfbfN,μ,Ü,·□B fL□[f{□[fh: [Ctrl]+[F10] (•¶□'fEfBf"fhfE,Ì□ê□‡)

# [ŽŸ,ÌfEfBf"fhfE,É^Ú,é] fRf}f"fh (•¶□'fRf"fgf□□[f< f□fjf...□[)

ŠJ,©,ê,Ä,¢ 

# **fVf‡**[]**[fgf]fbfg** fL[][f{[][fh:

[Ctrl]+[F6]

### ['O,ÌfEfBf"fhfE,É-ß,é] fRf}f"fh (•¶□'fRf"fgf□□[f< f□fjf...□[)

ŠJ, ©, ê, Ä, ¢, é•; []", Ì•¶[]'fEfBf"fhfE, ©, ç[]A^È'O, ÉŠJ, ©, ê, Ä, ¢,  $\frac{1}{2}$ •¶[]'fEfBf"fhfE, ðfAfNfefBfu, É, µ, Ü, ·[]B, Ç, Ì•¶[]'fEfBf"fhfE, ªfAfNfefBfu, É, È, é, ©, Í] []AŠJ, ©, ê, ½[]‡"Ô, É, æ, è, Ü, ·[]B

#### fVf‡[[fgf]fbfg

 $fL_{[f{[][fh: [Shift]+[Ctrl]+[F6]]}}$ 

# [•Â,¶,é] fRf}f"fh (fRf"fgf□□[f< f□fjf...□[)

 $[]`{\mathcal{A}'}^+, `]fEfBf"fhfE, ``af_fCfAf[]fOf{fbfNfX, "o"a, ", "B}$ 

 $fRf"fgf\Box\Box[f < f\Boxfjf...\Box[ f{fbfNfX, \deltaf_fuf < fNfŠfbfN, \mu, \ddot{A}, \dot{a} \bullet \hat{A}, \P, \acute{e}, \pm, \mathcal{A}, \overset{a}{\bullet}, \dot{A}, \ll, \ddot{U}, \cdot \Box B$ 

'□^Ó: 1 ,Â,Ì•¶□',É'Î,µ,Ä•¡□",ÌfEfBf"fhfE,ªŠJ,¢,Ä,¢ ,é□ê□‡□A•¶□'fEfBf"fhfE,ÌfRf"fgf□□[f<-[•Â,¶,é] fRf}f"fh,ð'l'ð,µ,Ä,à□A•Â,¶,ç,ê,é,Ì,Í,»,ÌfEfBf"fhfE,¾,⁻,Å,·□B"⁻,¶•¶□',Ì,·,×,Ä, ÌfEfBf"fhfE,ð^ê"x,É•Â,¶,é,É,Í□A[ftf@fCf<] f□fjf...□[,Ì [•Â,¶,é] fRf}f"fh,ðŽg,¢,Ü,·□B

#### fVf‡[[fgf]fbfg

 $fL_[f{[][fh: [Ctrl]+[F4] (• ¶_'fEfBf"fhfE, l_]e_]+)$  $[Alt]+[F4] (Filly fEfBf"fhfE, ", æ, <math>Nf_fCfAf_fOff(fhfX, l_]e_]+)$  [**Œ**<sup>3</sup>,**Ì**fTfCfY,É-ß,·] fRf}f"fh (fRf"fgf□□[f< f□fjf...□[)

#### [fAfvfŠfP[[fVf‡f",Ì]Ø,è'Ö,¦...] fRf}f"fh (fAfvfŠfP[[fVf‡f" fRf"fgf[][[f< f[]fjf...][)

 $\textcircled{\label{eq:started_started$ 

#### fVf‡[[fgf]fbfg

fL[[f{[[fh: [Ctrl]+[Esc]

#### f\_fCfAf\_fO f{fbfNfX, ``flfvfVf‡f"

f\_fCfĀf⊡fŌ f{fbfNfX,Å^ȉº,ÌflfvfVf‡f",ªŽw'è,Å,«,Ü,·□B

#### fAfvfŠfP[[fVf‡f",Ì]Ø,è'Ö,

Žg—p,·,ė́fAfvfŠfP[[fVf‡f",Ü,½,ĺ•Â,¶,éfAfvfŠfP[[fVf‡f",ð'l'ð,μ,Ü,·[]B ]**Ø,è'Ö,**}

ʻl'ð,³,ê,½fAfvfŠfP□[fVf‡f",ðfAfNfefBfu,É,μ,Ü, □B

fAfvfŠfP[[fVf‡f",Ì[]]—1

<sup>−</sup>'l'ð,<sup>3</sup>,ê,½fAfvfŠfP□[fVf‡f",ð•Â,¶,Ü,·□B

#### fLfff"fZf<

f\_fCfAf□fO f{fbfNfX,ð•Â,¶,Ü,·□B

**□d,Ë,Ä•∖Ž**¦

<N" ®,µ,Ä,¢,éfAfvfŠfP□[fVf‡f",ÌfEfBf"fhfE,ð□‡□X,É□d,Ë,Ä□A,»,ê,¼,ê,Ìf^fCfgf< fo□[,ªŒ©,¦,é,æ,¤,É•\ަ,µ,Ü,·□BfAfCfRf"‰»,³,ê,Ä,¢ ,éfAfvfŠfP□[fVf‡f",Í•À,Ñ,©,¦,ç,ê,Ü,¹,ñ□B

•À,×,Ä•\ަ

<N"®,µ,Ä,¢,éfAfvfŠfP□[fVf‡f",ÌfEfBf"fhfE,ðŒÝ,¢,É□d,È,è□‡,í,È,¢,æ,¤,É•\ ަ,µ,Ü,·□BfAfCfRf"‰»,³,ê,Ä,¢,éfAfvfŠfP□[fVf‡f",Í•À,Ñ,©,¦,ç,ê,Ü,¹,ñ□B

#### fAfCfRf",Ì<u></u>®—ñ

ͺ ſAſĊſŖſ"<sup>¯</sup>‰»,³,ê,Ä,¢,éſAſvſŠſP□[ſVſ‡ſ",ð‰æ–Ê,̉º∙",É∙À,×,Ä∙\ަ,μ,Ü,·□B •¶[]',Ì•Ï[]X

ŠJ,¢,Ä,¢,éŽqfEfBf"fhfE,É,Í**,eilly**f^fCfgf<,Ì□ì•i□î•ñ,ÆŒ»□Ý,ÌfXfe□[f^fX,ª•\ ަ,³,ê,Ä,¢,Ü,·□B •\ަ[k[]¬

**fVft**[**[fgf]fbfg** fL[[f{[[fh:

[Ctrl]+V

# fJfXf^f}fCfY

·□B

**fVf‡**[**[fgf]fbfg** fL[[f{[[fh: [Ctrl]+U

# fwf<fv∏€-Ú,ª, ,è,Ü,¹,ñ

 $fEfBf"fhfE,\dot{l},\pm,\dot{l}-\dot{l}^{*}a,\dot{l}fwf < fv \Box \hat{i} \bullet \tilde{n},\dot{l}, \ ,\dot{e},\ddot{U},{}^{1},\tilde{n} \Box B$ 

# fwf<fv∏€-Ú,ª, ,è,Ü,¹,ñ∏B

,±,Ìf□fbfZ□[fW f{fbfNfX,ÉŠÖ,·,éfwf<fv□î•ñ,ĺ, ,è,Ü,¹,ñ□B