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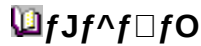
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“^a,É,·,éftfHf<f_ìŒ`đ,μ,½fAfCfRf“,ì†,É•Ž!,³,ê,é□–,³,ÉftfHf<f_<L□†,ÅŠÈ‘P,É<æ•Ê,·,é,±
,Æ,^a,Ä,«,Ü,·□BffftfHf<fg,Å,Í□ACumulus,lfŒfR□[fh–¼,lfHfB□[f<fh,Éftf@fCf<–
¼,đ•t,–,Ü,·□BfŒfR□[fh□î•ñ(fŒfR□[fh–¼)

,ì•ìX,ÉŠÖ,·,é□Ú□x,Í□AufŒfR□[fhfv□pfefB,ì•ìX□v,đŽQ□Æ,μ,Ä,,¾,³,¢□B

{button ,AL(` catalog’,0,`, `’)} ŠÖ~A□€–Ú

 fJf^f□fO

[fJf^f□fO,·,é]fRf}f“fh,đŽg—p,μ,½fJf^f□fO

ftf@fCf<,lfJf^f□fO,Í□A[fJf^f□fO,·,é]fRf}f“fh,đŽg—p,μ,Ä□s,ρ,±
,Æ,à,Ä,«,Ü,·□Bftf@fCf<,lfhf%fbfO&fhf□fbfv,Æ”äŠr,·,é,Æ□A2,Ä,ì□SCEÀ,^a,è,Ü,·□B

1%ñ,É,Ä,«1,Ä,lf tf@fCf<,Ü,½,lf tfHf<f_đfJf^f□fO,·,é,±,Æ,^a,Ä,«,é

Žè“@,Äftf@fCf<,ÉŠÜ“¶,lfJfefSfŠ,đ“o~^,·,é,±,Æ,^a,Ä,«,É,¢□B

ffftfHf<fg,Ä,Í□Aftf@fCf<,đfJf^f□fO,·,é□Ü,É□AflŠfWfi<ftf@fCf<,lfpfX,đ“½%of,μ,½fJfefSfŠ,^až
©“@“l,É□i□_,³,è,Ü,·□B

ftf@fCf<,đ□æ,É□@—□,μ,Ä,“,·,Æ□A1%ñ,ìŽè□‡,ÄŠÈ’P,ÉfCEfR□[fh,ÆfJfefSfŠ,đ“Žž,É□i□_,·,é,±
,Æ,^a,Ä,«,Ü,·□B

[fJf^f□fO,·,é]fRf}f“fh,đŽg—p,μ,Ä□V,μ,¢fCEfR□[fh,đ□i□_,·,é,É,Í□A`È%°,ìŽè□‡,É□],¢,Ü,·□B

1. [Cumulus,đxN“@,μ□A fJf^f□fO,đŠJ,«,Ü,·□B](#)

2. [ftf@fCf<]f□fjf...□[,©,ç[fJf^f□fO,·,é],đ“l’đ,μ,Ü,·□B

[fJf^f□fO,·,é]f_CfAf□fO{fbfNfX,^až!,³,è,Ü,·□B

3. [ftf@fCf<,ì□ê□Š]f{fbfNfX,Ä□A fJf^f□fO,·,éftf@fCf<,đ“Á’è,μ,Ü,·□B

4. ftf@fCf<,đ1,Ä,,ÄfJf^f□fO,·,é,©□AftfHf<f_“à—e,đ,Ü,Æ,ß,ÄfJf^f□fO,·,é,±,Æ,^a,Ä,«,Ü,·□B

□E ftf@fCf<,đ1,Ä,,ÄfJf^f□fO,·,é,É,Í□AŠeftf@fCf<,đfNfŠfbfN,μ,Ä[ŠJ],đfNfŠfbfN,μ,Ü,·□B

□E ftfHf<f_“à—

e,đ,Ü,Æ,ß,ÄfJf^f□fO,·,é,É,Í□A[ftf@fCf<,ì□ê□Š]ftfB□[f<fh,Ä,»,lf tfHf<f_đ,·,x,ÄfNfŠfbfN,μ
□A[,·,x,Ä,đfJf^f□fO],đfNfŠfbfN,μ,Ü,·□B

fJf^f□fO,^al—1,·,é,Æ□ACumulus,ì•ž!,í’È%°,ì,æ,ρ,É,È,è,Ü,·□B

□E fJf^f□fO fEfBf“fhfE,É□V,μ,¢fCEfR□[fh,^až!,³,è,é


□E flfŠfWfi<ftf@fCf<,lfpfX(□ê□Š),đ“½%of,μ,½□V,μ,¢fJfefSfŠ,^až!,³,è,é

ffftfHf<fg,Ä,Í□ACumulus,ÍfCEfR□[fh—¼,lf tfB□[f<fh,Éftf@fCf<—

¼,đ•t,_,Ü,·□BfCEfR□[fh□î•ñ(fCEfR□[fh—¼)

,ì•i□X,ÉŠÖ,·,é□Ü□x,Í□A□ufCEfR□[fhvf□fpfefB,ì•i□X□v,đŽQ□Æ,μ,Ä,,¾,³,¢□B

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fJf^f□fO

fJfefSfŠ,ì•Ò□W

fJfefSfŠŠXfgfEfBf“fhfE,Å,í□A^È%°,ì,æ,α,È,±,Æ,a,Å,«,Ü,·□B

fŒfR□[fh,ÉfJfefSfŠ,ð“o~^,.,é

fJfefSfŠ–¼,ì•Ò□W

[fJfefSfŠ]f|fbfvfAfbfvf□fjf...□[,ìŽg—p

fJfefSfŠ,ì□í□œ

fJfefSfŠ,ìfGfCfŠAfX,ð□ì□–,.,é,±,Æ,ÅfJfefSfŠ,ìfNf□fXfŠftf@fŒf“fX,ð□ì□–,.,é

{button ,AL(`catalog',0,`,`')} ŠÖ~A□€–Ú

fJf^f□fO

fJfefSfŠ,ì•ò□W

fŒfR□[fh,ÉfJfefSfŠ,ð“o~^,·,é

fŒfR□[fh,É,í•□”,ìfJfefSfŠ,ð“o~^,Ä,«,Ü,·□B


fŒfR□[fh,ÉfJfefSfŠ,ð“o~^,·,é,É,í^È%°,ìžè□‡,É□],¢,Ü,·□B

1. fŒfR□[fh,ð‘l’ð,μ,Ü,·□B

•i□”,ìfŒfR□[fh,ð“~Žž,É‘l’ð,·,é,É,í□ACTRLfL□[,ð%Ÿ,μ,½,Ü,Ü‘l’ð,μ,Ü,·□B~A‘±
,μ,½fŒfR□[fh,ð‘l’ð,·,é,É,í□ASHIFTfL□[,ð%Ÿ,μ,½,Ü,Ü‘l’ð,μ,Ü,·□B

2. ‘l’ð,μ,½fŒfR□[fh,ð“o~^,μ,½,¢^ê,Â,ìfJfefSfŠ^{-1/4},Éfhf%bfO&fhf□bfv,μ,Ü,·□B

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fJf^f□fO

fJfefSfŠ,ì•ò□W

fJfefSfŠ^{-1/4},ì•ò□W

fJfefSfŠ^{-1/4},ð•ò□W,·,é,É,í□AfJfefSfŠ^{-1/4},ðfNfŠfbfN,μ,Ä^{1/2}"]^{3,1}□A□V,μ,¢^{-1/4}‘O,ð“ü—
í,μ,Ü,·□B[•ò□W]f□fjf...□[,ìf|fvfVf‡f“([Žæ,è□Á,μ]□A[fJfbfg]□A[fy□[fXfg]□A[□í□œ]□A[·,×,Ä,ð‘!ð])
,Ü,1/2,í[fJfefSfŠ|fbfvfAfbvf□fjf...□],ðŽg—p,μ,ÄfJfefSfŠ^{-1/4},ð•ò□W,·,é,±,Æ,à,Å,«,Ü,·□B

{button ,AL(`catalog',0,`,`')} ŠÖ~A□€–Ú

 fJf^f□fO

 fJfefSfŠ,ì•ò□w

[fJfefSfŠ]f|fbfvfAfbfvf□fjf...□[,lžg—p

fJfefSfŠf|fbfvfAfbfvf□fjf...□[,É,í□A`È%°,ìf|fvfVf‡f“,Ö,ìfVf‡□[fgfJfbfg,^a,è,Ü,·□B

fRf}f“fh

f|fŠfWfif<,đ•Ž!

□à-¾

fGfCfŠfAfX,^a!‘đ,³ê,Ä,¢,é□ê□‡□A,±
,ìf|fvfVf‡f“,đ!‘đ,·,é,Æ□A|fŠfWfif<fJ
fefSfŠ,^aŽ!,³ê,Ü,·□B

fGfCfŠfAfX,đ•Ž!

!‘đ,μ,½fJfefSfŠ,ÉfGfCfŠfAfX,^a,é□
ê□‡□A,±
,ìf|fvfVf‡f“,đ!‘đ,·,é,Æ,»,ìfGfCfŠfAfX
,^aŽ!,³ê,Ü,·□B

fJfefSfŠ,ÅÆÿ□đ

!‘đ,μ,½fJfefSfŠ,^ao~^,³ê,½,·,x,Ä,ìfÆf
R□[fh,đ•Ž!,μ,Ü,·□B

ŠY“—

ftf@fCf<,đfRfs□[

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ŠfWfif<ftf@fCf<,đŽw`è,³ê,½□ê□Š,Éf
Rfs□[μ,Ü,·□B

ŠK‘w•Ž!,·,é

!‘đ,μ,½fJfefSfŠ,ìŠK‘w□\‘¢
,đ•Ž!,μ,Ü,·□B

ŠK‘w•Ž!,μ,È,¢

Æ»□Ý!‘đ,³ê,Ä,¢,éfJfefSfŠ,ìŠK‘w□\‘¢
,đ”ñ•Ž!,É,μ,Ü,·□B

□V<KfJfefSfŠ,đ□ì□¬

□V<KfJfefSfŠ,đ□ì□¬,μ,Ü,·□B

fJfefSfŠ¬¼,đÆÿ□đ

fŠfXfg“à,ìfJfefSfŠ,đÆÿ□đ,Ä,«,Ü,·□B

,·,x,Ä,đŠK‘w•Ž!,·,é

,·,x,Ä,ìfJfefSfŠ,ìŠK‘w□\‘¢,đ•Ž!,μ,Ü,·□B

,·,x,Ä,đŠK‘w•Ž!,μ,È,¢

,·,x,Ä,ìfJfefSfŠ,ìŠK‘w□\‘¢
,đ”ñ•Ž!,É,μ,Ü,·□B

[fJfefSfŠ]f|fbfvfAfbfvf□fjf...□[,đ•Ž!,·,é,É,í□A`È%°,lžè□‡,É□[,¢,Ü,·□B

1. fJfefSfŠ¬¼,đ!‘đ,μ,Ü,·□B

2. %Ef}fEfXf{f^f“,đfNfŠfbfN,μ,Ü,·□B

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 fJf^f□fO

 fJfefSfŠ,ì·ò□w

fJfefSfŠ,ìfGfCfŠfAfX,ì□ì□¬

fGfCfŠfAfX,ÆĖÄ,Î,ê,é%¼'z fNf□fXfŠftf@fĖf" fX,ìfJfefSfŠ,ð□ì□¬,Ä,«,Ü,·□BfGfCfŠfAfX,Í□A,»
,ìftfHf<f_fAfCfRf""à,É-ŕó,^a·Ž!,³ê,Ä,¢,Ü,·□B

fJfefSfŠ,ìfGfCfŠfAfX,ðžg—p,μ,Ä□AfJfefSfŠ,ð'ŠĖÝ,ÉŠÖ~A•t,¬,é,±
,Æ,^a,Ä,«,Ü,·□B,½,Æ,,Î□A□u□©'Ž□v,Æ□u□H•"□v,Æ,¢,²2,Ä,ìfJfefSfŠ,^a,,é□ê□±,ð□l,,Ü,·□B□u□H•"□v,Æ
,¢,²fJfefSfŠ,É,Í□A□u—l—"□v,Æ,¢,²fTfu fJfefSfŠ,^aŠÜ,Ü,ê,Ä,¢,Ü,·□B□u□©'Ž□v,Æ,¢
,²fJfefSfŠ,É,Í□A□uf~fcfof`□v,Æ,¢,²fTfu fJfefSfŠ,^aŠÜ,Ü,ê,Ä,¢
,Ü,·□BfJfefSfŠ,ìfGfCfŠfAfX,ð□ì□¬,·,é,±,Æ,Ä□A□uf~fcfof`□v,Æ□u—l—
"□v,ìŠÖ,É%¼'z"l,ÉfNf□fXfŠftf@fĖf" fX,ð□ì□¬,·,é,±,Æ,^a,Ä,«,Ü,·□B.

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f~fcfof`

fJfefSfŠ,ìfGfCfŠfAfX fJfefSfŠ,ìfGfCfŠfAfX—l—" f~fcfof`

,±,ì,æ,²,ÈfNf□fXfŠftf@fĖf" fX,ð□ì□¬,·,é,Æ□AfJfefSfŠ□u—l—"□v,ÄĖÝ□ð,·,é,¾,¬,Ä□u—l—
"□v,Æ□uf~fcfof`□v,ì—

¼·û,ìfĖfR□[fh,ðĖÝ□ð,Ä,«,Ü,·□BfGfCfŠfAfX,ðŠÜ,ß,½fJfefSfŠĖÝ□ð,ð□s,²/□s,í,È,¢
,Í□A fGfCfŠfAfX,ðĖÝ□ð,ÄŸ`è,Ä,«,Ü,·□B

fJfefSfŠ,ìfGfCfŠfAfX,ð□ì□¬,·,é,É,Í□A`È%°,ìžè□±,É□],¢,Ü,·□B

1. fJfefSfŠŠfXfgfEfBf"fhfE,Ä□AfGfCfŠfAfX,ð□ì□¬,μ,½,¢fJfefSfŠ,ð'l'ð,μ,Ü,·□B

2. [fJfefSfŠ]f□fj...□],©,ç[fGfCfŠfAfX,ð□ì□¬],ð'l'ð,μ,Ü,·□B

fJfefSfŠ,ìfGfCfŠfAfX,^a·Ž!,³ê,Ü,·□BfJfefSfŠ,ìfGfCfŠfAfX,ìftfHf<f_fAfCfRf",É,Í□A□¬,³È—
ŕó<L□†,^a·Ž!,³ê,Ü,·□B

3. fJfefSfŠ,ìfGfCfŠfAfX,ðŠY"—,·,é□ê□Š,Ü,Äfhf%fbfO,μ,Ü,·□B

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fJf^f□fO

fJfefSfŠ,ì•ò□w

fJfefSfŠ,ì□í□œ

fJfefSfŠftfHf<f_ªs—v,É,È,Á,½,Æ,«,Í□A,»ìfJfefSfŠ,ð□í□œ,·,é,±
,Æ,ª,Ä,«,Ü,·□BŽ©“@“l,É□ì□¬,μ,½fJfefSfŠ,ªs—v,É,È,Á,½□ê□‡,Ä,àˆÈ%°,ì3,Ä,ì•û—
@,Äftf@fCf<,ì□ê□Š,ð“Áè,Ä,«,Ü,·□B

□E [fÆfR□[fhfvf□pfefB]f_ fCfAf□fOf{fbfNfX,Æ[fIfŠfWfif<]f^fu,ð•Žl,μ,Ä□ê□Š,ð'T,·□B

□E fÆfR□[fh,ð'I'ð,μ,Ä[fÆfR□[fh]f□fjf ...□[,©,ç[fIfŠfWfif<,ðŠJ,],ð'I'ð,·,é□B

□E [ÆY□ðfc□[f<fo□],ðŽg—p,μ,ÄftfHf<f_¬¼,ðÆY□ð,·,é□B

fJfefSfŠ,ð□í□œ,·,é,É,Í□AˆÈ%°,ìŽè□‡,É□],¢,Ü,·□B


1. fJfefSfŠ¬¼,ì□¶‘ª,É,·éftfHf<f_ðfNfŠfbfN,μ,Ä□A□í□œ,·,éJfefSfŠ,ð'I'ð,μ,Ü,·□B

2. [fJfefSfŠ]f□fjf...□[,©,ç[fJfefSfŠ,ð□í□œ],ð'I'ð,μ,Ü,·□B

‘€□ì,ðŠm“F,·,é,½,ß,ìf_ fCfAf□fOf{fbfNfX,ª•Žl,³,ê,Ü,·□B

3. [OK],Ü,½,Í[fLff“fZf<],ðfNfŠfbfN,μ,Ü,·

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fJf^f□fO

fŒfR□[fh□î•ñ,ì□X□V

fIfŠfWfif<ftf@fCf<,ÉfAfNfZfX,Å,«,é□ê□‡,í□AŠù'ŋ,ìfŒfR□[fh,ð□X□V,·,é,±
,Æ,Å□AfIfŠfWfif<Ž©□g,ìŽ□,ÂfŒfR□[fh□î•ñ(fTf€fIfCf<□A%ð'œ"x□AfTfCfY,È,Ç),ð•ï□X,·,é,±
,Æ,^a,Å,«,Ü,·□BfŒfR□[fh,ð□X□V,·,é,Æ□Aftf@fCf<,^a·í□X,³ê,Ä,¢
,é□ê□‡,í□AfTf€fIfCf<,^a□Ä"x□ì□¬,³ê, [A\[fŒfR□\[fhfvf□fpfefB\]fEfBf"fhfE,É•Ž!,³ê,é,±](#)
,ê,ç,ì□î•ñ,^a,·,x,Ä□X□V,³ê,Ü,·□B

Šù'ŋ,ìfŒfR□[fh,ì□î•ñ,ð□X□V,·,é,É,í□A^È%°,ìžè□‡,É□,¢,Ü,·□B

1. fJf^f□fOfEfBf"fhfE,Å□A□X□V,·,éfŒfR□[fh,ð'l'ð,μ,Ü,·□B
2. [fŒfR□[fh]f□fjf...□[,©,ç[□X□V],ð'l'ð,μ,Ü,·□B
3. fTfuf□fjf...□[,©,ç[[k□\\$□X□V](#)],ð'l'ð,μ,Ü,·□B

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Cumulus Browser

CumulusBrowser,í□AfOf%ftfBfbfN□Afy□[fWfEfCfAfEfG□AfvfEf[f“fe□[fVf‡f“□AfTfEf“fh□A
frffflftf@fCf<,È,Ç□AŽ–ŽĀ□ă, ,ç,ă,éĎŽ®,ìffWf^f<f□ffBfA,đ•Ò□–□A'Ç□Ŏ□AfvfEfrf...
□[□AfRfs□[□A^Ů“®□A'□ŽB□AfA□[fJfCfu,Ā,«é,½,B□AffWf^f<,È,ç,Ñ,Éf□ffBfA,ìfvf□,ìfj□[fY,É,à
%ž,,ì,é,±,Æ,a,Ā,«„Ü,·□B,Ā,Ü,è□A□î•ñ,ìŠÇ—
□,â□SĎă,đ'Ě,¶,ĀffWf^f<f□ffBfA,đf□ffBfAŽ'ŽY,É•ĭ%»,³,¹,é,ì,Ā,·□B,Ü,½□Aftf@fCf<,đĎø—|—Ç,-
'Ç□Ŏ□A"z'u□AĎŸ□đ,·,é,±
,Æ,Ā□AfNfIfŠfefB,ìĎü□ă,đ,í,¶,βf□□[fNftf□□[,ì%ù'P,đŽĀĎ»,Ā,«é,ì,Ā□AĎĀ□X,ìf†□[fU,¼,–,Ā,È,-
□AŠé<Æ'S'ì,ì<M□d,ĚŽžŠŎ,â"i—p,đ□íĎ,·,éfc□[f<,Ā,à, è,Ü,·□B

•s–¾,È—pĎĎ,É,Ā,¢,Ā,í□A—pĎĎW,đŽQ□Æ,μ,Ā,,¾,³,¢□B

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- [Cumulus,ì,μ,,Ÿ](#)
- [flf“f%fcf“fwf<fv,ìŽg—p](#)
- [fEfBf“fhfEf□fjf...□\[fRf}f“fh,ìŽg—p](#)
- [fefNfifJf<fTf|□\[fg](#)
- [<α'Êf^XfN,ìŽQ□Æ□æ](#)

Cumulus Browser Cumulus, Ì, μ, , Ý

fOf%ftfBfbfNfX□A□o"Å□A,;æ,Ñf}f<f`f□ffBfAŽY<Æ,É,;,¢
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fCf<,ðfJf^f□fO,·,é,Æ□A[fÆfR□\[fh,ÆEÄ,Î,ê,éJf^f□fOGf"fgfŠ,a□i□¬,¾,Ü,·](#)□BfÆfR□[fh,İEÝ□ð,
ð—e^Ö,É,·,é,¾,ß□ACumulus,Å,ÍfÆfR□[fh,ð[fJfefSfŠ,ÆEÄ,Î,ê,é~](#)—□fOf<□[fv,É•Ö□¬,;æ,Ñ•^a—
p,μ,Ü,·□B

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ŠXfg,Æ,μ,Ä•Ž,Å,«,Ü,·□BfÆfR□[fh,İCumulus"à,ÅEÝ□ð,¾,é□A'T,μ,Ä,¢
,½fÆfR□[fh,aE©,Å,©,Å,½,ç□A,»,İfIfŠfWfif<ftf@fCf<,ðfvfÆrf...
□[□AfRfs□[□A,Ü,½,Í□V,μ,¢□ê□Š,É^Ú"®,·,é,±,Æ,a,Å,«,Ü,·□B

,»,İ'¼,É□»•"Å,İDesktop Plus,É,İŽŸ,İ,æ,ø,È—~_^a,è,Ü,·□B

- Microsoft,Ì Visual Basic,Ü,½,Í,»,İ'¼,Ì"OLE□€'fvf□fOf%~f"fOfc□[f<,ðŽg,Á,Ä□ASî–
{fvf□fOf%€<@"\\,ðŽ©"®%»,·,é,±,Æ,a,Å,«,Ü,·□B
- [Cumulus Browser](#),ðŽg,Á,Ä□AfJf^f□fO,ðCD-
ROM,Ü,½,Í,»,İ'¼,İfŠf€□[fofuf<f□ffBfA□iSyquest□AJaz□AZip□A,Ü,½,ÍMOfJ□[fgfŠfbfW,È,Ç□j,
Å"z•z,·,é,±,Æ,a,Å,«,Ü,·□B
- [Cumulus Internet Media Server](#),ðŽg,Á,Ä□AfJf^f□fO,ðfCf"f^□[flfbfg,Åª—L,;æ,Ñ"z•z,·,é,±
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{button ,AL('intro',0,`,`'')} [ŠÖ~A□€–Ú](#)

Cumulus Browser

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f w f < f v , l □ € — Ú , đ ž Q □ Æ , · , é , É , í □ A [*f w f < f v*] *f* □ *f j f* ... □ [, © , ç [— Ú ž Ÿ] , đ ' đ , μ , Ü , · □ B *f w f < f v , l* □ € — Ú , *l f Š X f g ,* ^a · ž ! , ³ é , Ü , · □ B

, ³ , ç , É □ A [*www* , Å □ î • ñ , đ Ğ © , é] *f { f ^ f " , đ f N f Š f b f N , · , é , Æ □ A Š J " Ğ* ³ , *l Canto ž Đ , l Web f T f C f g , É □ Ú ' ±* , μ , Ä □ A □ î • ñ , â *f \ f t f g f E f F f A , l* □ X □ V , đ ž ó , ¯ , é , ± , Æ , ^a , Å , « , Ü , · □ B

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1. □ î • ñ , đ · ž ! , · , é *f l f v f V f ‡ f " , đ f N f Š f b f N , μ , Ü , · □ B*

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{button , AL (`intro' , 0 , ` ' , ` ') } Š Ö ~ A □ € — Ú

Cumulus Browser

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Cumulus Browser

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â,İ’O,É],đ,²ŽQ□Æ%º,³,¢□B

Cumulus Browser

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Server,É,Â,¢,ÄŠw□K,·,é

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[Cumulus Browser,İŽg—p](#)

[Cumulus Internet Media Server](#)

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...□\[](#)

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[ÆŸ□ð](#)

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{button ,AL('intro',0,`,`)}} [ŠÖ~A□€—Ú](#)

Cumulus,İŠÇ—□

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- Cumulus,İf†□[fU“o~^
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- ŠÇ—□□î•ñ,đ•Ž!,μ,ÄfJf^f□fO,İf□fO,đ•Ü'¶
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- Cumulus,İŽ©“R%₀₀»

Desktop Plus,Ü,½,Í□□»•i”Ä,İCumulus Network,đ,“Ž□,¿,ì□ê□‡,Í□AŽŸ,İ'€□ì,à,Ä,«,Ü,·□B

- [fJf^f□fO,Ö,İfAfNfZfX]f_fCfAf□fOf{fbfNfX,İŽg—p
- fT□[fo,Ö,İf□fOfIf“
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—â'è,ì%₀đƎ~•û—@,É,Â,¢,Ä,Í□A[fgf%₀fuf<fVf...□[fefBf“fO],“,æ,Ń[fefNfjfJf<fTfI□[fg],đŽQ□Æ,μ,Ä,-
,¾,³,¢□B

{button ,AL(`administrator',0,`,`) } ŠÖ~A□€—Ú

 Cumulus, ĩŠÇ—□

Cumulus, ĩf†□[fU“o~^

Cumulus Browser, ĩ□A f□fCf„fŠfefBftfŠ□[. ĩf v f□fO f% f€ , Å , . □BCumulus
Browser, » , ĩ , à , ĩ , ĩf†□[fU“o~^ , ð□s , ¢•K—v , ĩ , , è , Ü , ¹ , ñ□B

{button ,AL(`administrator',0,`,`')} ŠÖ~A□€–Ú

 Cumulus, ĩŠÇ—□

fJf^f□fO, ĩ□□□

fJf^f□fO, ĩ□□□, É•K—v, ÈfXfefbfv, ÍÊ%°, ĩ, Æ, ¨, è, Å, ·□B

1. *[fJf^f□fO, Ö, ĩfAfNfZfX]f_fCfAf□fOf{fbfNfX, Å[□V<K], ðfNfŠfbfN, μ, Ä,, ¾, ³, ¢□B*

[fJf^f□fO□□□]f_fCfAf□fOf{fbfNfX, ª\Ž!, ³, è, Ü, ·□B

2. *[fpfX—¼]ftfB□[f<fh, ÉfJf^f□fO, ð•Û'¶, ·, éffBfœfNfgfŠ—¼, ð“ü—Í, μ, Ä,, ¾, ³, ¢□B*

3. *[fJf^f□fO—¼]ftfB□[f<fh, É□AfIfvfVf‡f“, ĩfJf^f□fO—¼, ð“ü—Í, μ, Ä,, ¾, ³, ¢□B*

*ftf@fCf<, ĩ—¼□ĭ, ªSo, ĩ, É,, ¢□ê□‡, â□AŽg—p, μ, Ä, ¢, éOS, ĩ—½—¼<K'¥
, ªÆμ, μ, ¢□ê□‡, Í□A•Ê□ĭ, Æ, μ, ÄfJf^f□fO—¼, ðŠ,, è“—, Ä, Ä, ¨, ·, Æ•Ö—~ , Å, ·□B*

4. *[OK], ðfNfŠfbfN, μ, Ä,, ¾, ³, ¢□B*

ŽŸ, ĩ'€□□, à□s, ª, ±, Æ, ª, Å, «, Ü, ·□B

· *fJf^f□fO, ĩ□□□*

· *fAfvfŠfP□[fVf‡f“□Ý'è, ĩfJfXf^f}fCfY*

· *fJf^f□fOfIfvfVf‡f“, ĩ□Ý'è*

ŽŸ, ĩ, æ, ª, È□ó<μ, ª”□¶, μ, ½□ê□‡, É, Í□A•ĭ□”, ĩfJf^f□fO, ð□□□□, ·, é, ±, Æ, ª, Å, «, Ü, ·□B

· *fIfŠfWfif<ftf@fCf<, ª~ —□“Ĭ, É—³SÖEW, ĩfOf<□[fv, É•ª—p, ³, è, é□ê□‡□B*

· *fJf^f□fOf tf@fCf<fTfCfY, ªª, «,, È, è, ·, ¬, ½□ê□‡□BCumulusfJf^f□fO, ĩfTfCfY, Í□Åª2
GB, É□§ÆÀ, ³, è, Ä, ¢, Ü, ·□B<—e, ³, è, éfœfR□[fh□”, Í□AfTf€fIfCf<, ĩ•iŽ¿/fTfCfY□Ý'è, È, ç, Ń, ÉŠefœfR
□[fh“à, ĩfefLfxfg—Ê□ĭ, ½, Æ, ĩ, ĩ[fm□[fg]ftfB□[f<fh□j, ÉŠĭ, Ä, ¢, ÄÆ~è, ³, è, Ü, ·□B*

{button ,AL('administrator',0,``,``)} ŠÖ~A□€—Ü

 Cumulus, ĩŠÇ—□

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Cumulus, ĩŠÇ—□

[fJf^f□fO,Ö,İfAfNfZfX]f_fCfAf□fOf{fbfNfX,İžg—p

[fJf^f□fO,Ö,İfAfNfZfX]f_fCfAf□fOf{fbfNfX,İ□A,³,Ü,´,Ü,ÈŠÇ—

□f^fXfN,İŠJŽn“_„Ä,·□B[fJf^f□fO,Ö,İfAfNfZfX]f_fCfAf□fOf{fbfNfX,É,İ□AŽŸ,İfIvfVf±f“,a,è,Ü,·
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ŠJ, Šù‘Ŧ,İfJf^f□fOf tf@fCf<,đŠJ,«„Ü,·□BCumulus
ŠÇ—□ŽÒ„Æ„μ„ÄfJf^f□fO,đŠJ,©„È„¢
„Æ□AfJf^f□fO,İ□%Šú□Ÿ“è„İ•İ□X,đŠJŽn„Ä„«„Ü„¹
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LÆø„É„μ„Ü,·□B

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‘İđfJf^f□fO,İ „±„İ□€—Ú„đf`fFfbfN„·„é„Æ□ACumulus
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Client„©„ç□İ□□¬„·„é],đŽQ□Æ„μ„Ä„,¾„³„¢□B

‘İđfJf^f□fO,İ „±„İ□€—
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—L„·„é „Ä„İ□A[Cumulus Internet Media Server„İžg—p]
„đŽQ□Æ„μ„Ä„,¾„³„¢□B

{button „AL(‘administrator‘,0,‘,‘)} ŠÖ~A□€—Ú



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Cumulus Network f T [fo, a, é Š Â «, Å, Í Cumulus Browser, ©, ç □ Å Š Ç —
□ Ž Ò, Æ, µ, Ä f T [fo, É f □ f O f C f “, µ □ A f J f ^ f □ f O, ð □ ì □ ¬, ·, é, ±, Æ, a, Å, «, Ü, · □ B

1. [fXf^f[f]f{f^f",δfNfŠfbfN,μ,Ä[fvf]fOf%f€],δf|fCf"f g,μ□A[Cumulus]□A[Cumulus Browser]
,Ü,½,Í[Desktop PLUS],í□±,É'í'δ,μ,Ä,,¾,¾,³,¢
ftf@fCf<f□fjf...□,ì[fT□[fo,É□Ú'±],δ'í'δ,μ,Ä%º,¾,³,¢□B
 2. fT□[fo,ìTCP/IPf|□[fg"Ô□±,ð•í□X,Ü,½,Í"ü—Í,·,é□ê□±,Í[fIfvfVf±f"],δfNfŠfbfN,μ,Ä,,¾,¾,³,¢□B
[□Ú'±IfvfVf±f"]f_fCfAf□fOf{fbfNfX,a•Ž!,¾,¾,³,ê,Ü,·□B
 3. ffftHf<fg□Ý'è,É,μ,Ä,,·□ê□±,Í[OK],δfNfŠfbfN,μ,Ä,,¾,¾,³,¢□Bf|
□[fg"Ô□±,ð•í□X,·,é□ê□±,í□A□V,μ,¢"Ô□±,ð"ü—Í,μ□A[OK],δfNfŠfbfN,μ,Ä,-
,¾,¾,³,¢□B•í□XÉä□AffffHf<fg,ì"Ô□±,É-ß,·,É,í□A[ffftHf<fg]□A[OK],ì□±,ÉfNfŠfbfN,μ,Ä,-
,¾,¾,³,¢□BfLffff"fZf<,·,é,É,í□A[fLffff"fZf<],δfNfŠfbfN,μ,Ä,,¾,¾,³,¢□B
fT□[fo□[,δ□Ú'±%Ä",É,·,é□ê□±,í□Af|□[fgfif"f□□[,ð-¾,¾,³,é•K—v,a,·,è,Ü,·□BffftHf<fg,Ä,í□Af|
□[fgfif"f□□[,í39287,É,È,Ä,Ä,¢,Ü,·□B¼,ìfT□[fo,Æ,ì,Ô,Ä,©,Ä,Ä'□â,¾,¾,³,é,½□ê□±,É,ì,Y•í□X,δ,μ,Ä,-
,¾,¾,³,¢□B
 4. [□Ú'±fT□[fo],Ä□A□Ú'±□æ,ìfT□[fo,δ'í'δ,μ,Ä,,¾,¾,³,¢□B
 5. [f†□[fU"F□Ø],Ä□A["o~^f†□[fU],δ'í'δ,μ,Ä,,¾,¾,³,¢□B
 6. [f†□[fU-¼]ftfB□[f<fh,É[CumulusAdmin]□A[pfXf□□[fh]ftfB□[f<fh,É[Cumulus],Æ"ü—Í,μ,Ä,-
,¾,¾,³,¢□B
 7. [OK],δfNfŠfbfN,μ,Ä,,¾,¾,³,¢□B
'□: ffftHf<fg,ìŠÇ—□ŽÒf†□[fU-¼,ÆfpfXf□□[fh,ì□Ú□x,í□A□wCumulus NetworkŠÇ—□ŽÒf}
fjf...fAf<□x,ðŽQ□Æ,μ,Ä,,¾,¾,³,¢□B
fJf^f□fo.Ö.ìfAfNfZfX]f_fCfAf□fOf{fbfNfX,aŠJ,«□AÆ»□ÝŠJ,¢,Ä,¢
,é,·,x,Ä,ìJf^f□fo,a²fŠfXfg,¾,¾,³,ê,Ü,·□B<α—L,Ä,,«É,¢fJf^f□fo□i•í□"fNf%oCfAf"f g,aŽg—
p,Ä,,«É,¢fJf^f□fo□j,í□AfCf^fŠfbfN'ì,Ä•Ž!,¾,¾,³,ê,Ü,·□B
- {button ,_AL('administrator',0,'')} ŠÖ~A□€—Ú

Cumulus, ÌŠÇ—

fNf%₀fCfAf“fg, ÌÚ‘±%₀đ□œ

fJf^f□fO, Ìí□œ□A³□k□A, Ü, ½, ÍfŠfXfgfA, È, Ç, Ì, ³, Ü, ´, Ü, ÈfJf^f□fO□C•œ'€□ì, đ□s, ¢
, Æ, «, Í□AfNf%₀fCfAf“fg, đ□Ú‘±%₀đ□œ, μ, Ü, ·□BfNf%₀fCfAf“fg, đ□Ú‘±
%₀đ□œ, ·, é, Æ, «, Í□AfNf%₀fCfAf“fg, ^aí□œ, ³, ê, é, Ü, Å, ÌŽžŠÔ, Æ□Aí□œŽž, ÉfNf%₀fCfAf“fg, É•Ž!, ³, ê, éf□
fbfZ□[fW, đŽw'è, Å, «, Ü, ·□B

fNf%₀fCfAf“fg, đ□Ú‘±%₀đ□œ, ·, é, É, Í

1. *[fNf%₀fCfAf“fg, ÌÚ‘±%₀đ□œ]f_fCfAf□fOf{fbfNfX, ^aŠJ, ¢*
, ½, Ç□AfeLfXfgf{fbfNfX, É•^aP~Ê, ÌŽžŠÔ, đ“ü—Í, μ, Ü, ·□B
2. *[f□fbfZ□[fW]ftfB□[f<fh, Éf□fbfZ□[fW, đ“ü—Í, μ, Ü, ·□B*
3. *[OK], đfNfŠfbfN, μ, Ü, ·□B*

Cumulus, ĩŠÇ—□ fJf^f□fO, ĩ□\□¬

ŽŸ, ĩ□Ý'è, ð□s, ¢, ±, Æ, ¢, Å, «, Ü, ·□B

- fJf^f□fO, ĩ•Ů'¶•Ů—@
- Cumulusf□fO, ð—LÇø/-³Çø
- 1, Å, ĩfJf^f□fO, ĩ□Å'â<—ef□fOfGf“fgfŠ□”
- □'ÇÉftfHf<f, ðŽg—p, μ□AfJf^f□fO, μ, ½ftf@fCf<, ðŽw'è, μ, ½ffBfÇfNfgfŠ, ÉfRfs□[, ·, é□Ý'è
- fJf^f□fOŽž, É□ĩ□¬, ·, éfTfÇfIfCf<, ĩffftfHf<fgfTfCfY
- fJfefSfŠ—¼, ĩ□d•i, ĩ<—%Å
- f†□[fUÇ, ·, æ, ÑfAfNfZfX

fJf^f□fO□\□¬, ĩ, ·, x, ÅfJf^f□fO□fjf...□[, ĩ[fJf^f□fO□Ý'è]f_fCfAf□fOf{fbfNfX, ÅŽw'è, ³, è, Ü, ·□B
fJf^f□fO, ĩfvf□fpfefB, ðŽQ□Æ, Ü, ½, ĩ•ĩ□X, ·, é, É, ĩ

1. fJf^f□fOf□fj...□[, ©, ç[fJf^f□fO□Ý'è], ð'İ'ð, μ, Å, ¾, ³, Ç□B
[fJf^f□fO□Ý'è]f_fCfAf□fOf{fbfNfX, É, ĩ3, Å, ĩf^fu, ¢ŠÜ, Ü, è, Å, Ç, Ü, ·□B
 - ^è”Ê
 - fJf^f□fO
 - ¢—L□Ý'è

f^fu, ð□ø, è'Ö, ĩ, é, É, ĩ□Af^fu, ĩf^fCfGf<, ðfNfŠfbfN, μ, Ü, ·□B

2. f}fEfX, ðŽg, Å, Å'İ'ð, μ□A[“K—p], ðfNfŠfbfN, μ, Å, ¾, ³, Ç□B, ·, x, Å, ĩ'İ'ð, ð—
LÇø, É, μ, ½□ó'Ô, Åf_fCfAf□fOf{fbfNfX, ð•Å, ¶, é, É, ĩ□A[OK], ðfNfŠfbfN, μ, Å, -
, ¾, ³, Ç□BfLfff“fZf<, ·, é, É, ĩ[fLfff“fZf<], ðfNfŠfbfN, μ, Å, ¾, ³, Ç□B

{button ,AL(`administrator', 0, `', `')} ŠÖ~A□€—Ú

 Cumulus, ĩŠÇ—□

 fJf^f□fO, ĩ□\□¬

[fJf^f□fO□Ý'è]f_fCfAf□fOf{fbfNfX, ĩ[ˆê"Ê]f^fu

[ˆê"Ê]f^fu, É, ĨŽŸ, ĩfIfvfvf‡f“, a, , è, Ü, . □B

fIfvfvf‡f“

—Ú“ı

fJf^f□fO□Fftf@
fCf<

Œ»□Ý, ĩfJf^f□fOf tf@fCf<, ĩ•Ů'Ŧ□ê□Š, Æft
f@fCf<—¼, ð•Ž! , μ, Ü, . □B

fJf^f□fO□F—¼' O

fNf% fCfAf“fg, Éĭ, μ, Ä•Ž! , ³, è, éfJf^f□fO—
¼, ð•Ž! , μ, Ü, . □B ŽÀ□Ů, ĩftf@fCf<—
¼, Æ^Ů, È, é□ê□‡, a, , è, Ü, . □B

fJf^f□fO□F•İ□X
Œ<%Ê

fJf^f□fO, É%Ä, ĩ, ½•İ□X, ĩ•Ů'Ŧ•Ů—
@, ðŽw'è, μ, Ü, . □B—
LŒø, ÈfIfvfvf‡f“, É, ĨŽŸ, ĩ, à, ĩ, a, , è, Ü, . □B

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•İ□XŒ<%Ê, ð, ., ®, É•Ů'Ŧ, ., é□BfJf^f□fO,
ÉŠŌ, ., é“à—
e, ĩ•İ□X, ð¹¼, ĭ, ÈfffbfXfN, É□', «□Ž, Ý, Ü, .
□B

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•İ□XŒ<%Ê, ðŒă, Ä•Ů'Ŧ, ., é□B, ±
, ĩfIfvfvf‡f“, ĨŽÀ□s, a, ¬, ĭ•A^À'S□«, ÉŒ
‡, ¬, Ü, . □B Vfxfe€
, a, ĩ¹, μ, ½□ê□‡□AfJf^f□fO, ð□Ä□\z, ., é•
K—v, a□Ŧ, Ŧ, é, ©, à, μ, ê, Ů, ¹, ñ□B

fJf^f□fO□F□í□
œ, μ, ½fŒfR□[fh, ð
•œŠ~%Ä“, É, ., é

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ĭ•Ž! , ³, è, Ů, ¹, ñ, a□AfJf^f□fO, ©, ĭ□í□œ, ³, è, é, ĭ,
, Ä, ĩ, , è, Ů, ¹, ñ□BfJf^f□fOf□fj f...
□[, ©, ĭ□í□œfŒfR□[fh, ð•œŠ~]
, ð'İð, ., é, Æ□A, ., x, Ä, ĩ□í□œ, μ, ½fŒfR□[fh, ð•
œŠ~, Ä, «, Ü, . □B

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Ů, ðf`fFfbfN, ., é, Æ□AfNf% fCfAf“fg, aJf
^f□fO, Éĭ, μ, Ä□s, È, Ä, ½“à—
e, a f□fOf tf@fCf<, É<L~^, ³, è, Ů, . □B[On]
, ð'İð, μ, ½□ê□‡, ĩ□A□Ä<L~^□”]ftfB□[f<fh,
É□ARAMfx□[fX, ĩf□fO, É•Ů'Ŧ, μ□AŠÇ—
□ŽÖfEfBf“fhfE, Ä•Ž! , Ä, «, é□Ä'âfGf“fgfŠ
□”, ð“ü—
ĭ□A“o~^, μ, Ü, . □BRAMfx□[fX, ĩf□fO, ĭ□A[f□f
O, ð•Ů'Ŧ, ., é]□İ~È%°ŽQ□Æ□j, Äf□fOf tf@fC
f<, ðŽw'è, μ, È, ĭ
, ©, ¬, è□AfJf^f□fO, ð•Ä, Ŧ, ½ŽŽ“_ , Ä•Ů'Ŧ, ³, è, Ů, ¹,
ñ□B

□Ů□x, É, Ä, ĭ, Ä, ĩ□A[ŠÇ—
□ŽÖfEfBf“fhfE, ĨŽg—p—@, É, Ä, ĭ, Ä]
, ðŽQ□Æ, μ, Ä, , ¾, ¾, ĭ□B

f□fO, ð•Ů'Ŧ, ., é

—LŒø, ÈfIfvfvf‡f“, É, ĨŽŸ, ĩ, à, ĩ, a, , è, Ü, . □B

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f□fO, ð•Ů'Ŧ, ., é□B, ±, ĩ□€—

Ú,đf`fFfbfN,·,é,Æ□AfJf^f□fO,đ•Â,¶,
½,Æ,«,É□Af□fOfGf“fgfŠ,ªŽw'è,μ,½ft
f@fCf<,ÉŽ©“®“l,É•Ů'¶,³,ê,Ů,·□Bf□fOf
f@fCf<,l—e—Ê,ª'ă,«,¢
,Æ□AfJf^f□fO,đŠJ,-
,l,ÉŽžŠÔ,ª,©,©,è,Ů,·,ª□Af□fO,lĚp'±□ó'
Ô,ª•Žl,³,ê,Ů,·□Bftf@fCf<fx□[fX,l̇f□fO
,í□A[f□fO,đ•Ů'¶,·,é],đflft,É,μ,Ê,¢
,©,¬,è'□'ă,μ'±,¬,Ů,·□B
· ftf@fCf<,đ□í,É□Å□V,É,·,é□B,±,ì□€-
Ú,đf`fFfbfN,·,é,Æ□AfJf^f□fO,É•ĭ□X,
ª%oÁ,!,ç,ê,é,Æ“Žž,É□AfGf“fgfŠ,đf□f
Of tf@fCf<,É•Ů'¶,μ,Ů,·□B

{button ,AL(`administrator',0,`,`')} ŠÖ~A□€-Ú

 Cumulus, ÌŠÇ—□

 fJf^f□fO, Ì□□□

[fJf^f□fO□Ý'è]f_CfAf□fOf{fbfNfX, Ì[fJf^f□fO]f^fu

[fJf^f□fO]f^fu, É, ÌŽŸ, ÌfIfvVf±f“, „, è, Ü, „□B

[□‘ÆÉftfHf<f_□Ý'è]

ŠÇ—

□ŽŌ, Í□AfJf^f□fO, μ, ½ftf@fCf<, „□ACumulus, ÅŽw'è, μ, ½

□‘ÆÉftfHf<f_, ÉfRfs□[„, è, é, æ, „, ÉCumulus

, ð□Ý'è, Å, «, Ü, „□B□‘ÆÉftfHf<f_—

LCÆø, ÉfIfvVf±f“, É, ÌŽŸ, Ì, à, Ì, „, è, Ü, „□B

[□s, Ì, È, Ç], ðf`fFfbfN, „, é, Æ□A□‘ÆÉftfHf<f_ Ì<@“„, „—

³Æø, É, È, è, Ü, „□B

[fJf^f□fOfIfvVf±f“, É□], „]

, ðf`fFfbfN, „, é, Æ□AfJf^f□fOf@fCf<, ð□‘ÆÉftfHf<f_

ÉfRfs□[„, é, ©□AÆ³, Ì□ê□Š, ÉŽc, μ, Å, „, -

, ©, ðŠefNf%□fCfAf“fg“„, Å'Ì, Å, «, Ü, „□B, ±

, ÌfIfvVf±f“, ð'Ì, ð, μ, ½□ê□±□A□‘ÆÉftfHf<f_ ðŽw'è, „, é, æ, „

f□fbfZ□[fW, „, Ž!„, è, Ü, „□B

[□s, „]

, ðf`fFfbfN, „, é, Æ□AfJf^f□fO, μ, ½ftf@fCf<, Ì, ©, È, Ç, „□‘Æ

ÉftfHf<f_ ÉfRfs□[„, è, Ü, „□B, ±

, ÌfIfvVf±f“, ð'Ì, ð, μ, ½□ê□±□A□‘ÆÉftfHf<f_ ðŽw'è, „, é, æ, „

f□fbfZ□[fW, „, Ž!„, è, Ü, „□B

fIfCfefBfufTfCfY

, ±, Ì□€—

Ú, ðf`fFfbfN, „, é, Æ□AfJf^f□fOŽž, É□ì□□—, „, éTf€fIfCf<, Ì

ffftfHf<fgfTfCfY, ð□Ý'è, Å, «, Ü, „□B—

LCÆø, ÉfIfvVf±f“, ÌfsfNfZf<Ì, Í□A96□~96□A128□~128□A

192□~192, ÌŽž—B, Å, „□BfTfCfY, „, Å, «, Ç

, ÆfTf€fIfCf<, Ì, Ž!fTfCfY, ð, Ì□X, μ, Å, à'N—

¾, ÉÇ©, Ì, „, „□A“½Ì, É□AfJf^f□fO, Ì—e—Ê, „, Ì, é, ±

, Æ, É, È, è, Ü, „□B

'Ì, ð, μ, ½fTf€fIfCf<fTfCfY, „□AfJf^f□fOŽž, ÌffftfHf<fgfT

fCfY, É, È, è, Ü, „□BfNf%□fCfAf“fg, Ì•ÊfÇfR□[fhfEfBf“fh

fE, ÌfTf€fIfCf<, Ì, Ž!fTfCfY, ð, Ì□X, Å, «, Ü, „, „□AŽÀ□Ú, Í□A□ì

□~Žž, ÌfTfCfY, ©, ÇfXfP□[f<, „, è, Ü, „□B

□È—

„Žž□Ý'è, ð, Ì□X, μ, Å, à□AfJf^f□fO“à, ÌŠù“„, ÌfÇfR□[fh, Ì•Ì%„

», μ, Ü, ¹□□B□V<KfÇfR□[fh, ÌfTf€fIfCf<, Í□A•Ì□XÇÈ, Ì□Ý'è

, É, μ, ½, „, Ç□ì□□—, „, è, Ü, „□B

fJfefSfŠ—¼

fJfefSfŠ—¼, ÌfIfvVf±f“, Í□AfJfefSfŠ—

¼, Ì□d•i, ð“F, ß, é, ©“F, ß, È, Ç, ©, ÌŽw'è, ð, μ, Ü, „□B—

LCÆø, ÉfIfvVf±f“, É, ÌŽŸ, Ì, à, Ì, „, è, Ü, „□B

• □d•i, ð“F, ß, é

[□d•i, ð“F, ß, é], ðf`fFfbfN, „, é, Æ□A•i□, ÌfJfefSfŠ, É“—, „—

¼“O, ðŽg—p, Å, «, Ü, „□B, ½, ¾, μ□A□d•i, μ, ½fJfefSfŠ—¼, ð“ü

—Í, „, é□ê□±, Í□A, „, x, Å, ÌfpfX, ðfRf□f“, Å<æ□Ø, Å, Å, -

, ¾, ¾, Ç□B, ±, „, μ, È, Ç, Æ□A□Å□%, ÉÇŸ□ð, μ, ½fJfefSfŠ, „Žg

—p, ¾, è, Å, μ, Ü, Ç

, Ü, „□Bfhf%□fbfO&fhf□fbfv, Å€□ì, „, é□ê□±, Í□ApfX, Ì•s

—v, Å, „□B

· □d•i,ǎ"Ƒ,β,È,¢(f†fj□[fN)

[□d•i,ǎ"Ƒ,β,È,¢(f†fj□[fN)],ǎf`fFfbfN,·,é,Æ□AfJfefSfŠ–
¼,l□d•i,ǎÖŽ~,μ,Ü,·□BŠù,ÉŽg—p,μ,Ä,¢,é–¼'O,ǎS,,,é"–
,Ä,æ,α,Æ,·,é,Æ□AÆx□□f□fbfZ□[fW,^aǎŽ!,³ê,Ü,·□B,±
,lflfvfVf‡f",ǎ—LÆø,É,μ,Ä,à□AŠù'¶,lJfefSfŠ,É%œ<ç,Í, ,
è,Ü,¹,ñ□B

{button ,AL(`administrator',0,`,`) } ŠÖ~A□€–Ú

[fJf^f□fO]f^fu

Šù‘Ŧ,ìfƎfR□[fh,ìfTfƎflfCf◁fTfCfY,đ□X□V,·,é

1. □X□V,·,éƎfR□[fh,đ‘l’đ,μ,Ä,,³/₄,³,¢□B

2. fƎfR□[fhf□fjf...□[,©,ç[□X□V]□A[◁□S□X□V],ì□‡,É‘l’đ,μ,Ä,,³/₄,³,¢□B

‘l’đ,μ,¹/₂fƎfR□[fh,ì□V◁KfTfƎflfCf◁,^a□ì□¬,³,ê,Ü,·□B

 Cumulus, ĩŠÇ—□

 fJf^f□fO, ĩ□□¬

[fJf^f□fO□Ý'è]f_fCfAf□fOf{fbfNfX, ĩ[<α—L□Ý'è]f^fu

[<α—L□Ý'è]f^fu, Ā, ĩ□AfJf^f□fO, Ö, ĩfAfNfZfX, ÉŠÖ, ., é, ³, Ü, ´, Ü, È□Ý'è, ª, Ā, <, Ü, .□BSeIfvfVf‡f“, ĩ□A, ²Žg—p, ĩCumulus, É, æ, Ā, ĀˆÜ, É, è, Ü, .□B, ²—~—p, Ā, <, éfIfvfVf‡f“, ĩ^É%°, ĩ'É, è, Ā, .□B

fAfNfZfX□iDesktop/Desktop
Plus, ., æ, ÑNetworkfT□[foŠÇ
—□ŽÖ□j

[□', <□ž, Ý—
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, Ā, <, Ü, .□BfpfXf□□[fh, đ“ü, é, È, ¢
, Æ□AfJf^f□fO, ªf□fbfN, ³, è, ½□ó'Ô, ĀŠJ, <, Ü, .□B

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□E[fJf^f□fO, đWeb<α—L, ., é]□iDesktop
Plus, ., æ, ÑNetworkfT□[foŠÇ—□ŽÖ□j
fJf^f□fO, đ□ACumulus Internet Media
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, Ā□AWebfu f%□EfU, ©, ¢fAfNfZfX, Ā, <, é, æ, ª
, É, µ, Ü, .□BDesktop PLUSf†□[fU, ª, ±, ĩfIfvfVf‡f“, đŽg—
p, ., é, ½, ß, É, ĩ□A[CIMS.exe], đ<N“@, µ, Ā, ., •K—v, ª, , è, Ü, .□B

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NfZfXÆ, đ□Ý'è, Ā, <, Ü, .□B

 Cumulus, ĩŠÇ—□

□', <□ž, Ý—pfpfXf□□[fh(ŠÇ—□ŽÖ, ĩ, Ý)

□', <□ž, Ý—pfpfXf□□[fh, ĩ□A[fJf^f□fO□Ý'è]f_fCfAf□fOf{fbfNfX, ĩ[<α—L□Ý'è]f^fu, Ā□Ý'è, µ, Ü, .□B

[□', <□ž, Ý—pfpfXf□□[fh], É□A□', <□ž, Ý—hŽ~fJf^f□fO, đ□ĩ□¬, ., é, ½, ß, ĩfpfXf□□[fh, đ□Ý'è, µ, Ü, .□B

 Cumulus,İŞÇ—□

fJf^f□fO,İ“®□ì□ó<μ,İŠĂŽ<

*fJf^f□fO,İfAfNfefBfrfefB,İŞÇ—□ŽÒfEfBf“fhfE,©,çf,fjf^□[,Ă,«,Ü,·□B^ê"Ê,ÉŞÇ—
□ŽÒfEfBf“fhfE,Ă,ÎÈ%°,İ,±,Æ,ðf,fjf^□[,μ,Ü,·□B*

- *fJf^f□fO,ðŠJ,¢,½□i•Ă,ŋ,½□j□ó<μ*
- *'Ç%Á□A□í□œ□A□C□³,μ,½fƎfR□[fh*
- *ftf@fCf<,ª"]'—,³,ê,½□ó<μ*
- *fJfefSfŠ,ª□C□³,³,ê,Ă,¢,é,©,Ç,ª,©*
- *fXfe□[f^fXfŠfXfg,ª□C□³,³,ê,Ă,¢,é,©,Ç,ª,©*

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 Cumulus, ÌŠÇ—□

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ŠÇ—□ŽÒ□î•ñ, Ì•Ž!

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ŠÇ—□ŽÒfEfBf“fhfE, ðŽg—p, ·, é

· ŠÇ—□ŽÒfEfBf“fhfE, ÊfAfNfZfX, ·, é, Ê, Í□AfJf^f□fO, ðŠJ, «□A•Ž!f□fjf ... □[, ©, ç[ŠÇ—□ŽÒf, □[fh]
, ð! 'ð, μ, Ü, ·. □B

ŠÇ—□ŽÒfEfBf“fhfE, Å•Ž! ,³, ê, Ü, ·. □B

Œ»□Ýf□fOfCf“, μ, Ä, Ç, é, ·, x, Ä, Ìf†□[fU, Ì—¼'O, ^a□AfEfBf“fhfE, Ì□¶! , Ì[f†□[fU]

—“, Ê•Ž! ,³, ê, Ü, ·. □BfEfBf“fhfE, Ì% E'¤

, Ê, Í□AfJf^f□fO, ÌfAfNfefBfrefB, Ì□Ú□×□î•ñ, ^afŠfXfg, ³, ê, Ü, ·. □BSë

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fEfBf“fhfE, Ì□ã! , Ê, Í□AŽŸ, Ì, æ, ¢, Ê□d—v, Ê□î•ñ, Å•Ž! ,³, ê, Ü, ·. □B

· □í□œfŒfR□[fh□”

· fJf^f□fO, Ìf□f, fŠ, Ì◄ó, «—e—Ê

· fffBfXfN◄ó, «—e—Ê (□Ú□×, Í□ufŒfR□[fhfTfCfY, ÌŒ~è—v! □v, ðŽQ□Æ, μ, Ä%^o,³, Ç)

· f□f, fŠ, Ì◄ó, «—e—Ê□AŽg—p—e—Ê□A□, □s—e—Ê

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1. •Ž!f□fjf ... □[, ©, ç[fAfvfŠfP□[fVf‡f“□Ý'è], ð! 'ð, ·, é□B


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2. [~è”Ê]f^fu, ð! 'ð, ·, é□B

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 Cumulus, İŞÇ—□

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¶]fRf}}f"fh,ðŽg,Ä,ÄfefLfXfgftf@fCf<,É·Ů·¶,μ,É,¢ÆÄ,è□A·Ž'í,μ,Ä,¢,éf□fO,í·Ů·¶,³,è,Ü,¹,ñ□B

f f O f t f @ f C f ĸ, đ • Ů ‘ Ȧ , . , é , É , Í

$$\cdot \quad f \mathbb{J} f^{\wedge} f \square f \mathbb{O} f \square f j f \dots \square [\textcircled{\text{C}}, \mathfrak{z}[f \square f \mathbb{O}, \mathfrak{d} \bullet \hat{\mathbb{U}} \ulcorner \mathbb{I}], \mathfrak{d} \text{ ' l } \mathfrak{d}, \mu, \ddot{\mathbb{U}}, \cdot \square \mathbb{B}$$

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{button ,AL(`administrator',0,`,`')} ŠÖ~A□€–Ú
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 Cumulus, İŞÇ—□

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,é,Æ□İ—â□F192□~192fsfNfZf<□j□AftfCfY,İ70 MB,Æ‘â,«„è•İ%»„μ,Ü,·□B

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Cumulus, ĨŠÇ—□

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, ^{a'}á%°, ·, é, ±, Æ, Í, , è, Ü, ¹ñ, ^a□AfJf^f□fO, ^a•s—v, É'□'ā, μ, Ā, μ, Ü, Ç, Ü, ·□BfJf^f□fO, ð³□k, ·, é, Æ□A, ±, α, μ, ½—ÇŽg
—p, ĩ—e—Ê, ðŽæ, è—ß, ·, ±, Æ, ^aĀ, «, Ü, ·□B

³□k'†, ÍfJf^f□fO, ð'¼, ĩf†□[fU, É<α—L, ³, ¹, é, ±, Æ, Í, Ā, «, Ü, ¹ñ□B, ±, ĩ, ½, ß□A'N, àŽg—p, μ, Ā, Ç
, Ê, ÇfJf^f□fO, ð³□k, ·, é, ĩ, ^{a—3"}i, Ā, ·□B

³□k, É, æ, è□A□í□œ, μ, ½fÇfR□[fh, Í%oi<v, ÉfJf^f□fO, ©, Ç□í□œ, ³, è, Ü, ·□BfJf^f□fO³□kĖã, Í□A□í□œf
ÇfR□[fh, ð•œŠ^{3, 1}, é, ±, Æ, Í, Ā, «, Ê, È, è, Ü, ·□B

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1. *•Ž!f□fjf ... □[©, Ç[ŠÇ—□ŽÒf, □[fh], ð'!ð, μ, Ā,, ³/₄, ³, Ç□B*

2. *fJf^f□fOf□fjf ... □[©, Ç[³□k], ð'!ð, μ, Ā,, ³/₄, ³, Ç*

ŽÀ□s, ðŠm" F, ·, éf_fCfAf□fO, ^a•Ž!,, ³, è, Ü, ·□B•œŠ[^], Ā, «, é□í□œ, μ, ½fÇfR□[fh, ^{a3}□k□ì<Æ, É, æ, èŽ,, í, è, é
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3. *OK, ðfNfŠfbfN, μ, ĀŽŸ, É□i, Ý, Ü, ·□B*

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Cumulus, ĩŠÇ—□

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2. WindowsfGfNfXfvf□□[f%°,©,çfJf^f□fOftf@fCf<,đ'l'đ,μ,Ä,,¾,³,¢□B
3. •Ê,İf{fŠf...□[f€,Ü,½,İfhf%°Cfu,ì•Ů'¶□æ,É□AfJf^f□fO,ĭfofbfNfAfbfv,đfRfs□[,μ,Ä,,¾,³,¢□B

fofbfNfAfbfvfRf}f“fh,đŽg—p,·,é,É,Í^È%°,İžè□±,É□[,Ä,Ä%°,³,¢□B

1. fofbNfAfbfv,·,éJf^f□fO,đŠJ,¢,Ä,,¾,³,¢□B
2. fJf^f□fO□fj...□[,©,ç[fofbNfAfbfv,đ□ì□¬],đ'l'đ,μ,Ä,,¾,³,¢□B

fofbfNfAfbfvfRfs□[,đ•œŠ^,³,¹,é□ifŠfXgfa,·,é□j

1. fpftfH□[f}f“fX,đ□Åª,É,·,é,É,Í□AfofbfNfAfbfvfRfs□[,đfn□[fhffBfXfN,É^Ů“@,μ,Ü,·□B
2. fofbNfAfbfvfRfs□[,đf_fuf<fNfŠfbfN,μ,Ä,,¾,³,¢□B
,±,è,ªfofbfNfAfbfvfRfs□[,Ä,·,é,±,Æ,đŽ!,·f_CfAf□fOf{fbfNfX,ª•Ž!,³,è,Ü,·□B
3. fofbNfAfbfvfRfs□[,©,ç□V<KfJf^f□fO,đ□ì□¬,·,é□ê□±,Í[,Í,¢],đfNfŠfbfN,μ,Ä,,¾,³,¢□B
□V<KfJf^f□fO,đ•Ů'¶,·,é,æ,ªf□fbfZ□[fW,ª•Ž!,³,è,Ü,·□B
4. □V<KfJf^f□fO,ì-¼□ì,Æ•Ů'¶□æ,đ“ü—Í,μ□AOK,đfNfŠfbfN,μ,Ü,·□B

Cumulus,ªfJf^f□fO,ÆfCf“fffbfNfX□î•ñ,ì□Ä□\□¬,đŠJŽn,μ,Ü,·□B□Š—
vŽžŜÔ,İŽâ,É□AfJf^f□fO,É•ŮŠÇ,³,è,Ä,¢,éféfR□[fh,ì□”—Ê,ÆŽg—p,μ,Ä,¢,éfvfXfef€
,İ“@□ì‘¬“x,ÉŜÔÆW,μ,Ü,·□B

{button ,AL(`administrator',0,`,`')} ŠÖ~A□€—Ú

 Cumulus, ÌŠÇ—□

□í□œ,μ,½ftf@fCf<,ð•œŠ^{^,3,1,é,É,Í}

^È%°,ì□ðŒ□,ð-ž,½,μ,Ä,¢,é□ê□‡,É□A□í□œ,μ,½fŒfR□[fh,ð•œŠ^{^,3,1,é,±,Æ,a,Ä,«,Ü,·}□B

- fJf^f□fO□Ý'è,ì[□í□œfŒfR□[fh,ð•œŠ^{^%Ä"}\\É,·é],af`fFfbfN,^{3,é,Ä,¢,é}□B
- ftf@fCf<,ðfŒfR□[fh,Æ<α,É□í□œ,μ,Ä,¢,È,¢□BfIfŠfWfif<ftf@fCf<,a□í□œ,^{3,é,Ä,¢},é,Æ□AfŒfR□[fh,ð•œŠ^{^,3,1,é,±,Æ,Í,Ä,«,Ü,1,ñ}□B
- fŒfR□[fh,ð□í□œ,μ,½Œã□AfJf^f□fO,ð^{^3}□k,μ,Ä,¢,È,¢

□í□œ,μ,½fŒfR□[fh,ð•œŠ^{^,3,1,é,É,Í}

1. fJf^f□fO,ðŠJ,¢,Ä,,^{3/4,3,¢}□B
2. ŠÇ—□ŽÒf□fjf...□[,©,ç[□í□œfŒfR□[fh,ì•œŠ[^]],ð'l'ð,μ,Ä,,^{3/4,3,¢}□B
,±,ìŽž“_,ÄfJf^f□fO,ðŽg—p,μ,Ä,¢,éfNf%ofCfAf“fg,^{a1}□l,Ä,à,¢,é□ê□‡,í□A□Ú'±
,ð%ð□œ,·,é,æ,αf□fbfZ□[fW,^a•Ž!,^{3,é,Ü,·}□B

{button ,AL(`administrator',0,`,`')} ŠÖ~A□€-Ú

 Cumulus, ĩŠÇ—

fJf^f fO, ĩfRfs [

^ê"Ê, ĩftf@fCf<, Æ"̂, ¶, æ, ¢, É□ACumulus, ĩfJf^f fO, đfRfs□[μ, ½, è^Ú"®,^{3,1}, é, ±, Æ,^a, Å, «, Ü, ·□B

fJf^f fO, đfRfs □[, ·, é□û, íŽŸ, ĩ"̂_É—^Ó, μ, Ä,,^{¾,3}, ¢□B

· *fJf^f fO, đŽg—p, μ, Ä, ¢, éCumulusf†* □[fU,^a1□l, Å, à, ¢
, é□ê□‡, í□AfJf^f fOf^{tf}@fCf<, đfRfs□[Ü, ½, í^Ú"®,^{3,1}, é, ±, Æ,^a, Å,,^{¾,3}, ¢□B, ±
, ĩ□ê□‡□AfJf^f fO,^aj¹, ·, é, ", »^a, , è, Ü, ·□B

.

fJf^f fO, đfRfs □[, ·, é'O, É□AfJf^f fOfEfBf"fhfE, đ•Â, ¶, Ä□Af□f, fŠ, É•ûŠÇ,³, ê, ½•ĭ□X, đ, ·, x, Ä•û"¶,
μ, Ä,,^{¾,3}, ¢

{button ,AL(`administrator',0,`,`) } ŠÖ~A□€—Ú

 Cumulus, ĹŠÇ—

fJf^f fO, ĩ•ªŠ,,

ŽŸ, ĩ, æ, ¢, È □ ó μ, Å, Í □ A1, Â, ĩ fJf^f fO, ð2, Â □ A, Ü, ½, ĩ, » , ê`È □ ã, É•ªŠ,,, ·, é, ĩ, ¢ □ D, Ü, μ, ¢ □ ê □ ‡, ¢, ¢, è, Ü, · □ B

· *fJf^f fO, ¢ª, «, ·, ¬, é □ BCumulus, ĩ1, Â, ĩ fJf^f fOf tf@fCf<, ĩ—e—Ê, Í □ Å'å2 GB, Å, · □ B*

· *fJf^f fO, É•ÜŠÇ, μ, Ä, ¢, é fÇfR □ [fh, ĩ □", ¢ª½%ß, ¬, é, ½, ß □ ACumulus, ĩ □ «" \, ¢ªÉ'[, É'á%º, μ, Ä, μ, Ü, ¢ □ B*

*fJf^f fO, ð•ªŠ,,, ·, é □ ê □ ‡, Í □ A, Å, «, é, ©, ¬, è~ — □ "I, É □ A•ª, ©, è, â, ·, ¢ª—p, μ, Ä,, ¾, ¾, ¢ □ BŽŸ, ĩ, ¢,, ·, é, ©, ĩ•û—
@, Å fJf^f fO, ð•ªŠ,,, Å, «, Ü, · □ B*

· 1, Â, ĩ fJf^f fO, ©, ¢ fÇfR □ [fh, ð, ¢, -
· Å, ©, Ü, Æ, ß, Ä' ĩ ð, μ □ Afhf%fbfO&fhf □ fbfv, Å•Ê, ĩ fJf^f fO, É`Ú"®, ·, é □ B

· *ftf@fCf<f □ fjf ... □ [, ©, ¢ [□', « □ o, μ "Ç, Ý □ Ž, Ý]
· ð' ĩ ð, μ □ AfJf^f fO, ĩ' ¢•ª, ĩ fÇfR □ [fh, ð`ê "x, É`Ú"®, ·, é □ B*

{button ,AL(`administrator',0,`,`)} ŠÖ~A □ €—Ú

 Cumulus, ÌŠÇ—□

fJf^f□fO, ÌÆ<□‡

fIfŠfWfif<ftf@fCf<, ð•î%»», ³, 1,, ÉfJf^f□fO, ðfRfs□[□A•ªŠ,, □AÆ<□‡, ·, é, ±, Æ, ª, Å, «, Ü, ·. □B

*fJf^f□fO, ÌfJfefSfŠ, ÆfÆfR□[fh, ð•Ê, ÌfJf^f□fO, ÉfRfs□[, ·, é, ±, Æ, Ê, æ, è, □A2, Â`È□â, ÌfJf^f□fO, ð1, Â, ÌfJf^f□fO, ÉÆ<□‡, Å, «, Ü, ·. □BfJfefSfŠ, ÆfÆfR□[fh, ðfRfs□[, ·, é•
û—@, íŽŸ, Ì“ñÊ, è, , è, Ü, ·. □B*

- *fhf%fbfO&fhf□fbfv*
- *[□', «□o, w/“Ç, Ý□ž, Ý]fRf}f“fh, ð'l'ð, ·, é□B*

2, Â`È□â, ÌfJf^f□fO, ðÆ<□‡, ·, é□ê□‡, ÌkK`¥

- *ŠefJf^f□fO, É‘¶□Ý, ·, éfJfefSfŠ, Ì—¼□Ì, ªÆÂ•Ê, Ì, à, Ì, Å, , è□A fÆfR□[fh, ª□d•j, µ, Ä, ¢, Ê, ¢□ê□‡, Í□A'P□f, Ê•Ð•û, ÌfJf^f□fO, ©, çÆ<□‡□æ, ÌfJf^f□fO, ÉfÆfR□[fh, ðfhf%fbfO&fhf□fbfv, ·, é□B*
- *fJf^f□fOŠÔ, Å•ª`Ê, Ì—¼□Ì, ðž□, ÂfJfefSfŠ, ª“¶□Ý, ·, é, ª□A fÆfR□[fh, âŠK`w, Í`Ù, È, é□ê□‡, Í□AŠefJfefSfŠ, ðÆÂ•Ê, É`Ú“®, ·, é□B*
- *ŠefJf^f□fO, É‘¶□Ý, ·, éfJfefSfŠ, Ì—¼□Ì, ªŠ®`S, É`Ù, È, é□ê□‡, Í□A'P□f, Ê, ·, x, Ä, ÌfJfefSfŠ, ðV<KfJfefSfŠ, ÉfRfs□[, ·, é□B*

{button ,AL(`administrator',0,`,`')} ŠÖ~A□€–Ú

Cumulus, ĩŠÇ—□

□î•ñ, ĩfA□[fJfCfu

^ê"Ê,ÉŠé<Æ,Â,í□A1,Â,ß, ĩfJf^f□fO, í□»•iftf@fCf<—p□A2,Â,ß, ĩfA□[fJfCfu, đŠÇ—□, ,é, ½,ß□A,Æ,¢,¤,æ,ª,É•i□", ĩfJf^f□fO, đ~ŮŽ□,µ,Ä,¢,Ů, ,□BCumulus, đŽg—p, ,é,Æ□Aftf@fCf<, đfłftf%□fCf",É"-□s,µ,½,è□A [ftf@fCf<fŠftf@fÆf" fX,đ□X□V](#),µ,Ä,Â□A,»è,đÆY□đ,µ,½,èŽæ,è□Ž,ª,±,Æ,à,Ä,«Ů, ,□B

ftf@fCf<,đfA□[fJfCfu, ,éê"ÊŽè□±, ĩŽY, ĩ,Æ, ",è,Â, ,□B

1. fA□[fJfCfu, ,éftf@fCf<,đ□A□V<Kf□ffBfA,ÉfRfs□[, ,æ,Ñ□A,Ů,½, ĩ^Ů"® ,µ,Ä, ,¾,¾,¢□B
2. fA□[fJfCfu—p, ĩfJf^f□fO, đ□i□¬,µ□AfJfeSfŠ□AfÆfR□[fh, ĩ□±,ÉfRfs□[,µ□AfA□[fJfCfo—p, ĩfJf^f□fO,ÉÆ<□±,µ,Ä, ,¾,¾,¢□B Ů□x,É,Ä,¢,Ä, í□A [\[fJf^f□fO,đÆ<□±, ,é\]](#), đŽQ□Æ,µ,Ä, ,¾,¾,¢□B
3. Æ<□±Æã, ĩfJf^f□fO, đ□V<Kf□ffBfA,É [fRfs□](#) [,µ□A, ,x,Ä, ĩftf@fCf<fŠftf@fÆf" fX,đ [□X□V](#),µ,Ä, ,¾,¾,¾,¢□B
4. □»•ifJf^f□fO,©,çfA□[fJfCfu,µ,½fÆfR□[fh,É•s—v,È,à, ĩ^a, ,ê, í□A [í□œ](#),µ,Ä, ,¾,¾,¾,¢□B


'¼, ĩ"Ç,Ý,Æ,è□ê—pf□ffBfA,Æ"—I□ACD-ROM,ÉfA□[fJfCfu, đ□i□¬, ,é,É, í□AŽ—'O,É, ,x,Ä, ĩ□î•ñ^a□³,µ, -□Y'è³,è,Ä,¢,È, ,ê, ĩ,È,è,Ů,¹,ñ□B [CD-ROM,É, ĩMacintoshftf@fCf<,Ä,àWindowsftf@fCf<,Ä,à•Ů"¶,Ä,«Ů, ,□B](#)

CD-ROM,ÄfA□[fJfCfu, đ□i□¬, ,é□ê□±, ĩ□AŽY, ĩŽè□±,É□],Ä,Ä, ,¾,¾,¾,¢□B

1. fef"fłf%□Š,Èf{fŠf...□[f€/fhf%□fCfu, đ□i□¬,µ□A□Ä□I"İ,ÈCD-ROM, ĩ—¼'Ů, đ•t, ,Ä, ,¾,¾,¾,¢□B
2. fA□[fJfCfu, ,éJf^f□fO, ,æ,Ñftf@fCf<,đ□Af{fŠf...□[f€/fhf%□fCfu,ÉfRfs□[, ,æ,Ñ□A,Ů,½, ĩ^Ů"® ,µ,Ä, ,¾,¾,¾,¢□B
3. fA□[fJfCfuJf^f□fO"à,Ä, ,x,Ä, ĩftf@fCf<fŠftf@fÆf" fX,đ [□X□V](#),µ,Ä, ,¾,¾,¾,¢□B
4. f{fŠf...□[f€/fhf%□fCfu, ĩ"à—e,^aŠŮ,Ů,ê,Ä,¢,é□V<KCD, đ□i□¬,µ,Ů, ,□BCD, ĩ—¼□ ĩ, í□Af{fŠf...□[f€/fhf%□fCfu, ĩ—¼□ ĩ,Æ"—,¶,Ä, ,é" _É'□^Ů,µ,Ä, ,¾,¾,¾,¢□B

{button ,AL(`administrator',0,`,`) } ŠÖ~A□€—Ů

 Cumulus, ĹŠÇ—

 ĩî•ñ, ĩfA [fJfCfu

fnfCfufŠfbfhCD-ROM, ð ĩ ĩ -, ·, é

Macintoshftf@fCf<,ÆWindowsftf@fCf<, ĩ—¼•û, ðCD-ROM, ÉfA [fJfCfu, ·, é ĩ ĩ ‡ ĩ A•K, ŽŸ, ĩ, ¢
,, ê, ©, ĩftf@fCf<fVfXfef€ , ĩ'g, Ÿ ĩ ‡, ĩ, ¹, ðŽg—p, µ, Ä, ¾, ³, ¢ ĩ B

- ISO 9660ftf@fCf<fVfXfef€ ĩiJolietŠg'Éftf@fCf<•t ĩj,ÆMacOS HFSftf@fCf<fVfXfef€
, ðŠŮ, pfnfCfufŠfbfhCD-ROM
- ISO 9660 CD-ROM ĩiJolietŠg'Éftf@fCf<, È, µ ĩj

ĩăĽˆÈŠO, ĩ'g, Ÿ ĩ ‡, ĩ, ¹, ðŽg—p, µ, ½ ĩ ĩ ‡ ĩ AOSfVfXfef€, ĩ—½—¼ĽK—ñ, ¢
ˆˆö, µ ĩ A, Ç, ç, ©, ĩvf%fbfgftfH [f€ ĩă, Åftf@fCf<, ĩŒŸ ĩ ð, ÉŽx ĩă, ¢ ĩ ¶, ¶, Ü, · ĩ B

{button ,AL(`administrator',0,`, `')} ŠÖ~A ĩ €—Ú

 Cumulus, ĩŠÇ—□

fJf^f□fO, ĩ'Ç%Á

Šù'ŋ, ĩfJf^f□fO, đf†□[fU, ºŽg—p%Â"\\, ÈfJf^f□fO, ĩfŠfXfg, É'Ç%Á, Å, «, Ü, ·□B

fJf^f□fO, đ'Ç%Á, ·, é, É, Í

1. *ftf@fCf<f□fj f...□[, ©, ç[fT□[fo, É□Ú'±], đ'l'đ, μ, Ä□A[OK], đfNfŠfbfN, μ, Ü, ·□B*

2. *['Ç%Á], đfNfŠfbfN, μ, Ü, ·□B*

[fJf^f□fO, đ'Ç%Á]f_CfAf□fOf{fbfNfX, ºŠJ, «, Ü, ·□B

3. *Šù'ŋ, ĩfJf^f□fO, ĩ—¼'O, Æftf<fpfX, đ"ü—Í, μ, Ü, ·□B*

4. *[OK], đfNfŠfbfN, μ, Ü, ·□B*

{button ,AL(`administrator',0,`, `')} ŠÖ~A□€—Ú

 Cumulus, ĩŠÇ—□

fJf^f□fO, ĩfŠfXfgfA

Ž—'O, Éf ofbfNfAfbfv, μ, ½ftf@fCf<, ð□A□Ä“xÆ³, ĩfJf^f□fO, É—ß, ·, ±, Æ, ð[fŠfXfgfA], ÆÆÄ, Ñ, Ü, ·□B

fJf^f□fO, ðfŠfXfgfA, ·, é, É, Í

1. *ftf@fCf<f□fj f...□[, ©, ç[fT□[fo, É□Ú'±], ð'l'ð, μ, Ä□A[OK], ðfNfŠfbfN, μ, Ü, ·□B*

2. *[fŠfXfgfA], ðfNfŠfbfN, μ, Ü, ·□B*

[fJf^f□fO, ĩfŠfXfgfA]f_fCfAf□fOf{fbfNfX, ªŠJ, «, Ü, ·□B


3. *[fofbfNfAfbfvftf@fCf<, ĩfpfX—¼]ftfB□[f<fh, É□AfofbfNfAfbfvftf@fCf<, ĩ—¼'O, Æftf<fpfX, ð“ü—Í, μ, Ü, ·□B*

f ofbfNfAfbfvftf@fCf<, ĩŠg'£Žq, Í.bak, Å, ·□B

4. *[fŠfXfgfA□æ, ĩfpfX—¼]ftfB□[f<fh, É□AfofbfNfAfbfvftf@fCf<, ©, ç□ì□¬, ·, éfJf^f□fO, ĩ—¼'O, Æftf<fpfX, ð“ü—Í, μ, Ü, ·□B*

5. *[OK], ðfNfŠfbfN, μ, Ü, ·□B*

{button ,AL(`administrator',0,`,`) } ŠÖ~A□€—Ú

 Cumulus, ĩŠÇ—

fJf^f fO, ĩ C•œ

fJf^f fO, %ó, ê, Å, ¢, é ê ± A[C•œ]fRf}f“fh, ðŽg, Á, Ä C•œ, , é, ±
, Æ, ª, Å, «, Ü, · B fJf^f fO, ĩ C•œ, É, ©, ©, éŽžŜÔ, Í A fJf^f fO, ĩ fTfCfY, É, æ, Á, Ä`Ù, È, è, Ü, · B

fJf^f fO, ð C•œ, , é, É, Í

1. fJf^f fOf f jf ... [, ©, ç [C•œ], ð' ð, µ, Ü, · B

2. [OK], ðfNfŠfbfN, µ, Ü, · B

{button ,AL(`administrator',0,`,`')} ŠÖ~A €–Ú

Šî-{'€□î

Cumulus,ð<N"®,μ,ÄfJf^f□fO,ðŠJ,

fJf^f□fO,ð•Â,¶,é

Cumulus,ì□|—¹

CumulusfAvfŠfP□[fVf‡f“fEfBf“fhfE

fc□[f<fo□[,ìŽg—p

fJf^f□fOfEfBf“fhfE,É,Â,¢,Ä

fXfe□[f^fXfo□[,ìŽg—p

fŒfR□[fhfEfBf“fhfE,ìŽg—p

fJfefSfŠfŠfXfgfEfBf“fhfE,ìŽg—p

•Ò□Wf□fjf...□[fRf}f“fh,ìŽg—p

□î•ñ,ìó□ü

Šî-{'€□ì

Cumulus,đ<N"@,μ,ÄfJf^f□fO,đŠJ,

fJf^f□fO,Í□ACumulusfAfVfŠfP□[fVf†f“,ì<N"@Žž,ÉŠJ,,±,Æ,^a,Ä,«,Ü,·□B

Cumulus,đ<N"@,μ,ÄfJf^f□fO,đŠJ,,É,ÍÈ%°,ìžè□†,É□],¢,Ü,·

1. [fXf^□[fg]f{f^f“,đfNfŠfbfN,μ,Ä[fvf□fOf%of€],đf|fCf“fg,μ□A[Cumulus]□A[Cumulus Browser]
,ì□†,É'I'đ,μ,Ä,,¾,³,¢□B

2. Cumulus,^a<N"@,³,ê,Ü,·□BCumulus,đ□%,ß,Ä<N"@,μ,½□ê□†,Í□A[fJf^f□fO,đŠJ,-
]f_fCfAf□fO□Ef{fbfNfX,^aŽ!,³,ê,Ü,·□B
□ÄÆã,ÉCumulus,đ□I—¹,μ,½,Æ,«,ÉfJf^f□fO,^aŠJ,¢,Ä,¢,È,¢,©□A,Ü,½,Í[ŠJ,-
]f_fCfAf□fO,^aŽ!,³,ê,È,¢□ê□†□Aftf@fCf<f□fjf...□[,©,ç[ŠJ,],đ'I'đ,μ,Ä□A[ŠJ,-
]f_fCfAf□fOf{fbfNfX,đ•Ž!,μ,Ü,·□B

3. fŠfXfg,©,çfJf^f□fO,đ'I'đ,μ,ÄOK,đfNfŠfbfN,μ,Ü,·□B

'□: CumulusfZfbfVf†f“†,É•Ê,ìfJf^f□fO,đŠJ,,É,Í□Aftf@fCf<f□fjf...□[,©,ç[ŠJ,]
,đ'I'đ,μ,Ä□AfJf^f□fO—¼,đ'I'đ,μ,Ü,·□BŠJ,¢,½fJf^f□fO,đ•Ä,¶,é,É,Í□Aftf@fCf<f□fjf...□[,©,ç[•Ä,¶,é]
,đ'I'đ,μ,Ü,·□B

□ì<ÆŠÄ««,ÉCumulus

NetworkfT□[fo,^a,ê,Í□ACumulusfNf%ofCfAf“fg,Æ,μ,Ä□AfT□[fo,Éf□fOfIf“,μ,ÄfIfbfgf□□[fNfJf^f□
fO,đŠJ,«□Af†□[fUŽ©□g,ìf}fVf“,Éf□□[fJf<fJf^f□fO,đŠJ,,±,Æ,^a,Ä,«,Ü,·□B,±,ê,đ□s,ª
,É,Í□Aftf@fCf<f□fjf...□[,©,ç[fT□[fo,É□Ú'±]fRf}f“fh,đžg—p,μ,Ü,·□B

'□□FCumulus Browser,^a—Žž,ÉŠJ,,±,Æ,ì,Ä,«,ÉfJf^f□fO,Í□A□Ä□,2,Ä,Ü,Ä,Ä,·□B

{button ,AL('basics',0,`,`) } ŠÖ~A□€—Ú

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fJf^f□fO,ð•Â,ŋ,é

ŠJ,¢,½*fJf^f□fO,ð•Â,ŋ,é*,É,Í□Aftf@fCf<f□fj*f ...□[,©,ç[•Â,ŋ,é],ð'l'ð,μ,Ü,·□B*

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Cumulus,đ,é,É,Aftf@fCf<ffjf...[,©,ç],đ'l'đ,μ,Ü,·B

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CumulusfAfvfŠfP[fVf†f“fEfBf“fhfE,É,íAftf@fCf<,đfJf^f□fO,μ,½,è^a—p,·,é,½,β,É•K—
v,È,·,x,Ä,lfRf}f“fh□AfIfvVf†f“□AfEfBf“fhfE,aŠÜ,Ü,ê,Ä,¢,Ü,·□BfEfBf“fhfE,lfIfvVf†f“,ì,¢,-
,Ä,©,(Ü,Æ,ñ,Ç,lf□[f<fo□[f{f^f“□AĖŸ□đf□[f<fo□[□AfXfe□[f^fXfo□]
,í□AfJf^f□fOftf@fCf<,a“Ç,Ý□ž,Ü,ê,Ä,¢,é,Æ,«,É,¾, fAfNfefBfu,É,È,è,Ü,·□B

CumulusfAfvfŠfP[fVf†f“fEfBf“fhfE,ì□d—v,ÈŠefp□[fg,đ^È%°,Ā□à—¾,μ,Ü,·□B,±
,ê,ç,lf□[fg,đ•Ž!f□fjif...□[.Āf`fFfbfN,Ü,½,íf`fFfbfN%đ□œ,·,é,±,Æ,É,æ,Ā,Ä□A,Ç,ì—
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•Ā,ñ,Ā,¢,Ü,·□Bf{f^f“,lf□[f<f`fbfv,đ•Ž!,·,é,É,í□Af}
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žg—p.□v,đžQ□Æ,μ,Ā,,¾,¾,¾,¢□B

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,¾,¾,¾,¢□B

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fOfEfB EfBf“fhfE□i%°E'□j,ì2,Ā,lfEfBf“fhfE,ì'□□Ā,·□B□Ú
f“fhfE □x,í□u^{fJf^f□fOfEfBf“fhfE,đ—}
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[fhfEf BfĖfR□[fh,É,í□AfJf^f□fO,¾,é,½SeIfŠfWfif<,É,Ā,¢
Bf“fhf ,Ā,ì□d—
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f^fXfo ¾,đ•Ž!,μ□A□u^{fAfvfŠfP[fVf†f“□Ÿ“è}□v_ffcfAf□f
□[Of{fbfNfX□AfJfefSfŠ□A,·,æ,ñfĖfR□[fh,Ö,lfAfN
fZfX,đ'ñ<Ÿ,μ,Ü,·□B□Ú□x,í□u^{fXfe□[f^fXfo□[.ìžg—}
p□v,đžQ□Æ,μ,Ā,,¾,¾,¾,¢□B

{button ,AL('basics',0,'','')} ŠÖ~A□€—Ú

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fc[f<fo[,lf{f^f“,đžg—p,·,ê,î□A,æ,žg—p,·,éRf}f“fh,âfIfvVf‡f“,đ,·,î,â,ŠÈ'P,É—~—
p,Â,«,Ü,·□BfJ□[f\<,đfc□[f<fo[,lf{f^f“,î□â,É`Ú“®,·,é,Æ□A,»,lf{f^f“,î<@“\,đ□à—¾,·,éfc□[f<f`fbfv.
,a\Ž!,³,ê,Ü,·□B

fc[f<fo[,í□ACumulusfAfvfŠfP□[fVf‡f“fEfBf“fhfE,î□â'□A%o'□A□¶'□A%oE'□,î,¢
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š,μ,½ftf□□[fefBf“fOfEfBf“fhfE,É,·,é,©,đ'I'đ,Â,«,Ü,·□Bfc□[f<fo[,đ`Ú“®,·,é,É,í□A~g,đ'I'đ,μ,Ä□ã%o□¶
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□,î[fc□[f<fo[,lf`FFbfNf}□[fN,đŠO,μ,Ü,·□B

fc[f<fo[,lf{f^ □à—¾
f“



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Network□j,É□Ú±,μ,Ü,·□B



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h,ÉfRfs□[μ,Ü,·□B



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Ü,·□B



'I'đ•“•a,ÉfNfŠfbfvf{□[fh,î“à—
e,đž“ü,μ,Ü,·□B



fJfefSfŠfŠfXfgfEfBf“fhfE,đ•Ž!,
Ü,½,I“ñ•Ž!,μ,Ü,·□B



fTf€fIfCf<f,□[fh192□~192,Åftf@f
Cf<,đ•Ž!,μ,Ü,·□B



fTf€fIfCf<
f,□[fh128□~128,Åftf@fCf<,đ•Ž!,μ,
Ü,·□B



fTf€fIfCf<
f,□[fh96□~96,Åftf@fCf<,đ•Ž!,μ,Ü,·
□B



fŠfXfgf,□[fh,đ•Ž!,μ,Ü,·□B



fÆfR□[fh—¼,đŠî□€
,É,μ,ÄfJf^f□fO,đf\□[fg,μ,Ü,·□B



ftf@fCf<Æ`Ž®,đŠî□€
,É,μ,ÄfJf^f□fO,đf\□[fg,μ,Ü,·□B



ftf@fCf<,l%œ'œf,□[fh,đŠî□€
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ftf@fCf<,l□C³“ú,đŠî□€
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fJf^f□fO,đ□,□‡(A□`Z)



{button ,AL(`basics',0,`,``)} ŠÖ~A□€–Ú

,Éf\□[fg,μ,Ü,·□B

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,Éf\□[fg,μ,Ü,·□B

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E,ð•\Ž!,μ,Ü,·□B

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□[,ð•\Ž!,μ,Ü,·□B

fwf<fv,ḷ□€–Ú,ð•\Ž!,μ,Ü,·□B

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,ÆfJf^f□fOfEfBf“fhfE,^a•Ž₁³,ê,Ü,·□B

fJf^f□fOfEfBf“fhfE,Í□AŽŸ,Ì2,Â,Ì•^a,Å□\□¬,³,ê,Ü,·□B

□E fJfefSfŠfŠfXfgEfBf“fhfE

□E fÆfR□[fhfEfBf“fhfE

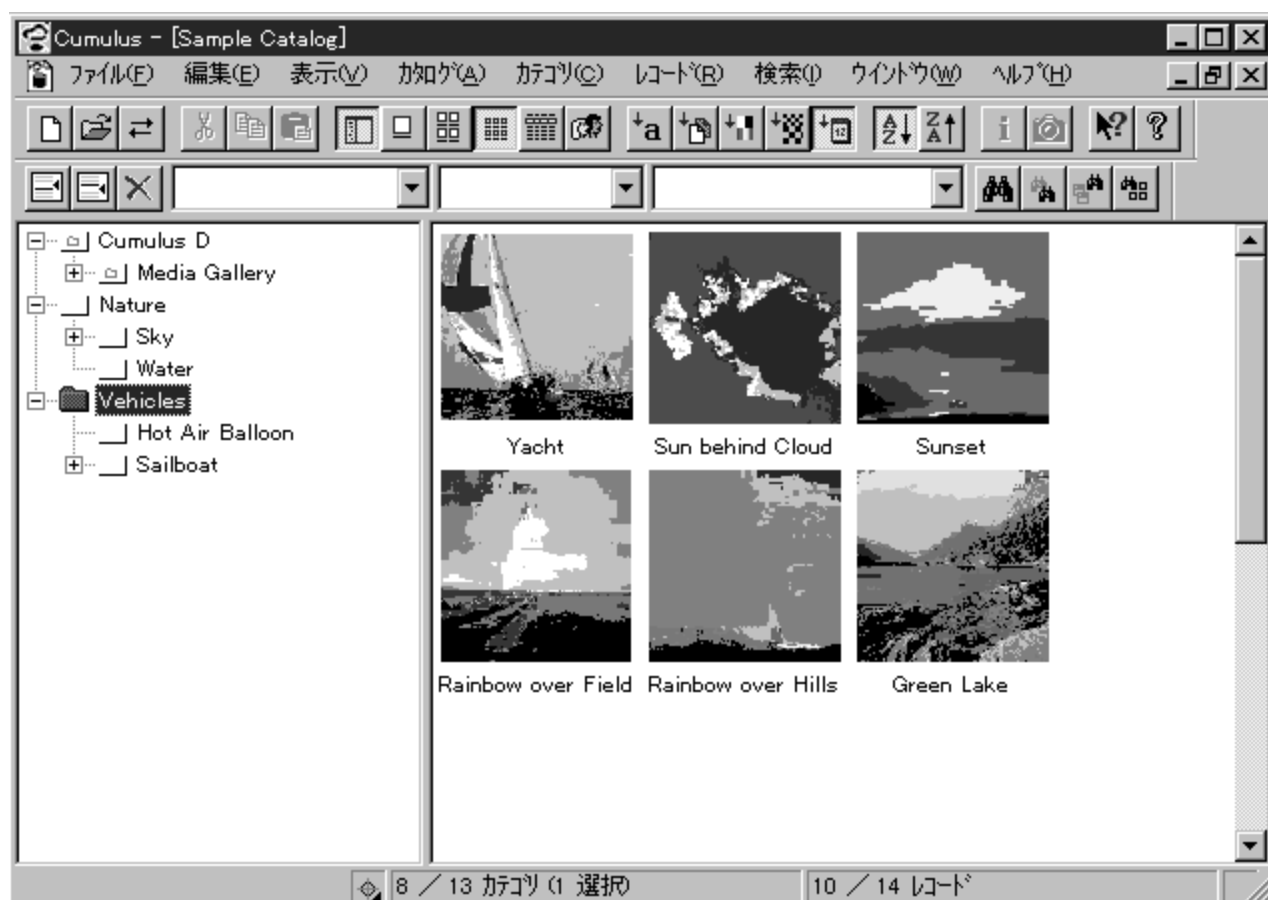
Cumulus,ÌfÆfR□[fhfEfBf“fhfE,É,Í□A4Ží—p,Ì•Ž!•û—@,^a,,è,Ü,·□B□Ú□x,Í□A□
ufÆfR□[fh•Ž!fIfvVf±f“□v,ðŽQ□Æ,μ,Ä,,³/₄,³,¢□B

ftf@fCf<,ðfJf^f□fO,·,é,Æ□AfÆfR□[fh,Æ,¢
,p“Á•Ê,ÈfGf“fgfŠ,^afJf^f□fO,E'Ç%Á,³,ê,Ü,·□BŠefÆfR□[fh,É,Í□AfIfŠfWfif<ftf@fCf<,Ì-
¼□O□A•Û'¶□ê□Š□Aftf@fCf<Æ`Ž®,È,Ç,Ì□AfIfŠfWfif<ftf@fCf<,ÉŠÖ,·,é□î•ñ,^a•Û'¶,³,ê,Ä,¢
,Ü,·□B,Ü,½fÆfR□[fh,ðfJfefSfŠ,Å~—□“Í,É•^a—p,·,é,±,Æ,ÅfÆfR□[fh,Ìžæ,è^μ,¢
,^a,æ,èŠÈ'P,É,È,è,Ü,·□BfÆfR□[fhfEfBf“fhfE,Ì□¶“q,ðfJfefSfŠfŠfXfgEfBf“fhfE,ÆÆÄ,Ñ,Ü,·□B,±,±
,É,Í□AÆ»□Ý,ÌfJf^f□fO,Ì,·,x,Ä,ÌfJfefSfŠ-¼,^a•Ž₁³,ê,Ü,·□B

SHIFTfL□[ð%Ÿ,μ,È,^a,çTABfL□[ð%Ÿ,·,Æ□AfAfNfefBfu,ÈEfBf“fhfE,ð□Ø,è'Ö,¹,é,±
,Æ,^a,Ä,«,Ü,·□B,Ü,½fJf^f□fOfEfBf“fhfE,Ì'†%»,É,,é««ŠE,ð'Ìð,μ,Ä□AŠefEfBf“fhfE,Ì•Ž!“Í'Í,ð•İ□X,·,é,±
,Æ,^a,Ä,«,Ü,·□BfEfBf“fhfE'S'Ì,ÌfTfCfY,ð•İ□X,·,é,É,Í□AfEfBf“fhfE,Ì««ŠE,ðfhf%fbfO,·,é,©□Af^fCf^g
<fo□[É,,é□Ä□¬%»□A□Ä'â%»□A•œÆ³,Ìf{f^f“,ðŽg—p,μ,Ü,·□B

{button ,AL('basics',0,`,`) } ŠÖ~A□€—Ú

fJf^f□fOfEfBf“fhfE



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fXfe□[f^fXfo□[,í□ACumulusfAfvfŠfP□[fVf‡f“fEfBf“fhfE,ì%°•”,É•Ž!°,³,ê,Ü,·□B

10 / 13 カラコリ

10 / 10 ㄌㄢˊㄊㄣˊ



fXfe□[f^fXfo□[,ì□¶[.É,í□Afc□[f<fo□[f{f^f“,ì□à—¾,ª•Ž!°,³,ê,Ü,·□B□à—

¾,đ•Ž!°,·,é,É,í□Afc□[f<fo□[f{f^f“,ì□ã,ÉfJ□[f\fc,đ`Ú□@,µ,Ü,·□B

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,ìfAfCfRf“,đfNfŠfbfN,·,é,Æ□AfAfvfŠfP□[fVf‡f“ŠÂ««□Y`èfEfBf“fhfE,ª•Ž!°,³,ê□AfJfefSfŠŒY□đ,
ì□Y`è,ª,Â,«,Ü,·□B

fJfefSfŠfXfe□[f^fXftfB□[f<fh,É,í□AfJfefSfŠfŠfXgfEfBf“fhfE,É•Ž!°,³,ê,Ä,¢

,éfJfefSfŠ,ìŒÂ□”,Æ□AŒ»□Y,ìfJf^f□fO,ÉŠÜ,Ü,ê,éfJfefSfŠ,ì'□□”,ª•Ž!°,³,ê,Ü,·□B,½,Æ,ì,î□A[19/

105fJfefSfŠ (1'ìđ)],í`È%°i,æ,ª,È`Ó—i,É,È,è,Ü,·

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□E Œ»□Y,ìfJf^f□fO,É□±Œv105ŒÂ,ìfJfefSfŠ,ªŠÜ,Ü,ê,Ä,¢,é

□E 1ŒÂ,ìfJfefSfŠ,ª'ìđ,³,ê,Ä,¢,é

fŒfR□[fhfXfe□[f^fXftfB□[f<fh,É,í□AŒ»□Y,ìfJf^f□fO,ÂŒY□đ,³,ê,½fŒfR□[fh□”,ÆfŒfR□[fh,ì'□

□”,ª•Ž!°,³,ê,Ü,·□BŒY□đŒã,É,í□AŒY□đ□đŒ□,É`ê`v,µ,½fŒfR□[fh□”,ª•Ž!°,³,ê•Ö—,Â,·□B,½,Æ,ì,î□A[25/
1173 (1'ìđ)],í`È%°i,æ,ª,È`Ó—i,É,È,è,Ü,·□B

□E 25ŒÂ,ìfŒfR□[fh,ªŒY□đ□đŒ□,É`ê`v,µ,½

□E Œ»□Y,ìfJf^f□fO,É□±Œv1173ŒÂ,ìfŒfR□[fh,ª, ,é

□E 1ŒÂ,ìfŒfR□[fh,ª'ìđ,³,ê,Ä,¢,é

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fĈfR□[fhfEfBf“fhfE,É,İ□AĈ»□Ÿ,İfJf^f□fO,ÉŠÜ,Ü,ê,éfĈfR□[fh,ªŽ!,,³ê,Ü,·□BfftfHf<fg,Ā,İ□Af
ĈfR□[fh,İfTfĈf|fCf<,Æ,μ,ĀªŽ!,,³ê,Ü,·□BŠefĈfR□[fh,É,İ□AĈ³,İftf@fCf<,ÉŠÖ,·,é□î•ñ,ª•Ů‘Ÿ!,,³ê,Ā,¢
,Ü,·□BªŽ!f□fj...□[ĀfĈfR□[fh,İªŽ!•Ů—@,đ•İ!,,é,±,Æ,ª,Ā,«„Ü,·□B

ffftfHf<fg,Ā,İ□AfTfĈf|fCf<,İ□^%º,ÉfĈfR□[fh—¼,ª•Ž!,,³ê,Ü,·□B□Ā'ā,Ā63•ŸŽš□i“ú—
{Ĉê,İ□ê□±,İ32•ŸŽš,Ü,Ā□j,İfĈfR□[fh—¼,đŽg—p,·,é,±,Æ,ª,Ā,«„Ü,·□B□Ů□x,İ□ufĈfR□[fh—
¼,İ•Ö□W□v,đŽQ□/Æ,μ,Ā%º,³,¢□B

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,İ'¼,É□AfTfĈf|fCf<,İ□Ā“K%»,à,Ā,«„Ü,·□B

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¼□AĈ`Ž®□A%æ'œf,□[fh□A%đ'œ“x□A,“,æ,Ŧ□C□³“ú,ªfŠfXfg,³ê,Ü,·□BŠe—ñ,İ•□,İ□A
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fĈfR□[fh□î•ñ,İ□AfĈfR□[fhvf□pfefB]f_fCfAf□fOf{fbfNfX,Æ,¢
,pfEfBf“fhfE,ÉªŽ!,,³ê,Ü,·□BfĈfR□[fhvf□pfefB,đ•Ž!,,·,é,É,İ□AfĈfR□[fh,đ'I'đ,μ,Ā,©,ç□AfĈfR□[f
hf□fj...□[Ā[fvf□pfefB]
,đfNfŠbfN,μ,Ü,·□B[fĈfR□[fhvf□pfefB]f_fCfAf□fOf{fbfNfX,ªŠJ,«„Ü,·□B

fJ□[f\<đfĈfR□[fhfTfĈf|fCf<,Ü,½,İfefLXfg“ü—Í,İ□ă,É~Ů“®,μ,Ā□A%Ef}
fEfXf{f^f“,đfVf“fOf<fNfŠbfN,·,ê,İ□AfĈfR□[fhf|fbfvfAfbfvf□fj...□[,ª•Ž!,,³ê,Ü,·□B

“Áè,İfJf^f□fO,ĀŽŸ,İf\□[fg,ª,Ā,«„Ü,·□B

□E fĈfR□[fh,İf\□[fg

□E □,□±,Ü,½,İ□~□±,Āf\□[fg

{button ,AL('basics',0,`,`) } ŠÖ~A□€—Ú

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fŒfR□[fhfEfBf“fhfE,ìžg—p
fTf€flfCf<,ì□Ā“K%»»

fTf€flfCf<,ì•Ž!,^aĀ,·,¬,é□A—¾,é,·,¬,é□A, ,é,¢,ÍfRf“fgf%₀fXfg,^aá,·,¬,é□ê□‡,Í□A[fŒfR□[fh]f□fjf ...
□[,ì[fTf€flfCf<,đ'N—¾,É],đ'I'đ,μ,Ā□A•Ž!,đ□C□³,·,é,±
,Æ,^aĀ,«,Ü,·□BfJf^f□fO'†,ÉfTf€flfCf<,đŽ©“®“!É□Ā“K%»»,·,é,±
,Æ,^aĀ,«,Ü,·□B,Ü,½□Afc□[f<fo□[f{f^f“,đŽg,Ā,ĀfTf€flfCf<,ìfTfCfY,đ•İ□X,·,é,±,Æ,à,Ā,«,Ü,·□B

Šî-{'€□ì

fÆfR□[fhfEfBf“fhfE,ìŽg—p
fÆfR□[fh•Ž!flfvfVf‡f“

•Ž!•û-@

‘€□ì

fÆfR□[fh,đ192□~192fs
fNfZf<,ìfTf€flfCf<,Ă•Ž!
,,é

[•Ž!]f□fjf...
□[,©,ç[fTf€flfCf<f,□[fh
192□~192],đ'!đ,μ,Ü,·□B

fÆfR□[fh,đ128□~128fs
fNfZf<,ìfTf€flfCf<,Ă•Ž!
,,é

[•Ž!]f□fjf...
□[,©,ç[fTf€flfCf<f,□[fh
128□~128],đ'!đ,μ,Ü,·□B

fÆfR□[fh,đ96□~96fsf
NfZf<,ìfTf€flfCf<,Ă•Ž!,,
,é

[•Ž!]f□fjf...
□[,©,ç[fTf€flfCf<f,□[fh 96□~96]
,đ'!đ,μ,Ü,·□B

fÆfR□[fh,ì□Ú□x,đfefL
fXfg,Ă•Ž!,,é

[•Ž!]f□fjf...□[,©,ç[fŠfXfgf,□[fh]
,đ'!đ,μ,Ü,·□B

{button ,AL(`basics',0,`,``)} ŠÖ~A□€-Ú

Šî-{'€

fƎfR[fhfEfBf“fhfE,İŽg—p
fƎfR[fh,İf\ [fg

fƎfR[fh,É,ÍAftf@fCf<,ÉŠÖ,·,é½,,lî•ñ,aŠÜ,Ü,ê,Ä,č,Ü,·B[•Ž]fIfvVf‡f“,đ'I'đ,μ,ÄA^È%°,l€–
Ú,đŠî€É,μ,Äf\ [fg,·,é,±,Æ,a,Ä,«,Ü,·B

E fƎfR[fh–¼

E ftf@fCf<E`Ž®

E %đ'œ“x

E %æ'œf, [fh

E C³“ú

€–Ú,đŠî€É,μ,ÄfƎfR[fh,đf\ [fg,·,é,É,ÍA^È%°,İŽè±,É],č,Ü,·B

1. [•Ž]f fjf ... [•,ç[fJf^f fO,đf\ [fg],đ'I'đ,μ,Ü,·B

2. [fJf^f fO,đf\ [fg],İTfuf fjf ... [•,çAfƎfR[fh,İ€–Ú(fƎfR[fh–
¼Aftf@fCf<E`Ž®A%đ'œ“xA%æ'œf, [fhA C³“ú),İ,č,,ê,ç,đ'I'đ,μ,Ü,·B

fç[f<fo[f{f^f“,đŽg—p,μ,ÄfƎfR[fh,đf\ [fg,·,é,±
,Æ,à,Ä,«,Ü,·B,½Af\ [fg,l,±,Æ~±,đ“ü,êÖ,↓,é,±,Æ,a,Ä,«,Ü,·B

{button ,AL('basics',0,`,`)} ŠÖ~A€–Ú

Šî-{'€

fƎfR[fhfEfBf“fhfE,İžg—p
□,□‡,Ü,½,Í~□‡,đØ,è‘Ö,!,é

fƎfR[fhfEfBf“fhfE,ÍfƎfR[fh,İf\□[fg,İŸ‘è,İ¼,É□,□‡/□~□‡,İØ,è‘Ö,!,à,Å,«,Ü,·□B
□,□‡-”,Í~□‡,đØ,è,©,!,é,É,ÍÈ%°,İžè□‡,É□],¢,Ü,·

1. [•Ž]f□fjf...□[,©,ç[f□[fg□‡],đ‘đ,μ,Ü,·□B
2. fTfuf□fjf...□[,©,ç[□,□‡],Ü,½,Í[□~□‡],đ‘đ,μ,Ü,·□B
□V,μ,¢□‡□~,ÅfƎfR[fh,ªŽ|,³,ê,Ü,·□B

{button ,AL('basics',0,`,`)} ŠÖ~A□€–Ú

Šî-{'€□ì

fJfefSfŠšŠXfgfEfBf"fhfE,ìŽg—p

fJf^f□fOfEfBf"fhfE,ì□¶"α,í□AfJfefSfŠšŠXfgfEfBf"fhfE,Æ,¢,¢
,Ü,·□BfJfefSfŠšŠXfgfEfBf"fhfE,É,í□AÆ»□Y,ìfJf^f□fO,É, ,é,·,×,Ä,ìfJfefSfŠš—
¼,ª,Žì,³,ê,Ü,·□BfJfefSfŠš,îê"E,É,¢,í,ê,éftfHf<f_„Æ“—,¶,æ,ª,É□AfÆfR□[fh,ð~ —□"í□\‘¢□A¼Š
“í□\‘¢□A,“,æ,ŃŽg,¢,â,·,¢□\‘¢,É•Ö□¬,Å,«,Ü,·□BCumulusf†□[fU,ì½,,í□A,»,ê,¼,ê,ª½,-
,ìfÆfxf<ðŽ□,Â□"□ç,ìfJfefSfŠšÜ,þfJf^f□fO,ð□ì□¬,µ,Ä,¢,Ü,·□B

ftf@fCf<,ðfJf^f□fO,·,é,Æ□AfIfŠfWfif<ftf@fCf<,ÉŠÖ,·,é□d—
v□î•ñ,ð•Ü"¶,·,éfÆfR□[fh,ª□ì□¬,³,ê,Ü,·□BfÆfR□[fh,ðfJfefSfŠš,Æ,¢
,afL□[f□□[fh,ðŠK'w%»»,µ,½fOf<□[fv,É•ª—þ,·,é,±,Æ,É,æ,è□AfÆfR□[fh,ì□®—□,ð,æ,èÆø—|“í,É□s,ª,±
,Æ,ª,Å,«,,Ü,·□B□Ü□×,í□ufJfefSfŠš,ì□ì□¬□v,ðŽQ□Æ,µ,Ä,,¾,¾,³,¢□B

fJfefSfŠš,í□AŠî-{'í,É,ífL□[f□□[fh,ðŠg'É,µ,½,à,ì,Å,·,ªftf@fCf<,ì□®—□,ÉfL□[f□□[fh,¾,¬,ðŽg—
p,·,é□fffBfAŠÇ—□fVfXfef€,,Æ,íˆÜ,É,è□AˆÉ%º,ì,æ,ª,É—~“_ª, ,è,Ü,·□B

□E fL□[f□□[fh,Æ“—í,É□Aftf@fCf<,ð□à—¾,·,éÉÅ—L—¼,ðfJfefSfŠš,É•t,¬,é,±,Æ,ª,Å,«,,Ü,·□B

□E fhf%bfbfO□•fhf□bfv,É,æ,éŠÈ'P,É'€□ì,Å□A•j□",ìfÆfR□[fh,É□Aˆê,Å,Ü,½,í•j□",ìfJfefSfŠš—
¼,ð"oˆ^,·,é,±,Æ,ª,Å,«,,Ü,·□B

□E fJfefSfŠš,í□AfŠšXfg,©,ç'¼□ÚŸ□ð,ª,Å,«,,Ü,·□B

□E fL□[f□□[fh,ÆˆÜ,É,è□AfJfefSfŠš,íŠK'w□\‘¢,É,·,é,±,Æ,ª,Å,«,,Ü,·□B,±,ê,É,æ,è□A—
í□X,ÉfJfefSfŠš,ð'□□~ ,æ,□®—□,·,é,±,Æ,ª,Å,«□A,Ü,½fJfefSfŠšÖ,ìŠÖ~A,ðˆê——,ÅÆ©,é,±
,Æ,ª,Å,«,,Ü,·□B

‘íˆð,µ,½fJfefSfŠš,ª"oˆ^,³,ê,Ä,¢
,éfÆfR□[fh,ðŸ□ð,·,é,É,í□AfJfefSfŠš,ðf_fuf<fNfŠfbfN,·,é,©□AfJfefSfŠš,ð‘íˆð,µ,ÄENTERfL□[ð%
Ÿ,µ,Ü,·□B

ŠefJfefSfŠš,ìftfHf<f_„ì□¶,É, ,é+,Ü,½,í-,ìf{f^f“,ðfNfŠfbfN,µ,Ä□AfJfefSfŠš,ìŠK'w•Žì,ì—L—
³,ð□Ø,èˆÖ,ì,é,±,Æ,ª,Å,«,,Ü,·□BfJfefSfŠš,ðŠK'w•Žì,·,é,É,í□AfJfefSfŠš—¼,ì□¶,É, ,
é+f{f^f“,ðfNfŠfbfN,µ,Ü,·□BfJfefSfŠš,ªŠK'w•Žì,³,ê,é,Æ□A□]12,ì,æ,ª,É□A+f{f^f“,ª-f{f^f“,É,È,è,Ü,·□B

fJ□[f\<,ðfJfefSfŠš,ì□ã,ÉˆÚ"®,,µ,Ä%Ef}fEfXf{f^f“,ðfNfŠfbfN,·,é,Æ□A[fJfefSfŠš]f
fbfvfAfbfvf□fjf...□[ª•Žì,³,ê,Ü,·□B[fJfefSfŠš]f|fbfvfAfbfvf□fjf...□[©,ç□A[fJfefSfŠš]f□fjf ...
□[ì,æ,Žg—p,·,éfIfvfvf±f“,ð,·,î,â,—~—p,·,é,±,Æ,ª,Å,«,,Ü,·□B

{button ,AL('basics',0,`',`')} ŠÖ~A□€—Ú

Šî-{'€ï

•Ò□Wf□fj f...□[fRf}f“fh,ìŽg—p

•Ò□Wf□fj f...□[fRf}f“fh,đŽg—

p,μ,Ä□A“Á'è,ì'€□ì,đ'l'đ□A'ì'đ%đ□œ□AfJfbfg□AfRfs□[□Afy□[fXfg□Aí□œ□A,“,æ,ŃŽæ,è□Á,±
,Æ,^a,Ä,«,Ü,·□B

fJfbfg fJfefSfŠ-¼□AfœfR□[fh-
¼□A,“,æ,ŃœŸ□đ'l,ì•¶Žš—ñ,đfJfbfg,Ä,«,Ü,·□B

fRfs□[fJfefSfŠ-¼□AfœfR□[fh-
¼□A,“,æ,ŃœŸ□đ'l,ì•¶Žš—ñ,đfRfs□[,Ä,«,Ü,·□B

fy□[fXfg fJfefSfŠ-¼□AfœfR□[fh-
¼□A,“,æ,ŃœŸ□đ'l,ì•¶Žš—ñ,đfy□[fXfg,Ä,«,Ü,·□B

í□œ fJfefSfŠ,ÆfœfR□[fh,đí□œ,Ä,«,Ü,·□B

Žæ,è□Á, fœfR□[fh-
μ ¼ftfB□[f<fh,ÆœŸ□đ'lftfB□[f<fh,ì'€□ì,íŽæ,è□Á,¹
Ü,·,^a□A,»,ì'¼,ì'€□ì,íŽæ,è□Á,¹,¹ñ□B

,·,x,Ä,đ'l'đ [,·,x,Ä,đ'l'đ],íJfefSfŠ,ÆfœfR□[fh,ÉŽg—
p,Ä,«,Ü,·□B

'l'đ%đ□ ['l'đ%đ□œ],íJfefSfŠ,ÆfœfR□[fh,ÉŽg—
œ p,Ä,«,Ü,·□B

Šî-{'€
î•ñ,î´óü

Cumulus,É,ÍA,³,Ü,´,Ü,Èî•ñ,ð´óü,·,é<@",ª, ,è,Ü,·B´óüfRf}f"fh,Í[ftf@fCf<}f□fjf ...
□[,©,ç,'I'ð,µ,Ü,·,ªAZÀ□û,É•Ž!,³,ê,é´óüfRf}f"fh,Ì-
¼'O,ÍA´óü,µ,½,¢Î□û(fÆfR□[fh□AfJfefSfŠ□Aftf@fCf<,ìfvfÆfrf...□)
,É,æ,è`Ü,È,è,Ü,·B`È%º,ìß,Å,ÍAfÆfR□[fh,¨,æ,ÑfJfefSfŠî•ñ,ð´óü,¨,æ,Ñ´óüfvfÆfrf...
□[·Ž!,·,é•û-@,ð□à-¾,µ,Ü,·Bftf@fCf<,ìfvfÆfrf...□[,ì´óü,ÉŠÖ,·,é□Ú□×,ÍA□ufvfÆfrf...
□[fCf□□[fW,ì´óü□v,¨,æ,Ñ□uftf@fCf<,ð´óü,·,é□v,ðŽQ□Æ,µ,Ä,,¾,³,¢□B

“à—e

□E fÆfR□[fh□î•ñ,ì´óü

□E fJfefSfŠ□î•ñ,ì´óü

□E f□fO□î•ñ,ð´óü

□E ´óü'O,Éî•ñ,ðfvfÆfrf...□[

{button ,AL('basics',0,`,`)} ŠÖ~A□€-Ú

Šî-{'€ï

□î•ñ,î´óü

fŒfR□[fh□î•ñ,î´óü

fTf€fIfCf<□AfŒfR□[fh,î□Ú□×□A[fŒfR□[fhfvf□pfefB]fEfBf“fhfE,î“à—e,Æ,¢
,Ä,½□A,³,Ü,´,Ü,ÈfŒfR□[fh□î•ñ,ð´óü,·,é,±,Æ,^a,Ä,«,Ü,·□B

fŒfR□[fh□î•ñ,ð´óü,·,é,É,Í□A`È%°,ìŽè□‡,É□],¢,Ü,·□B

1. ´óü,·,éŒfR□[fh,ð'ìð,μ,Ü,·□B

•î□”,ìŒfR□[fh,ð'ìð,·,é,É,ÍCTRLfL□[ð□A,Ü,½~A'±
,μ,½fŒfR□[fh,ð'ìð,·,é,É,Í□ASHIFTfL□[ð%Ÿ,μ,È,^a,ç□A'ìð,·,é•”^a,ì□Å□%
,Æ□ÅŒã,ìŒfR□[fh,ðfNfŠfbfN,μ,Ü,·□B

2. [ftf@fCf<}f□f)f...□[,©,ç[fŒfR□[fh,ð´óü],ð'ìð,μ,Ü,·□B

3. fTfuf□f)f...□[,©,ç`È%°,ì,¢,,ê,©,ð'ìð,μ,Ü,·□B

□E [fTf€fIfCf<□~...],Í□A'ìð,μ,½fŒfR□[fh,ðfTf€fIfCf<f,□[fh96□~96,Å´óü,μ,Ü,·

□E [fTf€fIfCf<'†...],Í□A'ìð,μ,½fŒfR□[fh,ðfTf€fIfCf<f,□[fh128□~128,Å´óü,μ,Ü,·

□E [fTf€fIfCf<'å...],Í□A'ìð,μ,½fŒfR□[fh,ðfTf€fIfCf<f,□[fh192□~192,Å´óü,μ,Ü,·

□E [fŠfXfgŒ`Ž@...],Í□AfŒfR□[fh-

¼□Aftf@fCf<Œ`Ž@□A%œ'œf,□[fh□A%ð'œ“x□A□C□³“ú,ð□AŒ©,â,·,¢•\Œ`Ž@,Å´óü,μ,Ü,·

□E [fŒfR□[fh□î•ñ...],Í□A[fŒfR□[fhfvf□pfefB]fEfBf“fhfE,î“à—e,ð´óü,μ,Ü,·□B

4. [´óü]f_fCfAf□fOf{fbfNfX,Å“K□Ø,È'ìð,ð□s,¢□A[OK],ðfNfŠfbfN,μ,Ü,·□B

{button ,AL('basics',0,`,`)} ŠÖ~A□€-Ú

Šî-{'€□î

□î•ñ,îˆó□ü

fJfefSfŠ□î•ñ,îˆó□ü

'l'đ,μ,½fJfefSfŠ,É,Â,¢,Ä,î□î•ñ,đˆó□ü,·,é,±

,Æ,^a,Ä,«,·□B,Ü,½Cumulus,©,çfJf^f□fO,³,ê,½fIfŠfWfif<,îfvfƎfrf...

□[,đˆó□ü,μ,½,è□A•Ê,îfvf□fOf%œ,đŽg,Ä,ÄfIfŠfWfif<,đˆó□ü,·,é,±

,Æ,à,Ä,«,·□B□Ú□×,í□A□ufvfƎfrf...□[fCf□□[fW,îˆó□ü□v,“,æ,Ń□u,»,î'¼,îfvf□fOf%œ
©,çfIfŠfWfif<,đˆó□ü□v,đŽQ□Æ,μ,Ä,,¾,³,¢□B

fJfefSfŠ□î•ñ,đˆó□ü,·,é,É,í□A^È%°,îŽè□‡,É□],¢,Ü,·□B

1. ^ó□ü,·,é,fJfefSfŠ,đ'l'đ,μ,Ü,·□B

~A'±,μ,½fJfefSfŠ,đ'l'đ,·,é,É,í□ASHIFTfL□[,đ%Ÿ,μ,È,^a,ç□A'l'đ,·,é•^a,ì□Å□%

,Æ□ÅÆã,îfJfefSfŠ,đfNfŠfbfN,μ,Ü,·

2. [ftf@fCf<]f□fjf...□[,©,ç[fJfefSfŠ,đˆó□ü],đ'l'đ,μ,Ü,·□B

3. [ˆó□ü]f_fCfAf□fOf{fbfNfX,Å“K□Ø,È'l'đ,đ□s,¢□A[OK],đfNfŠfbfN,μ,Ü,·□B

{button ,AL('basics',0,`,´)} ŠÖ~A□€–Ú

Šî-{'€

î•ñ,î´óü

f fO î•ñ,î´óü

Œ»Ý,ìfJf^f fO,É,Â,¢,Ä,îî•ñ,âAf fO î•ñ,ìvfŒf rf...[,đ´óü,Å,<,Ü,·BÚx,ÍufvfŒf rf...
[fCf [fW,î´óüv,đŽQÆ,μ,Ä,,¾,³,¢B

fJf^f fO î•ñ,đ´óü,·,é,É,Í

1. ŠÇ—ŽÒf,[fh,đ•Ž!,μ,Ü,·B

2. ftf@fCf<f f jf...[Å[fXfe[f^fX,Æf fO,đ´óü],đfNfŠfbfN,μ,Ü,·B

3. u´óüvf_fCfAf fOf{fbfNfX,Å“K“–,È'I'đ,đs,¢A[OK],đfNfŠfbfN,μ,Ü,·B

{button ,AL('basics',0,`,`)} ŠÖ~A€–Ú

Šî-{'€□î

□î•ñ,î´ó□ü

f v f Ć f r f ... □ [

[´ó□ü f v f Ć f r f ... □ [, É , æ , Ä , Ä □ A ^ ó □ ü , ì ' O , É f Ć f C f A f E f g , ð • Ž ! , Å , « , Ü , . □ B

´ó□ü ' O , É f Ć f R □ [f h □ î • ñ , ì f v f Ć f r f ... □ [, ð • Ž ! , , é , É , Í □ A ^ È % ° , ì Ž è □ ‡ , É □ [, ċ , Ü , . □ B

1. [f t f @ f C f <] f □ f j f ... □ [, © , ç [´ó□ü f v f Ć f r f ... □ [, ð ' ! ð , μ , Ü , . □ B

2. f T f u f □ f j f ... □ [, © , ç ^ È % ° , ì , ċ , , ê , © , ð ' ! ð , μ , Ü , . □ B

□ E [f T f € f l f C f < □ ¬ ...] , Í □ A f Ć f R □ [f h , ì f v f Ć f r f ... □ [, ð f T f € f l f C f < f , □ [f h 96 □ ~ 96 , Å • Ž ! , μ , Ü , .

□ E [f T f € f l f C f < ' † ...] , Í □ A f Ć f R □ [f h , ì f v f Ć f r f ... □ [, ð f T f € f l f C f < f , □ [f h 128 □ ~ 128 , Å • Ž ! , μ , Ü , .

□ E [f T f € f l f C f < ' â ...] , Í □ A f Ć f R □ [f h , ì f v f Ć f r f ... □ [, ð f T f € f l f C f < f , □ [f h 192 □ ~ 192 , Å • Ž ! , μ , Ü , .

□ E [f Š f X f g Ć ^ Ž ® ...] , Í □ A f Ć f R □ [f h , ì □ Ú □ x , ì f v f Ć f r f ... □ [(f Ć f R □ [f h -
¼ □ A f t f @ f C f < Ć ^ Ž ® □ A % œ ' œ f , □ [f h □ A % ð ' œ " x □ A □ C □ ^ ú) , ð • Ć Ć ^ Ž ® , Å • Ž ! , μ , Ü , .

□ E [f Ć f R □ [f h □ î • ñ ...] , Í □ A [f Ć f R □ [f h f v f □ f p f e f B] f E f B f " f h f E , ì " à — e , ì f v f Ć f r f ... □ [, ð • Ž ! , μ , Ü , . □ B

[´ó□ü f v f Ć f r f ... □ [f E f B f " f h f E , º • Ž ! , º , ê , Ü , . □ B

3. f E f B f " f h f E , ì □ â • , © , ç " K □ Ø , È f { f ^ f " , ð ' ! ð , μ , Ü , . □ B

□ E [´ó□ü] , Í □ A Ć » □ Ý , ì • Ž ! , ð ´ó□ü , μ , Ü , . □ B

□ E [Ž Ÿ f y □ [f W] , Í □ A Ž Ÿ , ì f y □ [f W , É f X f N f □ □ [f < , μ , Ü , . □ B

□ E [' O f y □ [f W] , Í □ A ' O , ì f y □ [f W , É - ß , è , Ü , . □ B

□ E [2 f y □ [f W] , Í □ A Ć » □ Ý , ì • Ž ! , ð Ć © Š J , « Ć ^ Ž ® , Å • Ž ! , μ , Ü , . □ B

□ E [f Y □ [f € f C f " □ ^ f Y □ [f € f A f E f g] , Í □ A Ć » □ Ý , ì • Ž ! , ì Š g ' â — ! , ð • ĭ □ X , μ , Ü , . □ B

□ E [• Â , ¶ , é] , Í □ A f v f Ć f r f ... □ [f , □ [f h , ð □ I — 1 , μ , Ü , . □ B

{button ,AL('basics',0,'','')} ŠÖ~A□€-Ú

$$f \in fR \square [fh, \check{g} - p$$

$f \in R \subseteq [fhfv \subseteq fpfeB, \dot{\cdot} \subseteq X$


$$f \in C^1(\mathbb{R}) \text{ and } f(0) = 0$$
$$\underline{f \in fR \cap [fh, i \cap X \cap V]}$$

ftf@fCf<fŠftf@fÆf“fX,ìŠm”F

□î•ñ,ì□‘,«□o,μ,“,æ,Ñ“Ç,Ý□ž,Ý

$$\underline{f \in R \cap [fhfXfe \cap [f^{\wedge}fX, \check{z}g - p]}$$

$[f \in R \rightarrow [f h] f] \vdash [b f v f A b f v f \rightarrow f] f \dots \vdash [\text{!} \check{g} - p$

 fÆfR□[fh,İžg—p
fÆfR□[fhfvf□fpfefB,İ•İ□X

flfŠfWfif<ftf@fCf<,đJf^f□fO,É“o~^,•,é,±
,Æ,É,æ,Ä,Ä□AfÆfR□[fh,ÆÆÄ,Î,ê,éfJf^f□fOfGf“fgfŠ,^a□İ□¬,³,ê,Ü,•□BfÆfR□[fh,É,Í□AfIfŠfWfif<,İ
ftf@fCf<—
¼□Aftf@fCf<,İ•Ü‘ŋ□ê□Š□Aftf@fCf<Æ`Ž®□A%đ‘œ“x,È,Ç□AfIfŠfWfif<,ÉŠÖ,•,éÆÿ□đ%Ä“\
,È□İ•ñ,^a•Ü‘ŋ,³,ê,Ü,•□BCumulus,Ä,Í□AfÆfR□[fh□İ•ñ,Í[fÆfR□[fhfvf□fpfefB]f_fCfAf□fOf{fbfNfX,É
•Ž!,³,ê,Ü,•□B[fÆfR□[fhfvf□fpfefB]f_fCfAf□fOf{fbfNfX,É,İ3,Ä,İf^fu□ifÆfR□[fh□Afm□[fg□AfI
fŠfWfif<□j,^a,è□A%E“²,É,İfTf€fIfCf<,^aŽ!,³,ê,Ü,•□B
flfŠfWfif<,İfJf^f□fOŽž,É□A[fÆfR□[fhfvf□fpfefB]f_fCfAf□fOf{fbfNfX,đŽ©“@“l,É•Ž!,³,•,é,±
,Æ,^a,Ä,«,Ü,•□B

fÆfR□[fhfvf□fpfefB,đ•Ž!,Ü,½,İ•İ□X,•,é,É,Í□A`È%°,İžè□‡,É□],Φ,Ü,•□B

1. fÆfR□[fh,đ'İ'đ,μ,Ü,•□B
2. [fÆfR□[fh]f□fjf...□[Ü,½,Í[fÆfR□[fhf|fbfvfAfbvf]f□fjf...□[©,ç[fvf□fpfefB],đ'İ'đ,μ,Ü,•□B
3. f^fu,đØ,èÖ,İ,é,É,Í□Af^fu,İf^fCfGf<,đfNfŠfbfN,μ,Ü,•□B

fÆfR□[fh

f m□[fg

flfŠfWfif<

4. □Y'è,đ□s,Φ□A [“K—p],đfNfŠfbfN,μ,Ü,•□B,Ü,½fÆfR□[fh—¼,İ•Ö□W,^a,Ä,«,Ü,•□B
5. f_fCfAf□fOf{fbfNfX,đ•Ä,ŋ,•,É“¼,İfÆfR□[fh,đ•Ž!,•,é,É,Í□AfTf€fIfCf<,İ%°,İ—
řóf{f^f“„đfNfŠfbfN,μ,Ü,•□B
6. □Y'è,đ—LÆø,É,μ,ÄfEfBf“fhfE,đ•Ä,ŋ,é,É,Í□A[OK],đfNfŠfbfN,μ,Ü,•□B

[fvf□fpfefB]f_fCfAf□fOf{fbfNfX,İfTf€fIfCf<,©,çf|fbfvfAfbvf□fjf...
□[đ•Ž!,μ,Ä□AfTf€fIfCf<,đfÆfR□[fhSÔ,ÄfRfs□[•,é,±,Æ,^a,Ä,«,Ü,•□B

fTf€fIfCf<,đfRfs□[•,é,É,Í

- 1.□@fTf€fIfCf<,İfRfs□[đ□s,²fÆfR□[fh,đ'İ'đ,μ,Ü,•□B
- 2.□@[fvf□fpfefB]f_fCfAf□fOf{fbfNfX,đ•Ž!,μ,Ü,•□B
- 3.□@fTf€fIfCf<,İ□ă,Äf}fEfX,đ%EfNfŠfbfN,μ,Ü,•□B
- 4.□@f|fbfvfAfbvf□fjf...□[©,ç[fTf€fIfCf<,đfRfs□],đ'İ'đ,μ,Ü,•□B
- 5.□@fTf€fIfCf<,İfy□[Xfg□æ,İfÆfR□[fh,đ'İ'đ,μ,Ü,•□B
- 6.□@[fvf□fpfefB]f_fCfAf□fOf{fbfNfX,đ•Ž!,μ,Ü,•□B
- 7.□@fTf€fIfCf<,İ□ă,Ä%EfNfŠfbfN,μ,Ü,•□B
- 8.□@f|fbfvfAfbvf□fjf...□[©,ç[fTf€fI□[f<,đfy□[Xfg],đ'İ'đ,μ,Ü,•□B

{button ,AL(`records',0,`,`')} ŠÖ~A□€—Ú

$$f \in fR \cap [fh^{-1/4}, \infty) \cap W$$

```
{button ,AL(`records',0,`,`')} ŠÖ~A□€–Ú
```

 fŒfR□[fh,İžg—p

 fŒfR□[fhfvf□fpfefB,İ•İ□X

fŒfR□[fhf^fu,İžg—p

[fŒfR□[fh]f^fu,É,Í□A^{ftf@fCf<},ÉŠÖ,·,éê”Ê□î•ñ,^aŽ!,³,ê,Ü,·□B

fIfvVf‡f“l —p“r
ftfB□[f<fh

□C□³•S%oÂ ,±,İIfvVf‡f“,Í□A□î•ñ“à—
e,İ•İ□X,đ<ÖŽ~,μ,Ü,·□B

□í□œ•S%oÂ ,±
,İIfvVf‡f“,Í□Aft□[fU,É,æ,éfŒfR□[fh,İ□í□
œ,đ<ÖŽ~,μ,Ü,·□B

—¼‘O fŒfR□[fh—
¼,^aŽ!,³,ê,Ü,·□BffftfHf<fg,Â,Í□Aftf@fCf<—
¼,^afŒfR□[fh—
¼,Æ,μ,Â“o~^,³,ê,Ü,·□B,½,¾,μ□A,±,İ—
¼‘O,İ•İ□X,·,é,±
Æ,^aŽ!,³,ê,Ü,·□BÚ□×,Í□A□ufŒfR□[fh—
¼,İ•Ö□W□v,đŽQ□Æ,μ,Â,,¾,³,¢□B

fJf^f□fO fJf^f□fO,μ,ÄfŒfR□[fh,đ□İ□~,μ,½“ú•t,^aŽ!,³,ê,
Ü,·□B

□C□³“ú ‘İđ,μ,½fŒfR□[fh,^aÂŒă,É□C□³,³,ê,½“ú•t,^aŽ!,
³,ê,Ü,·□B

f†□[fU f†fHf<fg,Â,Í□A,±
,İftfB□[f<fh,É,Í,»,İftf@fCf<,đfJf^f□fO,μ,½f†
□[fU,İ—
¼‘O,^aŽ!,³,ê,Ü,·□BftfB□[f<fh,đ•Ö□W,·,é,É,Í□A
ffftfHf<fg,İ—¼‘O,đ“½“,¾,¹,Â□Ä“ü—Í,μ□A[“K—p]
,đfNfŠfbfN,μ,Ü,·□B

,±,İfGf“fgfŠ,Í□A[fJf^f□fOfIfvVf‡f“]
,ÄŽ““İ,É□Yè,·,é,±
,Æ,^aŽ!,³,ê,Ü,·□BÚ□×,Í□A□u[“ê”Ê]f^fu□v,đŽQ□
Æ,μ,Â,,¾,³,¢□B


fXfe□[f^fX ŠefŒfR□[fh,É,Í□A[fXfe□[f^fX]fŠfXfg,“ç‘İ’
đ,μ,½^{fXfe□[f^fX]},đ1,Â,¾,“o~^,·,é,±
,Æ,^aŽ!,³,ê,Ü,·□B¼,İ^{fXfe□[f^fX]},đ“o~^,·,é,É,Í□A[f
Xfe□[f^fX]fŠfXfg,“ç,»,İfXfe□[f^fX,đ‘İđ,μ□
A[“K—p],đfNfŠfbfN,μ,Ü,·□B

fXfe□[f^fX,İ‘Ç%Á□E□í□œ•û—
@,İ□Ú□×,Í□A□ufŒfR□[fhfXfe□[f^fX,İžg—
p□v,đŽQ□Æ,μ,Â,,¾,³,¢□B

fJfefSfŠ [fJfefSfŠ]fŠfXfg,É,Í□A,»,İŒfR□[fh,É“o~^,³,
ê,Ä,¢,é,·,x,Ä,İ^{fJfefSfŠ},^aŽ!,³,ê,Ü,·□B

{button ,AL(`records',0,`,',`')} ŠÖ~A□€—Ú

fŒfR□[fh,ìžg—p

fŒfR□[fhfvf□fpfefB,ì•ï□X
[fm□[fg]f^fu,ìžg—p

[fm□[fg]f^fu,đžg—p,μ,Ä□AŒfR□[fh,ÉŠÖ,·,éŒŸ□đ%Â"\\,È□î•ñ,đ'Ç%Á"ü—Í,·,é,±
,Æ,^a,Ä,«,Ü,·□Bfm□[fg,í□AŒŸ□đ□đŒ□,Æ,μ,Äžg—p,·,é,±,Æ,^a,Ä,«,Ü,·□B

ŠefŒfR□[fh,ìfm□[fg,É,í□A□Ä'â32 KB□i"ú—{Œê,Ä—ñ16,000•¶Žš□j,ìfefLXfg,đ"ü—Í,·,é,±
,Æ,^a,Ä,«,Ü,·□B"ê"É"l,Èfm□[fg,ì—á,đ"É%°,ÉŽ!,μ,Ü,·□B

□E □o"Ť,È,Ç,ìftf@fCf<,ÉŠÖ,·,é□d—v□î•ñ

□E ŠÖ~A,·,é□î•ñ,^a,·,é□ê□Š(fn□[fhfRfs□[□AfXf%fCfh□AfrffflfNfŠfbfv□A~%°¹)

□E "□îŒ □Ažg—p□ă,ì<K'¥□A<—%°Ä□Af%fCfZf"fX□î•ñ

□E ftf@fCf<,đ"ó□ü□Ažg—p□A•Ò□W,·,éžè□‡

□E ftf@fCf<,ì•ï□X—š—đ(ftf@fCf<,ì•ï□X,ì•û—@□A"à—e□A"úžž)

□E JPEG,Ü,½,ÍJFIFftf@fCf<,ìIPTCfwfbf_□î•ñ(□'□Ů□V•·'Ê□M"ĩ"đ%ï,É,æ,è<K'è,³,ê□Afjf...

□[fX"z□MfT□[frfX,Äžg—p,³,ê,Ä,¢,éŒ`Ž®)

fm□[fg□î•ñ,đ"ü—Í,·,é,Æ,«□Afm□[fg□î•ñ,^a,â,«,¢,Æ'S'ì,ìfpftfH□[f}f"fX,^ax,,È,è,Ü,·□B^È%°,É'□^Ó,μ,Ä,-
,¾,³,¢□B


□E fm□[fg,đ,Ä,«,é,¾,~ŠÈŒ%°,É,·,é

□E '·,¢Œ¾,¢,Ü,í,μ,đ"đ,¯,é

[fJf^f□fOŽž,Éfm□\[fg,đžæ,è□ž,b,±,Æ,^a,Ä,«,Ü,·□B](#)

{button ,AL(`records',0,`,`')} ŠÖ~A□€—Ú

 fÆfR□[fh,ìžg—p

 fÆfR□[fhfvf□fpfefB,ì•ï□X

[fIfŠfWfif<]f^fu,ìžg—p

[fIfŠfWfif<]f^fu,É,í□AfJf^f□fOŽž,ÉŽæ“¾,¾,¾,½□Aftf@fCf<,ÉŠÖ,.,é□î•ñ,a•Ž!,¾,¾,Ü,.,□B

fIfvfVf‡f“ —p“r

lftfB□[f<fh

MacOS/ Macintosh,ÆWindows,ì—

Windows ¼•û,ìÆ`Ž®,Ā□AfJf^f□fO,μ,½ftf@fCf<,ì•Ů“¶
□ê□Š,a•Ž!,¾,¾,Ü,.,□B

□ì□¬fvf□f fJf^f□fO,μ,½ftf@fCf<,ì□ì□¬fAfvfŠfP□[f
Of%œf Vf‡f“—¼,a•Ž!,¾,¾,Ü,.,□B

ftf@fCf<Æ fJf^f□fO,μ,½ftf@fCf<,lftf@fCf<Æ`Ž®,a•Ž
`Ž® !,¾,¾,Ü,.,□B

ftf@fCf<f fJf^f□fO,μ,½ftf@fCf<,ì—e—
TfCfY Ê,a•Ž!,¾,¾,Ü,.,□B

□ì□¬“ú ftf@fCf<,a□ì□¬,¾,¾,½“ú•t,a•Ž!,¾,¾,Ü,.,□B

□C□³“ú ftf@fCf<,a□ĀÆă,É□C□³,¾,¾,½“ú•t,a•Ž!,¾,¾,Ü,.,
□B

%œ'œf,□[f ftf@fCf<,l%œ'œf,□[fh(f%œfCf“fA□[fg□Af
h OfÆ□[fXfP□[f<□AfJf%œ□],a•Ž!,¾,¾,Ü,.,□B

%œ'œ“x ftf@fCf<,l%œ'œ“x (dpi),a•Ž!,¾,¾,Ü,.,□B

f^fe ftf@fCf<,l□c,ì□i—@,a•Ž!,¾,¾,Ü,.,□B

f^fR ftf@fCf<,l%i,ì□i—@,a•Ž!,¾,¾,Ü,.,□B

□Ú,μ, ,±
,lff{f^f“,ðfNfŠfbfN,.,é,Æ□AfJf^f□fOŽž,É“Ç,
Ý□ž,Ü,ê,½□A,»,lftf@fCf<Æ`Ž®,É“Ā—
L,ì□î•ñ(frffflfNfŠfbfv,ì□Ā□¶ŽžŠÖ,È,Ç)
,a•Ž!,¾,¾,Ü,.,□B

{button ,AL(`records',0,`,`')} ŠÖ~A□€—Ú

📖fŒfR□[fh,İžg—p

fJf^f□fO,©,çfŒfR□[fh,đ□í□œ,·,é

fŒfR□[fh,đ□í□œ,·,é,Æ,«□A,»,)fIfŠfWfif<ftf@fCf<,à□í□œ,·,é,©,Ç,α,©,đŽw'è,·,é,±,Æ,^aÄ,«,Ü,·□B

“o~^,³,ê,½fŒfR□[fh,đfJf^f□fO,©,ç□í□œ,·,é,É,Í□A^È%°,İžè□±,É□],¢,Ü,·□B

1. fŒfR□[fhfEfBf“fhfE,Å□A□í□œ,·,éfŒfR□[fh,đ'l'đ,μ,Ü,·□B

2. [fŒfR□[fh]f□fjf...□[Ü,½,Í[fŒfR□[fhf]fbfvfAfbfv] f□fjf...□[©,ç[fŒfR□[fh,đ□í□œ],đ'l'đ,·,é,©□ADELETEfL□[đ%Ÿ,μ,Ü,·□B


[fŒfR□[fh,đ□í□œ]f_fCfAf□fOf{fbfNfX,^aŽ!,³,ê,Ü,·□B

[fIfŠfWfif<ftf@fCf<,à□í□œ,·,é],đ'l'đ,·,é,Æ□A'l'đ,μ,½fŒfR□[fh,ÆfIfŠfWfif<ftf@fCf<,)—
¼•û,^a□í□œ,³,ê,é,İ,Ä'□^Ó,^aK—v,Ä,·□B

3. 'l'đ,μ,½fŒfR□[fh,đ□í□œ,·,é,É,Í□A[□í□œ],đfNfŠfbfN,μ,Ü,·□BŽæ,è□Á,·,É,Í□A[fLff“fZf<]
đfNfŠfbfN,μ,Ü,·□B

'□: ,±,İfRf}f“fh,Í□Af□fbfN,³,ê,½fJf^f□fO,Ä,İžg—p,Ä,«,Ü,¹,ñ□B

{button ,AL(`records',0,`,`')} ŠÖ~A□€—Ú

 fÆfR□[fh,İžg—p
fÆfR□[fh,İ□X□V

fJf^f□fOĖã,ÉfİfŠfWfif<ftf@fCf<,đ□C□³,μ,½□ê□‡,Í□AŠY“—,·,é fÆfR□[fh,đ□X□V,·,é,æ,□
;Š©,ß,μ,Ü,·□B fÆfR□[fh,đ□X□V,·,é,Æ□A fTf€fİfCf<,ª□Ä“x□İ□¬,³,ê□A[fÆfR□[fhfvf□fpfefB]fEfBf
“fhfE,É•Ž!,³,ê,é fİfŠfWfif<ftf@fCf<,İŽ□,Â□î•ñª,·,x,Â□X□V,³,ê,Ü,·□B f†□[fU'è<,İ fÆfR□[fh□î•ñ(fÆf
R□[fh—¼□Afm□[fg,È,Ç),Í□A□X□V,³,ê,Ü,¹,ñ□B

fÆfR□[fh,đ□X□V,·,é,É,Í□A^È%º,İžè□‡,É□],¢,Ü,·□B

1. fÆfR□[fhfEfBf“fhfE,Â□A□X□V,·,é fÆfR□[fh,đ'İ'đ,μ,Ü,·□B

2. [fÆfR□[fh]f□fjf...□[,Ü,½,Í[fÆfR□[fhfİfbfvfAfbfv]f□fjf...□[,©,ç[□X□V],đ'İ'đ,μ,Ü,·□B

3. fTfu f□fjf...□[,©,ç□A[□X□V],Ü,½,Í[<□\$□X□V],đ'İ'đ,μ,Ü,·□B

□E[□X□V],đ'İ'đ,·,é,Æ□A fJf^f□fO,μ,Ä,©,çĖã,ÉfİfŠfWfif<ftf@fCf<,É•İ□X,ª,·,Ä,½□ê□‡,É,İ,Ý□A fÆfR
□[fh□î•ñª,□X□V,³,ê,Ü,·□B

[<□\$□X□V],đ'İ'đ,·,é,Æ□A□V,μ,¢fTf€fİfCf<,ª□İ□¬,³,ê□Aftf@fCf<,İ•İ□X,İ—L—³,ÉŠÖĖW,È,-
□A fÆfR□[fh□î•ñª,□X□V,³,ê,Ü,·□B[□X□V]

,Í□Aftf@fCf<,đ•İ□X,μ,½□ê□‡,â□A^ê”Ê“İ,É fJf^f□fOfİfvfVf‡f“,đ□X□V,μ,½□ê□‡,É•Ö—~,Â,·□B

'□: ,±,İfRf}}f“fh,Í□Af□fbfN,³,ê,½fJf^f□fO,Â,İžg—p,Â,«,Ü,¹,ñ□B

{button ,AL(`records',0,`,`)} ŠÖ~A□€—Ú

 fÆfR□[fh,İžg—p

ftf@fCf<fŠftf@fÆf“fX,İŠm”F

fJf^f□fO,μ,½Æă,ÉfİfŠfWfif<ftf@fCf<,đ“Ú“®„μ,½□ê□‡,Í□ACumulus,^aftf@fCf<,İ□V,μ,¢^Ú“®□æ,đ“Á’
è,·,é,½,ß,Éftf@fCf<fŠftf@fÆf“fX,đ•İ□X,μ,Ü,·□Bftf@fCf<fŠftf@fÆf“fX,Í□A□Ā□V,İ,à,İ,É,μ,Ä,·,•K
—v,^a,è,Ü,·□B

Cumulus,Í□Aftf@fCf<fŠftf@fÆf“fX,đ’²,x,é,±,Æ,Ā□Aftf@fCf<,^afÆfR□[fh,İž□,Ā,Ä,¢
,é□î•ñ,Æ“—,¶□ê□Š,É,·,é,±
,Æ,đŠm”F,μ,Ü,·□Bftf@fCf<,đ“Á’è,Ā,«„È,¢□ê□‡,Í□Af†□[fU,É□ê□Š,đŽw’è,·,é,½,ß,İf_fCfAf□fOf{fbfN
fX,^a•Ž!,³,ê,Ü,·□B

ftf@fCf<,İfŠftf@fÆf“fX,đ’²,x,é,É,Í□A^È%°„İžè□‡,É□],¢,Ü,·□B

1. fÆfR□[fhfEfBf“fhfE,Ā□AÆfR□[fh,đ’İđ,μ,Ü,·□B

2. [fÆfR□[fh]f□fjf...□[Ü,½,Í[fÆfR□[fhf|fbfvfAfbfv]f□fjf...□[,©,ç[fŠftf@fÆf“fX,đŠm”F]
,đ’İđ,μ,Ü,·□B

,·,x,Ä,İftf@fCf<fŠftf@fÆf“fX,^{a2},x,ç,ê(Šm”F,³,ê)□AÆfR□[fh,^a□X□V,³,ê,Ü,·□B

fİfŠfWfif<ftf@fCf<,^a“Á’è,Ā,«„È,¢□ê□‡,Í□A[□ê□Š,đŽw’è,μ,Ä,-
,¾,³,¢]f_fCfAf□fOf{fbfNfX,^a•Ž!,³,ê,Ü,·□B,»„İftf@fCf<,İ—¼’O,Í□A[ftf@fCf<—
¼]ftfB□[f<fh,É•Ž!,³,ê,Ü,·□B


3.

fİfŠfWfif<ftf@fCf<,Ö,İfŠf“fN,đ□Ā□Y’è,·,é,É,Í□A[ftf@fCf<,İ□ê□Š]f{fbfNfX,Āftf@fCf<,đ“Á’è,μ□A[
ŠJ],đfNfŠfbfN,μ,Ü,·□B

4. Šm”F,·,é•K—v,İ,È,¢ftf@fCf<,Í□A[fXfLfbfv],đfNfŠfbfN,μ,Ü,·□B

’□: ,±,İfRf}f“fh,Í□Af□fbfN,³,ê,½fJf^f□fO,Ā,İžg—p,Ā,«„Ü,¹,ñ□B

{button ,AL(`records',0,`,`)} ŠÖ~A□€—Ú

 fÆfR[fh,İžg—p

□î•ñ,İ□',«□o,μ,„,æ,Ñ“Ç,Ý□ž,Ý

fÆfR[fh□AfJfefSfŠ□A,Ü,½,ÍÆY□ōfNfGfŠ□î•ñ,đf^fu«æ□Ø,è,İfefLfXfgftf@fCf<,É□',«□o,μ□AŽ
Ÿ,É,»,ê,ç,đ¼,İfJfefSfŠ,Ü,½,İfAfvfŠfP□[fVf‡f“,É“Ç,Ý□ž,Ɓ,±,Æ,^aÄ,«,Ü,·□B,±,İ<@”\
,É,æ,Ä,Ä□A'½□”,İfÆfR[fh,đfJf^f□fOŠÔ,Ä^Ů“®,μ,½,è□AfÆfR[fhf□[f^,đ¼,İfAfvfŠfP□[fVf‡f“,
ÉÆ<□‡,·,é,±,Æ,^aÄ,«,Ü,·□B

Cumulus,^aŽÀ□Ů,É□İ□¬,·,éftf@fCf<Æ`Ž®,Í□A□',«□o,·□î•ñ,İŽÍ—Ɓ,É,æ,è^Ů,È,è,Ü,·□B

□',«□o,μ/“Ç,Ý□ž,Ý,đ Cumulus,İftf@fCf<Æ`Ž®/Šg'£Žq
□s,Ɓ□î•ñ

fJfefSfŠ□î•ñ [fJfefSfŠftf@fCf<](#) (*.cce)

fÆfR[fh□î•ñ [fÆfR\[fhftf@fCf<](#) (*.cre)

ÆY□ōfNfGfŠ□î•ñ [ÆY□ōfNfGfŠftf@fCf<](#) (*.cqe)

fJfefSfŠ,ÆfÆfR[fh,İ—

¼•Ů,İ□î•ñ,đ□',«□o,·□Ů,Í□A,Ü,,[fJfefSfŠ](#),İ□',«□o,μ/“Ç,Ý□ž,Ý,đŽÀ□s,μ,Ä,©,ç□A,»,İfJfefSfŠ,É“o~^,³,ê,½^f
[ÆfR\[fh](#),İ□',«□o,μ/“Ç,Ý□ž,Ý,đŽÀ□s,μ,Ä,,¾,³,¢□B,±,İ□‡□~,Ä□',«□o,μ,„,æ,Ñ“Ç,Ý□ž,Ý,đŽÀ□s,μ,È,¢
,Æ□AfJfefSfŠ,ÆfÆfR[fh,İŠÖÆW,^{a-3}Æø,É,È,è,Ü,·□B

{button ,AL(`records',0,`,`)} ŠÖ~A□€—Ú

fŒfR[fh,İžg—p

î•ñ,ì‘,«□o,μ,“,æ,Ñ“Ç,Ý□ž,Ý
î•ñ,ì‘,«□o,μ

fŒfR[fh□AfJfefSfŠ□A,Ü,½,ÍŒŸ□ōfNfGfŠ□î•ñ,ōf^fu<æ□Ø,è,ìfefLfXfgftf@fCf<,É□‘,«□o,μ□AŽ
Ÿ,É,»,ê,ç,đ‘¼,ìfJf^f□fO,Ü,½,ÍfAfvfŠfP□[fVf‡f“,É“C,Ý□ž,P,±,Æ,^a,Ä,«,Ü,·□B

fŒfR[fh□AfJfefSfŠ□AŒŸ□ōfNfGfŠ,İSe□î•ñ,đ□‘,«□o,·,É,Í□A^È%°,İžè□‡,É□],ç,Ü,·□B

1. fJf^f□fOfEfBf“fhfE,Ä□A□‘,«□o,μ,½,çfŒfR[fh□AfJfefSfŠ□AŒŸ□ōfNfGfŠ,đ‘l’đ,μ,Ü,·□B

2. [ftf@fCf<]f□fjf...□[©,ç[□‘,«□o,μ],đ‘l’đ,μ□A“K□Ø,ÈfTfuf□fjf...□[flfvfVf‡f“,đ‘l’đ,μ,Ü,·□B
[□‘,«□o,μ□æ]f_fCfAf□fOf{fbfNfX,^aŽ‘,³,ê,Ü,·□B

3. [•Ů‘ŋ,·,é□ê□Š]ftfB□[f<fh,Ä□AfŒfR[fhftf@fCf<,đ•Ů‘ŋ,·,é□ê□Š,đžw’è,μ,Ü,·□B

4. ffftHf<fg,ìftf@fCf<—¼,đ,»,ì,Ü,Üžg—p,·,é□ê□‡,Í□A[•Ů‘ŋ],ōfNfŠfbfN,μ,Ü,·□Bžg—
p,μ,È,ç□ê□‡,Í□A[ftf@fCf<—¼]ftfB□[f<fh,É□V,μ,ç—¼‘O,đ“ü—Í,μ,Ä[•Ů‘ŋ],ōfNfŠfbfN,μ,Ü,·□B

“K□Ø,È□ê□Š,É“K□Ø,Èftf@fCf<f^fCfv,Ä□î•ñ,đ•Ů‘ŋ,μ,Ü,·□B

{button ,AL(`records',0,`,`)} ŠÖ~A□€—Ú

fÆfR[fh,İžg—p

□î•ñ,ì□‘,«□o,μ,“,æ,Ñ“Ç,Ý□ž,Ý
□î•ñ,ì“Ç,Ý□ž,Ý

Cumulus,ÅfÆfR[fh□AfJfefSfŠ□A,Ü,½,ÍÆY□ōfNfGfŠ□î•ñ,đ□‘,«□o,□ê□‡□A,»„ê,¼,ê,É“Á—
L,İ3,Â,İftf@fCf<Æ`Ž@,ª□ì□¬,³,ê,Ü,□B,±,ì□î•ñ,đ[“Ç,Ý□ž,Ý]fRf}

f“fh,đžg,Á,Ä“Ç,Ý□ž,ñ,¾,è□AfÆfR[fh,ÆfJfefSfŠ,đfJf^f□fOŠÔ,Åfhf%fbfO&fhf□fbfv,μ,ÄfRfs□
[,·,é,±,Æ,ª,Ä,«,Ü,□B

fÆfR[fh□AfJfefSfŠ□AÆY□ōfNfGfŠ,İ,¢,,ê,©,đ“Ç,Ý□ž,Ɔ,É,Í□A^È%°,İžè□‡,É□],¢,Ü,□B

1. [ftf@fCf<]f□fjf...□[,©,ç[“Ç,Ý□ž,Ý,đ'I'đ,μ,Ü,□B

2. fTfu f□fjf...□[,©,ç“K□Ø,È“Ç,Ý□ž,ÝfIfvfVf‡f“,đ'I'đ,μ,Ü,□B

[ŠJ,]f_fCfAf□fOf{fbfNfX,ª•Ž!,³,ê,Ü,□B

3. [ftf@fCf<,ì□ê□Š]f{fbfNfX,Å□A“Ç,Ý□ž,Ɔftf@fCf<,đ'I'đ,μ□A[ŠJ,],đfNfŠfbfN,μ,Ü,□B

'□: ,±,İfRf}f“fh,Í□Af□fbfN,³,ê,½fJf^f□fO,Å,İžg—p,Å,«,Ü,¹,ñ□B

{button ,AL(`records',0,`,`") } ŠÖ~A□€–Ú

fÆfR[fh,İžg—p
fÆfR[fhfXfe[f^fX,İžg—p

ŠefÆfR[fh,Éf†[fU,İ'èç,μ,½fXfe[f^fX,đ,P,ÂŠ,,,è"—,Ä,é,±,Æ,ª,Ä,«,Ü,·BfXfe[f^fX,ÍA—
á,İ,İA%œ'œ,İfXfLff" AfÆf^fbf`A C³A%ü'ü't,È,Ç AfÆfR[fh,İóÖ,É,Ä,ç
,Ä,İi•ñ,đ'ñ<Ÿ,μ,Ü,·B"o~%Ä",ÈfXfe[f^fX—
¼,ÍA1,Ä,İfJf^f[fo,É,Ä,«A'â256ÆÄ,Ä,·BfXfe[f^fX—¼,ÍŽŸ,İ,ç,,é,©,İ•û—@,ÂŠ,,,è"—,Ä,é,±
,Æ,ª,Ä,«,Ü,·B

□EfJf^f[foŽž,ÉfftfHf<fg,İfXfe[f^fX—¼,đŽ©"®"İ,É"o~^,·,é□B

□E[fÆfR[fhfvf[fpfefB]fEfBf"fhfE,Ä AfXfe[f^fX—¼,đŽè"®,Ä"o~^,·,é□B

fXfe[f^fX—¼,Í'Ç%ÄA•İ□XA,·,æ,Ñİíœ,Ä,«,Ü,·B

□V,μ,çfXfe[f^fX—¼,đ'Ç%Ä,·,é,É,ÍA^È%°,İžè□±,É□],ç,Ü,·B

1. [fÆfR[fh]f□fjf...□[,ç[fXfe[f^fXfŠfXfg],đ'I'đ,μ,Ü,·B

[fXfe[f^fXfŠfXfg]f_CfAf[fof{fbfNfX,ª\Ž!,³,ê,Ü,·B

fftfHf<fg,Ä,Í AfXfe[f^fXfŠfXfg,É[fXfe[f^fX],Æ,ç,ª—¼'O,ª\Ž!,³,ê,Ä,ç,Ü,·B

2. [']ü],Ü,½,Í'Ç%Ä],đNfŠfbfN,μ,ÄA□V,μ,çfXfe[f^fX—¼,đ'Ç%Ä,μ,Ü,·B

□E[fXfe[f^fX],İ□ä,É□V,μ,çfXfe[f^fX—¼,đ'Ç%Ä,·,é,É,ÍA[']ü],đNfŠfbfN,μ,Ü,·B

□E[fXfe[f^fX],İ%°,É□V,μ,çfXfe[f^fX—¼,đ'Ç%Ä,·,é,É,ÍA['Ç%Ä],đNfŠfbfN,μ,Ü,·B

□V,μ,çEfBf"fhfE,ª\Ž!,³,ê,Ü,·B

3. ŽŸ,İfXfe[f^fX—¼,đ"ü—Í,·,é,É,ÍA[']ü],Ü,½,Í'Ç%Ä],đNfŠfbfN,μ,Ü,·BfXfe[f^fX—¼,đ,·,x,Ä"ü—
Í,μ,½,çA[OK],đNfŠfbfN,μ,Ü,·B

Šù"İ,İfXfe[f^fX—¼,đ•İ□X,·,é,É,ÍA^È%°,İžè□±,É□],ç,Ü,·B

1. [fÆfR[fh]f□fjf...□[,ç[fXfe[f^fXfŠfXfg],đ'I'đ,μ,Ü,·B

[fXfe[f^fXfŠfXfg]f_CfAf[fof{fbfNfX,ª\Ž!,³,ê,Ü,·B

2. fŠfXfg,©,çA•İ□X,μ,½,çfXfe[f^fX—¼,đ'I'đ,μ□A[•İ□X],đNfŠfbfN,μ,Ü,·B

[fXfe[f^fX,İ•İ□X] fEfBf"fhfE,ª\Ž!,³,ê,Ü,·B

3. fXfe[f^fX—¼,đ•Ö□W,μ□A[OK],đNfŠfbfN,μ,Ü,·B

fXfe[f^fX,đİíœ,·,é,É,ÍA^È%°,İžè□±,É□],ç,Ü,·B

1. fJf^f[fo,đŠJ,«,Ü,·B

2. [fÆfR[fh]f□fjf...□[,ç[fXfe[f^fXfŠfXfg],đ'I'đ,μ,Ü,·B

[fXfe[f^fXfŠfXfg]f_CfAf[fof{fbfNfX,ª\Ž!,³,ê,Ü,·B

3. fŠfXfg,©,çA□íœ,μ,½,çfXfe[f^fX—¼,đ'I'đ,μ□A[□íœ],đNfŠfbfN,μ,Ü,·B

{button ,AL(`records',0,`,`')} ŠÖ~A€—Ú

 fÆfR□[fh,İžg—p

[fÆfR□[fh]f|fbfvfAfbfvf□fjf...□[,İžg—p

[fÆfR□[fh]f|fbfvfAfbfvf□fjf...□[,©,ç□A,æ,Žg—p,·,é[fÆfR□[fh]f□fjf...□[,İfRf}f“fh,đ“f□,—~—
p,·,é,±,Æ,^aÄ,«,Ü,·□B

fRf}f“fh □à—¾

fJfbfg ‘İ’đ•”^a,đ□Ø,èŽæ,è□AfNfŠfbfvf{□[fh,ÉfRfs□[,μ,
Ü,·□B

fRfs□[‘İ’đ•”^a,đfNfŠfbfvf{□[fh,ÉfRfs□[,μ,Ü,·□B

fy□[fXfg fNfŠfbfvf{□[fh,İ“à—
e,đ□V,μ,¢ê□Š(fJf^f□fO,È,Ç),É“\,è•t,¬,Ü,·□B

□X□V fTf€f|fCf<,đ□Ä•`%œ,μ□A[fÆfR□[fhfvf□p p f e f
B]fEfBf“fhfE,É•Ž!,³ê,é|fŠfWfif<ftf@fCf<,İž□
,Ä,·,×,Ä,İ□İ•ñ,đ□X□V,μ,Ü,·□B

□Ú□×,Í□A□ufÆfR□[fh,İ□X□V□v,đŽQ□Æ,μ,Ä,-
,¾,³,¢□B

fŠftf@fÆf “fX,đ□X□V,μ,
“fX,đŠm”F Ü,·□BCumulus,^aftf@fCf<,đ“Á’è,Ä,«,É,¢ê□±,Í□Af
†□[fU,É□V,μ,¢ê□Š,đŽw’è,·,é f_CfAf□fOf{fbf
NfX,^aŽ!,³ê,Ü,·□B

□Ú□×,Í□A□uftf@fCf<fŠftf@fÆf“fX,İŠm”F□v,đ
ŽQ□Æ,μ,Ä,,¾,³,¢□B

fÆfR□[fh, ‘İ’đ,³ê,Ä,¢,é fÆfR□[fh,đ□í□œ,μ,Ü,·□B

đ□í□œ □Ú□×,Í□A□ufJf^f□fO,©,ç fÆfR□[fh,đ□í□œ,·,é
□v,đŽQ□Æ,μ,Ä,,¾,³,¢□B

fTf€f|fCf<, ‘İ’đ,μ,½fTf€f|fCf<,đ□A□¶,É90□<□A%œ,É90□<□A,
đ%œñ”] ,é,¢,İ180□<%œñ”,μ,Ü,·□B

fTf€f|fCf<, fTf€f|fCf<,İ•Ž!,đ□Ä“K%œ»,μ,Ü,·□B□Ú□×,Í□A□ufT
đ’N—¾,É fEf|fCf<•Ž!,đÆ©,â,·,·,é□v,đŽQ□Æ,μ,Ä,,¾,³,¢□B

f|fŠfWfif<, fvfÆfrf...□[•Ž!,Ü,½,Í•Ö□W,đ□s,□
đŠJ, ,½,ß□Aftf@fCf<,İ□İ□¬fvf□fOf%œf€
,đ<N“®μ,Ü,·□B

□Ú□×,Í□A□uftf@fCf<,İ•Ö□W□v,đŽQ□Æ,μ,Ä,-
,¾,³,¢□B.

f|fŠfWfif<, f|fŠfWfif<ftf@fCf<,đˆó□ü,·,é,½,ß□Aftf@fCf<,İ
đˆó□ü □İ□¬fvf□fOf%œf€,đ<N“®μ,Ü,·□B

□Ú□×,Í□A□u¹/₄,İfvf□fOf%œf€
,©,çftf@fCf<,đˆó□ü,·,é□v,đŽQ□Æ,μ,Ä,,¾,³,¢□B

fGfNfXfvf Windows.İfGfNfXfvf□□[f%
□□[f% Äftf@fCf<,İ□ê□Š,đ•Ž!,±
Ä,^aÄ,«,Ü,·□B□Ú□×,Í□A□ufGfNfXfvf□□[f%
,Äftf@fCf<,đ“Á’è,·,é□v,đŽQ□Æ,μ,Ä,,¾,³,¢□B

f|fŠfWfif<, ftf@fCf<,đŽw’è,μ,½□ê□Š,ÉfRfs□[,μ,Ü,·□B

đfRfs□[□Ú□×,Í□A□uftf@fCf<,İfRfs□[□v,đŽQ□Æ,μ,Ä,-
,¾,³,¢□B

f|fŠfWfif<, ftf@fCf<,đ□V,μ,¢ê□Š,ÉfRfs□[,μ□AÆ³,İ□ê□Š,

đŮ“®	©,ç,»,\ıftf@fCf<,đııœ,μ,Ü,·□B
	□Ú□×,ı□A□uftf@fCf<,ıŮ“®□v,đŽQ□Æ,μ,Ä,- ,¾,¾,¢□B
fıfŠfWfıf<, đf□□[f<,E“Y •t	“đŽqf□□[f<,ı“Y•ıftf@fCf<,Æ,μ,Äftf@fCf<,đ’— □M,μ,Ü,·□B
	□Ú□×,ı□A□u“đŽqf□□[f<,đŽg— p,μ,Äftf@fCf<,đ’—□M,·,é□v,đŽQ□Æ,μ,Ä,,¾,¾,¢□B
fvfƎfrf ... □[ftf@fCf<,ıfıfƎfrf...□[,đ•Žı,μ,Ü,·□B
	□Ú□×,ı□A□ufvfƎfrf...□[,ı•Žı□v,đŽQ□Æ,μ,Ä,- ,¾,¾,¢□B
<u>fıf□fpfef</u> <u>B</u>	[fƎfR□[fhfvf□fpfefB]fEfBf“fhfE,đ•Žı,μ,Ü,·□ B
	□Ú□×,ı□A□u[fƎfR□[fhfvf□fpfefB]fEfBf“fhf E,ı•Žı□v,đŽQ□Æ,μ,Ä,,¾,¾,¢□B

[fƎfR□[fh]f|fbfvfAfbfvf□fj ...□[,đ•Žı,·,é,É,ı□A^È%°,ıŽè□‡,É□[,¢,Ü,·□B

1. fƎfR□[fh,ıfTfƎfıfCf<,Ü,¾,ıfŠfXfg,ı□ã,ÉfJ□[f\<,đŮ“®,μ□A%Ef}fEfXf{f^f“,ÄfNfŠfbfN,μ,Ü,·□B

[fƎfR□[fh]f|fbfvfAfbfvf□fj ...□[,a•Žı,¾,ê,Ü,·□B

2. fRf}f“fh,đfNfŠfbfN,μ,Ü,·□B

{button ,AL(`records',0,`,`)} ŠÖ~A□€-Ú

ŒŸ□ō

ŒŸ□ō,İŠT—v

ŒŸ□ōfc□[f<fo□[,İŽg—p

ŒŸ□ōfNfGfŠ,İ•Ů‘¶

ŒŸ□ōfJfefSfŠ,İ□Ÿ'è,É,Â,¢,Ä

ŒŸ□ōfRf“fpfXfAfCfRf“,İŽg—p

fJf^f□fOfEfBf“fhfE,İfuf%ofEfY

fJfefSfŠŠŠXfg,İ\Ž!

ĆŸđ ĆŸđ,İŠT—v

Cumulus,ÍA"ňí,É_“İ,ÈfĈfR[fhĆŸđ•û—@,đ'ň<Ÿ,μ,Ä,č,Ü,·

□E “Á'è,İJfefSfŠ,Éê`v,·,éfĈfR[fh,đĆŸđ,·,é

□E ĆŸđđfc[f<fo,đŽg—

p,μ,ÄA1,Ä,Ü,½,İ·i”,İĆŸđđđĈ,Ä\—,³,ê,éĆŸđđfNfGfŠ,ÄĆŸđ,·,éB,Ü,½AŽ©•ª,Äì,Á,½
ĆŸđđfNfGfŠ,đ•Ű¶,·,é,±,Æ,à,Ä,«,éBfĈfR[fh,İĆŸđ,É,ÍA2,Ä,İŠi—{“İ,È•û—@,ª,·,éB

□E ŠÈˆŎĆŸđ

□E •i±ĆŸđ

□E fJf^f□fOfEfBf“fhfE,đfuf%ofEfY,·,é

•K—v,É%ž,¶,Äā<L,İû—@,đŽg,čª,¯,Ä%º,³,čB

{button ,AL(`search',0,`,`')}} ŠÖ~A□€—Ú



ŒŸøfc[f<fo[l,žg—p

Cumulus,ŒŸøfc[f<fo[l,žg,Á,Ä,Å,Æ,Ç,È,É,ŒŸøfNfGfŠ,ð\z,·,é,±,Æ,ª,Ä,«,Ü,·BffftfHf<fg,Ä,İAŒŸøfc[f<fo[l,İCumulusfAfvfŠfP[fVf±f“fEfBf“fhfE,İê”ÔāāAfc[f<fo[l,·,®%º,É•Ž!,³,ê,Ü,·BŒŸøfc[f<fo[l,İê,İê“u,Éfhf%fbfO,Ä,«A•Ž!f□fj...□,İ[ŒŸŽ@fc[f<fo[l,δfNfŠfbfN,μ,ÄAŒŸøfc[f<fo[l,ð•Ž!,μ,½,è”ñ•Ž!,É,·,é,±,Æ,ª,Ä,«,Ü,·B,Ü,½ŒŸøfc[fj...□,İfRf}f“fh,žg,Á,Ä,Å[ŒŸøððŒŸŸ,Ü,½,İ[fNfGfŠ]ftfB□[f<fhšÖ,ÄŸYè,ððØ,èÖ,İ,é,±,Æ,ª,Ä,«,Ü,·B



ŒŸøfc[f<fo[l,İA3,Ä,İŠî—{fRf“f|□[f|f“fg,Ä\□—,³,ê,Ä,Ç,Ü,·B,±,é,ç,İfRf“f|□[f|f“fg,žg—p,μ,ÄAŒŸøfNfGfŠ,ð\□—,·,é,±,Æ,ª,Ä,«,Ü,·B

□E [ŒŸøððŒŸ]f{f^f“,İŒŸøfc[f<fo[l,İ□¶[É, ,Ä,ÄŒŸøððŒŸ,İ□”,ðŒ^,ß,Ü,·BŒŸøfNfGfŠ,İ□”,a,·,Ä,É•j□”ŸYè,³,ê,Ä,Ç,éðê±,İŒ»ŸY,İŒŸøððŒŸ,İ—x,É•Ž!,³,ê,Ü,·B

ŒŸøf{f^f“

<@”\

ðŒŸ,ð’Ç%Á

□V,μ,ÇðŒŸ,ðŒ»ŸY,İðŒŸ,İā,É’Ç%Á,μ,Ü,·B

ðŒŸ,ð’ü

□V,μ,ÇðŒŸ,ðŒ»ŸY,İðŒŸ,İ%º,É’Ç%Á,μ,Ü,·B

ðŒŸ,ðí□œ

Œ»ŸY,İðŒŸ,ðí□œ,μ,Ü,·B

,·,x,Ä,İðŒŸ,ðí□œ

,·,x,Ä,İðŒŸ,ðí□œ,μ,Ü,·B

ðŒŸ,ð•j□»

Œ»ŸY,İðŒŸ,ðfRfs□[μ,Ü,·B

□E 3,Ä,İŒŸøð€—ÚftfB□[f<fhİŒŸøfc[f<fo[l,İ’t%>□j,ÄAŒŸøð,ð\z,Ä,«,Ü,·B

ŒŸøððŒŸftfB□[f<fh <@”\

[ŒŸøð€—Ú]

ŒŸøð’İ□Ū([ŒŸfR□[fh—¼]□A[ftf@fCf<—¼]□A[ftf@fCf<ŒŽ®]□A[%æ’æf,□[fh],È,Ç),ðŽw’è,μ,Ü,·

[ŒŸøð%ŽŽžq]

ŒŸøŒŸ“Ô([ŠÜ,ß]□A[Žn,Ü,é]□A[è’v,·,é]□A[Ü,È,é],È,Ç),ðŽw’è,μ,Ü,·B

[ŒŸøð’İ]

Œè’S’İ,Ü,½,İ,»,”İê”□A□”I□A“ú•t,È,ÇŒŸøð,·,é’İ,ðŽw’è,μ,Ü,·B

□E ,S,Ä,İŒŸøf{f^f“,İAŒŸøfc[f<fo[l,İ%ºE’ª,É•Ž!,³,ê,Ü,·B,±,é,ç,İf{f^f“,İ,Ç,·,é,®,ðfNfŠfbfN,·,é,ÆAŒŸøð,ªŽÀ□s,³,ê,Ü,·

ŒŸøf{f^f“

<@”\



[ŒŸø]

fAfNfefBfu,ÈfJf^f□fO’t,İ,·,x,Ä,İŒŸfR□[fh,İŒŸøð,ðs,Ç,Ü,·



[□ÄŒŸø]

Œ»ŸY•Ž!,³,ê,Ä,Ç,éŒŸfR□[fh,İ’t,®,μ,Ü,èž,ŸŒŸøð,ðs,Ç,Ü,·B



[·,x,Ä,İfJf^f□fO,ðŸŸø]

ŠJ,®,è,Ä,Ç,é,·,x,Ä,İfJf^f□fO,ÄfŸfR□[fh,ðŒŸøð,μ,Ü,·B



[ŒŸ□ō%ōđ□œ]

fAfNfefBfu,ÈfJf^f□fO†,ì,·,×,Ä,ìfŒ
fR□[fh,đ•Ž!,μ,Ü,·□B

ŒŸ□ō,ì•û–@,É,í2Ží—p, ,è,Ü,·□B

□E ŠÈ~ŒŸŸ□ō

□E •i□‡ŒŸŸ□ō

ŒŸ□ōfNfGfŠ,ì—á,É,Â,¢,Ä,í□A□uŒŸ□ōfNfGfŠ,ì—á□v,đŽQ□/Æ,μ,Ä,-
,¾,³,¢□B□ì□¬,μ,½ŒŸ□ōfNfGfŠ,đ•Ů'¶,Ä,«,Ü,·□B

{button ,AL(`search',0,`,`)} ŠŒ~A□€–Ú

☞ŒŸ□ð

☞ŒŸ□ðfc□[f<fo□[,ìŽg—p

ŒŸ□ð□€–ÚftfB□[f<fh,ÖftfH□[fJfX,ð•ì□X

ŒŸ□ðf□fjf...□[,©,ç[ŒŸ□ð□€–ÚftfB□[f<fh,Ö]

,ð'ì'ð,·,é,Æ□AŒŸ□ðfc□[f<fo□[,ì□AŒ»□ÝfJ□[f\f<,ª}“ü,³,ê,Ä,¢

,éŒŸ□ð□ðŒ□,ªfAfNfefBfu,É,È,è,Ü,·□B,±,ê,í□A•;□‡ŒŸ□ð,Å□AŒŸ□ð□ðŒ□,ª½,¢,Æ,«,ÉŽg—
p,·,é,Æ•Ö—,Å,·□B

📖ÆŸ□ō

📖ÆŸ□ōf c□[f<fo□[,İŽg—p

fNfGfŠftfB□[f<fh,ÖftfH□[fJfX,ð•İ□X

ÆŸ□ōf□fj f...□[,©,ç[fNfGfŠftfB□[f<fh,Ö]

,ð'İ'ð,·,é,Æ□AfNfGfŠftfB□[f<fh,^afAfNfefBfu,É,È,è,Ü,·□B,±,ê,Í□AÆŸ□ō□ōÆ□,É—
¼'O,ð,Â,¯,ÄfNfGfŠftfB□[f<fh,É•Ů'¶,μ,½,¢,Æ,«,ÉŽg—p,·,é,Æ•Ö—~,Ĺ,·□B

📖Æÿ□õfc□[f<fo□[,İžg—p
ŠÈˆÕÆÿ□õ,İŽÀ□s

ŠÈˆÕŒŸ□ō,ðŽÀ□s,·,é,É,ÍˆÈ‰°,İŽè□‡,É□],¢,Ü,·□B

3. $\text{Æ} \ddot{\text{Y}} \square \tilde{\text{o}}' | f t f B \square [f < f h, \acute{\text{E}} \square A \text{Æ} \ddot{\text{Y}} \square \tilde{\text{o}}, \acute{\text{E}} - p, \text{¢}, \acute{\text{e}} \text{Æ} \hat{\text{e}} \square i, \grave{\text{a}}, \mu, \acute{\text{í}}, \gg, \grave{\text{l}} \hat{\text{e}} \bullet \square j \square A \square " \square A \text{"ú} \bullet t, \acute{\text{È}}, \text{Ç}, \delta \text{"ü} - \acute{\text{Í}}, \mu, \ddot{\text{Ü}}, .$

4. "K∅,ÈÆÿ∅õf{f^f"∅iÆÿ∅õAÄÆÿ∅õA,·,x,Ä,ìfJf^f∅fOÆÿ∅õj,ðfNfŠfbfN,μ,Ü,·∅B

□E 1⊆□,ìf⊆fR□[fh,^a⊆»□Ý‘l’ð,³ê,Ä,¢,é

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{button ,AL(`search',0,`,`')} ŠÖ~A□€–Ú
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☞ŒŸ◻ð

☞ŒŸ◻ðfç◻[f<fo◻[,İžg—p
•◻◻‡ŒŸ◻ð,İŽÄ◻s

•◻◻‡ŒŸ◻ð,É,İ2,Â^È◻ð,İŒŸ◻ð◻ðŒ◻,ð'g,Ÿ◻‡,İ,1,ÄŒŸ◻ð,μ,Ü,◻BŒŸ◻ðfNfGfŠ,İ—á,É,Ä,ç
,Ä,İ◻A◻uŒŸ◻ðfNfGfŠ,İ—á◻v,ðŽQ◻Æ,μ,Ä,,¾,¾,ç◻B

•◻◻‡ŒŸ◻ð,ðŽw'è,◻,é,É,İ◻A^È%°,İŽè◻‡,É◻],ç,Ü,◻B

1. ŒŸ◻ð,É•K—v,ÈŒŸ◻ð◻ðŒ◻,ð◻Ÿ'è,μ,Ü,◻B

◻E 'İ'ð,¾,è,Ä,ç,é◻ðŒ◻,İ◻ð,ÉŒŸ◻ð◻ðŒ◻,ð'ç%Á,◻,é,É,İ◻A[◻ðŒ◻,ð']“ü”,ðfNfŠfbfN,μ,Ü,◻B

◻E 'İ'ð,¾,è,Ä,ç,é◻ðŒ◻,İ%°,ÉŒŸ◻ð◻ðŒ◻,ð'ç%Á,◻,é,É,İ◻A[◻ðŒ◻,ð'ç%Á],ðfNfŠfbfN,μ,Ü,◻B

◻E

ŒŸ◻ð◻ðŒ◻,ð◻í◻œ,◻,é,É,İ◻A^C^Ó,İŒŸ◻ð◻ðŒ◻ftfB◻[f<fh,ðfNfŠfbfN,μ,Ä,»],İ◻ðŒ◻,ð'İ'ð,μ◻
A[◻ðŒ◻,ð◻í◻œ],ðfNfŠfbfN,μ,Ü,◻B.

2. 1^Ô—Ú,İŒŸ◻ð◻ðŒ◻,Éİ,μ,Ä◻A^È%°,ðŽÄ◻s,μ,Ü,◻

◻E [ŒŸ◻ð◻ð€—Ú]ftfB◻[f<fh,ç,çŒŸ◻ð◻İ◻Ů([fŒfR◻[fh—¼]◻A[ftf@fCf<—
¼]◻A[ftf@fCf<Œ^Ž]◻A[%œ'œf,◻[fh],É,ç),ð'İ'ð,μ,Ü,◻B

◻E [ŒŸ◻ð%‰ŽŽŽq]ftfB◻[f<fh,ç,çŒŸ◻ð%‰ŽŽŽq,ð'İ'ð,μ,Ü,◻

◻E [ŒŸ◻ð'İ']ftfB◻[f<fh,Ä◻AŒŸ◻ð,É—p,ç,éŒè◻i,à,μ,,İ,,İ^ê•”◻◻A◻“ú•t,◻,È,ç,ð“ü—İ,μ,Ü,◻B

3. [•◻◻‡ŒŸ◻ð◻ðŒ◻◻Œ◻◻Žq]ftfB◻[f<fh,ç,ç,ç,Ä],Ü,½,İ[,Ü,½,İ],ð'İ'ð,μ,Ü,◻B

◻E [,ç,Ä],ð'İ'ð,◻,é,Æ◻A—¼•û,İŒŸ◻ð◻ðŒ◻,É^ê'v,◻,éŒŒfR◻[fh,¾,◻,^ŒŸ◻ð,¾,è,Ü,◻B

◻E [,Ü,½,İ],ð'İ'ð,◻,é,Æ◻A,ç

,,é,ç,İŒŸ◻ð◻ðŒ◻,É^ê'v,◻,éŒŒfR◻[fh,^ŒŸ◻ð,¾,è,Ü,◻B[,Ü,½,İ]ŒŸ◻ð,İ•û,^ŒŸ◻ð◻İ◻Ů,^◻L,-
◻A^È◻í,İ^ê'v,◻,éŒŒfR◻[fh◻”,^¼,È,è,Ü,◻B.

4. ,Q^Ô—Ú^È◻~,İŒŸ◻ð◻ðŒ◻,Éİ,μ,Ä◻A^È%°,ðŽÄ◻s,μ,Ü,◻B:

◻E [ŒŸ◻ð◻ð€—Ú]ftfB◻[f<fh,ç,çŒŸ◻ð◻İ◻Ů([fŒfR◻[fh]◻A[—
¼•O]◻A[ftf@fCf<Œ^Ž]◻A[%œ'œf,◻[fh],É,ç),ð'İ'ð,μ,Ü,◻B

◻E [ŒŸ◻ð%‰ŽŽŽq]ftfB◻[f<fh,ç,çŒŸ◻ð%‰ŽŽŽq,ð'İ'ð,μ,Ü,◻B

◻E [ŒŸ◻ð'İ']ftfB◻[f<fh,Ä◻AŒŸ◻ð,É—p,ç,éŒè◻i,à,μ,,İ,,İ^ê•”◻◻A◻“ú•t,◻,È,ç,ð“ü—İ,μ,Ü,◻B

'◻:

[']“ü”◻A[ç%Á]◻A,,æ,Œ[◻í◻œ]f{f^f“,ðŠÜ,pf{fbfNfX,^◻AŒ»◻ŸfAfNfefBfu,ÈŒŸ◻ð◻ðŒ◻,
İ—x,É•Ž,¾,è,Ü,◻B

5. ,◻,x,Ä,İŒŸ◻ð◻ðŒ◻,Éİ,μ,Ä◻AŽè◻‡3,,æ,Œ4,ðŽÄ◻s,μ,Ü,◻

6. “K◻Ø,ÈŒŸ◻ðf{f^f“([ŒŸ◻ð]◻A[◻ŒŸ◻ð]◻A[,◻,x,Ä,İfJf^f◻fo,ðŒŸ◻ð]◻A[ŒŸ◻ð%‰ð◻œ])
,ðfNfŠfbfN,μ,Ü,◻B

fJf^f◻fofEfBf“fhfE,É◻AŠY“—,◻,é,◻,x,Ä,İŒŒfR◻[fh,^Ž!,¾,è,Ü,◻BfXfe◻[f^fXfo◻[,]‰E,É,◻,éŒŒfR◻
[fhfXfe◻[f^fXftfB◻[f<fh,É,İ◻AŒŸ◻ð◻ðŒ◻,É^ê'v,μ,½ŒŒfR◻[fh◻”,^Ž!,¾,è,Ü,◻B,½,Æ,İ,İ◻A[2
5/ 117 (1'İ'ð)],İ^È%°,İ,æ,œ,É^Ô—i,É,È,è,Ü,◻B

◻E 25ŒÄ,İŒŒfR◻[fh,^ŒŸ◻ð◻ðŒ◻,É^ê'v,μ,½

◻E Œ»◻Ÿ,İfJf^f◻fo,É◻‡Ev117ŒÄ,İŒŒfR◻[fh,^ŠÜ,Ü,è,Ä,ç,é

◻E 1ŒÄ,İŒŒfR◻[fh,^İ'ð,¾,è,Ä,ç,é

{button ,AL(' search',0,`,`,`')} ŠÖ~A◻€—Ú

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¼

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と一致する
と異なる
を含まない

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と異なる

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と異なる

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で始まる
と一致する
と異なる
を含まない

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と一致する
と異なる

Œê'S'ì,Ü,½,Í,»,'ê•",ð"ü—
Í,μ,Ä□A'â•¶Žš□¬•¶Žš,ð<æ•Ê,μ,Ê
,¢'S•¶ŒŸ□ð,ðŽÄ□s,μ,Ü,·□B

fŠfXfg,©,çfXfe□[f^fX,ð'ì'ð,μ,
Ü,·□B

fTf€f|fCf<,ð[ŒŸ□ð']]ftfB□[f<
fh,Êfhf%fbfO&fhf□fbfv,μ,Ä
□A—
¾,é,³,·,æ,ŤfRf"fgf%oXfg,ð"äŠ
r,·,é—bŽ—
ŒŸ□ð,ðŽÄ□s,μ,Ü,·□B

fJfefSfŠ-¼,ð"ü—
Í,·,é,©□AfJf^f□fOfEfBf"fhf
E,©,çfJfefSfŠ,Ü,½,ÍfŒfR□[f
h,ðfhf%fbfO,μ,Ä,¾,³,¢□B

□d•i,·,éJfefSfŠ—
¼,ªfJfefSfŠ□□¬,ÉŠÜ,Ü,ê,Ä,¢
,é□ê□‡,Í□A-¼'O,ð"ü—
Í,¹,·,ÉfJfefSfŠ,»,ì,à,ì,ðfhf%fb
fO&fhf□fbfv,μ,Ü,·□B

[fAfvfŠfP□[fVf‡f"Ÿ'è]f_fC
fAf□fOf{fbfNfX
,Ä□AfJfefSfŠ,ìŒŸ□ð•ü—
@,ðŽw'è,μ,Ü,·□B□Ú□×,Í□A143
fy□[fW,ì□ufAfvfŠfP□[fVf‡f
"Ÿ'è,ì•í□X□v,ðŽQ□Æ,μ,Ä,-
,¾,³,¢□B

Œê,ì'ê•",à,μ,,Í'S•",ð"ü—
Í,μ,Ä'S•¶ŒŸ□ð,ð□s,¢
,Ü,·□B^ê,Â,ìŒŸ□ð□ðŒ□,Ä"ü—
Í,Ä,«,é"ü—
{Œê,ì•¶Žš□",Í8•¶Žš,Ü,Ä,Ä,·□B

{button ,AL(`search',0,`,`')}} ŠÖ~A□€-Ú



Česká republika

Česká republika, která je součástí Evropské unie, je země s bohatou kulturou a historií. V roce 2020 byla její populace přibližně 10,5 milionu lidí. Hlavním městem je Praha, která je také největším městem země. Česká republika je členem Evropské unie a Schengenského území.

Česká republika, která je součástí Evropské unie, je země s bohatou kulturou a historií.

1. Česká republika, která je součástí Evropské unie, je země s bohatou kulturou a historií.

2. Česká republika, která je součástí Evropské unie, je země s bohatou kulturou a historií.

Česká republika, která je součástí Evropské unie, je země s bohatou kulturou a historií.

1. Česká republika, která je součástí Evropské unie, je země s bohatou kulturou a historií.

2. Česká republika, která je součástí Evropské unie, je země s bohatou kulturou a historií.

,»], Česká republika, která je součástí Evropské unie, je země s bohatou kulturou a historií.

Česká republika, která je součástí Evropské unie, je země s bohatou kulturou a historií.

1. Česká republika, která je součástí Evropské unie, je země s bohatou kulturou a historií.

2. [Česká republika, která je součástí Evropské unie, je země s bohatou kulturou a historií.

,»], Česká republika, která je součástí Evropské unie, je země s bohatou kulturou a historií.

{button ,AL(`search',0,`,`)} ŠŮ~A~€-Ú

☞ŒŸ□ō

fJfefSfŠŒŸ□ō,ì□Ý'è,É,Â,¢,Ä

fJfefSfŠ,É,æ,éŒŸ□ō,ì□ê□±□A[fAfvfŠP□[fVf±f"□Ý'è]f_fCfAf□fOf{fbfNfX,ì[ŒŸ□ō]f^fu,Â□A,³,
Ü,´,Ü,ÈŒŸ□ō□□Ý'è,ð□s,±,Æ,^a,Â,«,Ü,·□B[fJfefSfŠŒŸ□ō],Â□A^Ê%°,ì,¢,,ê,©,ìŒŸ□ō•û-@,ð'ìð,·,é,±
,Æ,^a,Â,«,Ü,·□B

□E ['l'ð,³,ê,½fJfefSfŠ,ì,¢,,ê,©,ÉŠY"–,·,é],í□AŒŸ□ō□ðŒ□,ÉŠÜ,Ü,ê,éfJfefSfŠ,ì,α,¿□,È,,Æ,à,¢
,,ê,©1,Â,É'í%ž,·,éfŒfR□[fh,ðŒŸ□ō,μ,Ü,·

□E ['l'ð,³,ê,½fJfefSfŠ,ì'S,Ä,ÉŠY"–,·,é]
,í□AŒŸ□ō□ðŒ□,ÉŠÜ,Ü,ê,éfJfefSfŠ,·,×,Ä,É'í%ž,·,éfŒfR□[fh,ðŒŸ□ō,μ,Ü,·□B

[fJfefSfŠŒŸ□ō],Â,í□AfJfefSfŠ,ìŒŸ□ō•ûŒü([□ã^Ê,ìfJfefSfŠ,ðŒŸ□ō]□A[%°Ê,ìfJfefSfŠ,ðŒŸ□ō]
,ì,¢,,ê,©,Ü,½,í—¼•û),ðŽw'è,·,é,±,Æ,^a,Â,«,Ü,·□B

[fJfefSfŠ,ìfGfCfŠfAfX,ðŒŸ□ō],ð—LŒø,É,·,é,Æ□AfJfefSfŠ,ìfGfCfŠfAfX,ðŒŸ□ō,·,é,±
,Æ,^a,Â,«,Ü,·□B

{button ,AL(`search',0,`,`')} ŠÖ~A□€–Ú



ŒŸ□ōfRf“fpfXfAfCfRf“,lŽg—p

—v<□,·,éŒŸ□ōŒ<%Œ,â¼,ç,ê,È,¢□ê□‡,Í□AŒ»□Ý—LŒø,É,È,Á,Ä,¢,éŒŸ□ō□Ý'è,ð,±
 ,ìfAfCfRf“,ĂŠm”F,μ,Ü,·□BfAfCfRf“,ðfNfŠfbfN,·,é,Œ□A[fAfvfŠfP□[fVf‡f“□Ý'è]f_fCfAf□fOf{fb
 fNfX,ð,·,Î,â,•Ž!,μ□A•K—v,É%ž,ŋ,ĂŒŸ□ō□Ý'è,ð•İ□X,·,é,±,Œ,ª,Ă,«,Ü,·□B

ŒŸ□ōfRf“fpfXfAfCfRf“,É,ÍŒ»□Ý—LŒø,É,È,Á,Ä,¢
 ,éŒŸ□ō□Ý'è,ª•Ž!,³,ê,Ü,·□BfNfŠfbfN,μ,Ă[fAfvfŠfP□[fVf‡f“□Ý'è]f_fCfAf□fOf{fbfNfX,ð•Ž!,·,é,Œ•
 K—v,É%ž,ŋ,ĂŒŸ□ō□Ý'è,ð•İ□X,·,é,±,Œ,ª,Ă,«,Ü,·□B

—LŒø,É,È,Á,Ä,¢ fAfCfRf“
 ,éŒŸ□ō□Ý'è

[!‘ð,³,ê,½fJfefSfŠ,ì,¢
 ,·,ê,©,ÉŠY“—,·,é]

[!‘ð,³,ê,½fJfefSfŠ,ì‘S,Ă,ÉŠY“
 —,·,é]

[fJfefSfŠŒŸ□ōŽž,ì‘î□Ū,Œ,È
 ,éŠK‘w]
 [□ă^Ê,ìfJfefSfŠ,ðŒŸ□ō]

[fJfefSfŠŒŸ□ōŽž,ì‘î□Ū,Œ,È
 ,éŠK‘w]
 [%º^Ê,ìfJfefSfŠ,ðŒŸ□ō]

[fJfefSfŠ,ìfGfCfŠfAfX,ðŒ
 Ÿ□ō]

{button ,AL(`search',0,`,`')} ŠÖ~A□€—Ú



fJf^f□fOfEfBf“fhfE,lfuf%ofEfY

*fJf^f□fOfEfBf“fhfE,lfuf%ofEfY,í□AfƎfR□[fh,đ“Á'è,.éŠÈ'P,Ā^ê"Ê"l,È•û-@,Ā,·□B,æ,□®—
□,³,ê,½fJfefSfŠ□\‘¢,đ□ÝƎv,μ,Ā,¢
,ê,Ī□AfJfefSfŠfŠXfgfEfBf“fhfE,ĀfJfefSfŠ,đŠK'w•Ž|,·,é,¾,▯,Ā,·,Ī,â,fƎfR□[fh,đ“Á'è,·,é,±
,Æ,^a,Ā,«,Ü,·□B*

*,·,éfJfefSfŠ,^a“o~^,³,ê,½,·,×,Ā,lfƎfR□[fh,đ•Ž|,·,é,É,Ī□A,»,)fJfefSfŠ,đf_fuf<fNfŠfbfN,μ,Ü,·□BfJfefS
fŠ,đŠK'w•Ž|,·,é,É,Ī□AfJfefSfŠ^{-¼},Ī□¶,É,·,
é+f{f^f“,đfNfŠfbfN,μ,Ü,·□BfJfefSfŠ,^aŠK'w•Ž|,³,ê,é,Æ□A+f{f^f“,^a-f{f^f“,É,È,è,Ü,·□B*

{button ,AL(`search',0,`,`')}} ŠÖ~A□€-Ú



ŒŸ

fJfefSfŠfŠXfg,ì•Ž!

•Ž!f f f f ... [©,ç[fJfefSfŠfo[đ'!đ,μ,ÄAŒ»Ÿ,lfJf^f fO,É, ,é,.,x,Ä,lfJfefSfŠ,đfŠXfg,Â,«,Ü,.
B[fJfefSfŠfo[Éf`fFfbfNf}[fN,đ"ü,ê,é,ÆAfŒfR[fhfEfBf"fhfE,ì—

x,ÉfJfefSfŠŠK'w,ª•Ž!,³ê,Ü,.
Bf`fFfbfN,đ,í,,.,ÆAfŒfR[fhfEfBf"fhfE,¾,ª•Ž!,³ê,Ü,.
B

{button ,AL(`search',0,`,`')} ŠÖ~A€–Ú

fIfŠfwfif<,İŞÇ—□

fJf^f□fO,μ,½ftf@fCf<,İfvfƎfrf...□I

fGfNfXfvf□□[f%,đŽg—p,μ,Äftf@fCf<,đ“Á'è,.é

ftf@fCf<,đfhfLf...f□f“fg,ÉŠ,,è•t,_,é

ftf@fCf<,İfRfs□I

“dŽqf□□[f<,đŽg—p,μ,Äftf@fCf<,đ‘—□M,.é

ftf@fCf<,İ“Ú“®

ftf@fCf<,İ□í□œ

ftf@fCf<,İ•Ò□W

¼,İfvf□fOf%f€,©,çftf@fCf<,đ^ó□ü,.é

 f l f Š f W f i f < , ð Š Ç — □

f J f ^ f □ f O , μ , ½ f t f @ f C f < , ð f v f Ç f r f ... □ [

f l f Š f W f i f < f t f @ f C f < , Í , Ç , Á , ½ , ñ f J f ^ f □ f O , · , é , Æ □ A ' ¼ , ð f A f v f Š f P □ [f V f ‡ f " , ð < N " ® , ¹ , , É , » ,) f v f Ç f r f ...
□ [, ð Ç © , é , ± , Æ , ^a , Å , « , Ü , · □ B f A f v f Š f P □ [f V f ‡ f " □ Ý ' è , Å □ A f T f € f l f C f < , ð f _ f u f < f N f Š f b f N , · ê , ð f v f Ç f r f ...
□ [f E f B f " f h f E , ^a < N " ® , · , é , æ , α , É □ Ý ' è , · , é , ± , Æ , ^a , Å , « , Ü , · □ B □ Ú □ × , Í □ u f A f v f Š f P □ [f V f ‡ f " □ Ý ' è , ð f J f X f ^ f }
f C f Y □ v , ð Ž Q □ Æ , μ , Å , , ¾ , ³ , Ç □ B f v f Ç f r f ... □ [f , □ [f h , Å , Í □ A f C f □ □ [f W , ð f R f s □ [, μ , ½ , è ^ ó □ Ü , · , é , ±
 , Æ , ^a , Å , « , Ü , · □ B

f J f ^ f □ f O , μ , ½ f t f @ f C f < , ð f v f Ç f r f ... □ [, ð • Ž ! , · , é , É , Í □ A ^ È % ° , ð Ž è □ ‡ , É □ [, Ç , Ü , · □ B

1. f Ç f R □ [f h f E f B f " f h f E , Å □ A f v f Ç f r f ... □ [, ð • Ž ! , · , é f t f @ f C f < , ð Ž ! , · f Ç f R □ [f h , ð ' ð , μ , Ü , · □ B

2. [f Ç f R □ [f h] f □ f j f ... □ [, © , ç [f v f Ç f r f ... □ [, ð ' ð , μ , Ü , · □ B

□ Š — L Ž Ö , ð Ç ` Ž ® , ð Ž g — p , · , é f t f @ f C f < , É , Í [f l f Š f W f i f < , ð Š J ,] f R f } f " f h , ð Ž g — p , μ , Ü , · □ B

f t f @ f C f < f v f Ç f r f ... □ [f E f B f " f h f E , ^a \ Ž ! , ³ , è , Ü , · □ B f v f Ç f r f ... □ [, ð Š g ' â □ A □ k □ ¬ □ A % ñ " , ³ , ¹ , é , ±
 , Æ , ^a , Å , « , Ü , · □ B

3. Š J , Ç , Å , Ç , é f v f Ç f r f ... □ [f E f B f " f h f E , ð • Å , ¶ , é , É , Í □ A [f t f @ f C f <] f □ f j f ... □ [, © , ç [• Å , ¶ , é]
 , ð ' ð , · , é , © □ A % E □ ã Š p , É , , é □ m • Å , ¶ , é □ n f { f ^ f " , ð f N f Š f b f N , μ , Ü , · □ B

{ button , AL (` manage ' , 0 , ` , `) } Š Ö ~ A □ € — Ú

flfŠfwfifç,İŞÇ—□

fJf^f□fO,μ,½ftf@fCfç,İfvfƎfrf...□[
fvfƎfrf...□[,İŠg'â□A□k□¬□A%ñ"]

fvfƎfrf...□[fEfBf"fhfE,đ•Ž!,·,é,Æ□A□mfvfƎfrf...□[□n,Æ,ç,Ɔ□V,μ,çf□fjf...

□[,ª□ì□¬,³,ê□Afc□[f<fo□].É[fvfƎfrf...□[f{f^f",ªÇ%Á,³,ê,Ü,·□BfvfƎfrf...

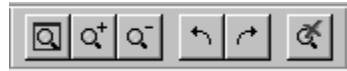
□[fEfBf"fhfE,İ'â,«,³,ÆƎÜ,«,đ•İ□X,μ,½,è□Afrf...□[,đ□%Šú•Ž!,ÉfŠfZfbfg,·,é,±
,Æ,ª,Ä,«,Ü,·□BƎ»□Y,İfY□[f€"{-,İ□Afxfe□[f^fxfo□[,İ%E'ª,É•Ž!,³,ê,Ü,·□B

fvfƎfrf...□[fEfBf"fhfE,đŠg'â/□k□¬,Ü,½,İ%ñ"],·,é,É,Í□A^È%°,İžè□‡,É□],ç,Ü,·□B

1. fvfƎfrf...□[fEfBf"fhfE,đ'l'đ,μ,ÄfAfNfefBfu,É,μ,Ü,·□B

[fvfƎfrf...□[f□fjf...□[,ªf□fjf...□[fo□[,É•Ž!,³,ê□Afc□[f<fo□[,İ%E'ª,ÉfvfƎfrf...

□[f{f^f",ª•Ž!,³,ê,Ü,·□B



2. fvfƎfrf...□[,đŠg'â/□k□¬,Ü,½,İ%ñ"],·,é,É,Í□A^È%°,İ,ç,,ê,©,đ□s,ç,Ü,·□B

□E "K□Ø,ÈfvfƎfrf...□[fAfCfRf"(fY□[f€fAfEfƎg□AfY□[f€fCf"□A□¶,É90□<□A%E,É90□<)
,đ'l'đ,·,é□B

□E "K□Ø,È[fvfƎfrf...□[f□fjf...

□[,İflfvfVf‡f"([fY□[f€fAfEfƎg]□A[fY□[f€fCf"]□A[□¶,É90□<]□A[%E,É90□<]),đ'l'đ,·,é□B

3. fvfƎfrf...□[,đ□%ŠúfTfCfY,ÉfŠfZfbfg,·,é,É,Í□AŽY,İ,ç,,ê,©,đ□s,ç,Ü,·□B

□E [Ǝ³,É-ß,·]fAfCfRf",đ'l'đ,μ,Ü,·□B

□E fvfƎfrf...□[f□fjf...□[,©,ç[Ǝ³,É-ß,·],đ'l'đ,μ,Ü,·□B

4. fvfƎfrf...□[,đfAfvfŠfP□[fVf‡f"fEfBf"fhfE,É□‡,í,¹,é,Í□AŽY,İ,ç,,ê,©,đ□s,ç,Ü,·□B

□E [f□fCf"fEfBf"fhfE,É□‡,í,¹,é]fAfCfRf",đ'l'đ,μ,Ü,·□B

□E fvfƎfrf...□[fEfBf"fhfE,©,ç[f□fCf"fEfBf"fhfE,É□‡,í,¹,é],đ'l'đ,μ,Ü,·□B

{button ,AL(`manage',0,`,`) } ŠÖ~A□€-Ú

flfŠfwfif<,lŠÇ—□

fJf^f□fO,μ,½ftf@fCf<,lfvfƎfrf...□[
fvfƎfrf...□[fCf□□[fW,lfRfs□[

fvfƎfrf...

□[fEfBf“fhfE,ÉfCf□□[fWftf@fCf<,ªŠÜ,Ü,ê,é□ê□±□A,»ê,ð□V<K•¶□‘,ÉfRfs□[,¨,æ,Ñfy□[fXfg,·,é,±
,Æ,ª,Ä,«,Ü,·□BfƎfCfAfEfƎg•¶□‘,Ä•iŽž,ð□Ä—Ç,É,μ□Afo□[fWf‡f“ŠÇ—□,ð—
e^Ö,É,·,é,É,Í□AŽÀ,lfIfŠfwfif<ftf@fCf<,ðfRfs□[,·,é,Æ,æ,¢
,Ä,μ,â,ª□B□Ú□x,í□u~~flfŠfwfif<,lfRfs□~~□v,Æ□u~~flfŠfwfif<,ð□V<K•¶□‘,É~~’“ü□v,ðŽQ□Æ,μ,Ä,,¾,¾,¢□B

fvfƎfrf...□[fCf□□[fW,ðfRfs□[&fy□[fXfg,·,é,É,Í□A^È%°,lŽè□±,É□],¢,Ü,·□B

1. fvfƎfrf...□[fEfBf“fhfE,ð'l'ð,μ,ÄfAfNfefBfu,É,μ,Ü,·□B

2. [•Ö□W]f□fjf...□[,©,ç[,·,x,Ä,ð'l'ð],ð'l'ð,μ□A'±,¢,Ä[fRfs□],ð'l'ð,μ,Ü,·□B

3. fRfs□[,μ,½fCf□□[fW,ðfhfLf...f□f“fg,Éfy□[fXfg,μ,Ü,·□B

fvfƎfrf...□[fCf□□[fW,l'i'ð,μ,½•ª,ðfRfs□[,·,é,É,Í□A^È%°,lŽè□±,É□],¢,Ü,·□B

1. fvfƎfrf...□[fEfBf“fhfE,ð'l'ð,μ,ÄfAfNfefBfu,É,μ,Ü,·□B

2. f}fEfX,ðŽg—p,μ,Ä□AfCf□□[fW,lfRfs□[,·,é•ª,ð'l'ð,μ,Ü,·□B

'l'ð•ª,í“_ü,ÄŽ!,¾,ê,Ü,·□B

3. [•Ö□W]f□fjf...□[,©,ç[fRfs□],ð'l'ð,μ,Ü,·□B

4. fRfs□[,μ,½fCf□□[fW,ðfhfLf...f□f“fg,Éfy□[fXfg,μ,Ü,·□B

{button ,AL(`manage',0,`,`')} ŠÖ~A□€—Ú

📄fIfŠfWfifç,ìŠÇ—□

📄fJf^f□fO,μ,½ftf@fCfç,ìfvfƎfrf...□[
fvfƎfrf...□[fCf□□[fW,ì^ó□ü

Cumulus,©,çfvfƎfrf...□[fCf□□[fW,ð^ó□ü,·,é,É,í□A^È%°,ìŽè□‡,É□],ç,Ü,·□B

1. [ftf@fCfç]f□fjf...□[©,ç[~ó□üfvfƎfrf...□],ð'ì'ð,μ,Ü,·

[^ó□ü]f_fCfAf□fOf{fbfNfX,^Ž!,³,ê,Ü,·□B

2. f_fCfAf□fOf{fbfNfX,Å“K□Ø,È□Ý'è,ð□s,ç□A[OK],ðfNfŠfbfN,μ,Ü,·□B

{button ,AL(`manage',0,`,`) } ŠÖ~A□€–Ú

fIfŠfWfif<,lŠÇ—□

fGfNfXfvf□□[f%o,đŽg—p,μ,Äftf@fCf<,đ“Á’è,·,é

[fÆfR□[fh]f□fjf...□[©,ç[fGfNfXfvf□□[f%o],đ'l'đ,·,é,Æ□AWindows,l̘GfNfXfvf□□[f%o
,ÉfIfŠfWfif<ftf@fCf<,l̘Ü‘¶□ê□Š,đ•\Ž!,Ä,«,Ü,·□B

Windows,l̘GfNfXfvf□□[f%o,Åftf@fCf<,đ,·,î,â,“Á’è,·,é,É,Í□A^È%o°,l̘Žè□‡,É□],¢,Ü,·□B

1. fÆfR□[fhfEfBf“fhfE,ÅfÆfR□[fh,đ'l'đ,·,é,©□A[fÆfR□[fhfvf□pfefB]fEfBf“fhfE,đ•\Ž!,μ,Ü,·□B

2. [fÆfR□[fh]f□fjf...□[©,ç[fGfNfXfvf□□[f%o],đ'l'đ,μ,Ü,·□B

Windows,l̘GfNfXfvf□□[f%o,^a<N“@,³,ê□Aftf@fCf<,l̘ê□Š,đ•\Ž!,μ,Ü,·□B•i□”,l̘ftf@fCf<,^al'đ,³,ê,Ä,¢
,é□ê□‡,Í□A•i□”,l̘GfNfXfvf□□[f%ofEfBf“fhfE,^a\Ž!,³,ê,Ü,·□B

{button ,AL(`manage',0,`,`')} ŠÖ~A□€–Ú

 flfŠfwfifç,ìšç—□

ftf@fCfç,ðfhfLf...f□f“fg,ÉŠ,,,è•t,¯,é

fœfR□[fh,ðfhf%bfO&fhf□bfv,·é,±,Æ,Å□A'¼,ìfAfvfŠfP□[fVf‡f“,ìfhfLf...f□f“fg,É,·,î,â,-
ftf@fCfç,ðŠ,,,è•t,¯,é,±,Æ,ª,Å,«,Ü,·□B,±,ì<@“\,í□AOLE,ìfhf%bfO&fhf□bfv,ðfTf|□[fg,µ,Å,ç
,éfAfvfŠfP□[fVf‡f“,Å,ì,YŽg—p,·,é,±,Æ,ª,Å,«,Ü,·□B

ftf@fCfç,ðfhf%bfO&fhf□bfv,É,æ,èŠ,,,è•t,¯,é,É,í□A^È%º,ìžè□‡,É□],ç,Ü,·□B

1. -Ú“l,ìfAfvfŠfP□[fVf‡f“,ªŽÀ□s,³,ê,Ä,ç,Ä□A'î□û,ìfhfLf...f□f“fg,ªŠJ,ç,Ä,ç,é,±,Æ,ðŠm”F,µ,Ü,·□B

2. Š,,,è•t,¯,éftf@fCfç,ìfœfR□[fh,ð'ìð,µ,Ü,·□B

3. fœfR□[fh,ðfNfŠfbfN,µ,Ä□A-Ú“l,ìfhfLf...f□f“fg,Éfhf%bfO,µ,Ü,·□B

{button ,AL(`manage',0,`,`')} ŠÖ~A□€-Ú

ftf@fCf<,ìfRfs□[

¼:O,lf tHf<f_,"a□□¬,³ê□ASÖ~A,.,é,.,x,Ä,lf t fR□[fh,lf t fS fW f i f<f t f@f C f<,"a,»,lf t fHf<f_,"l†,É f R f s□[l,³,ê,Ü,."□B

p□v,đŽQ□Æ,μ,Ä,,³/₄,³,¢□B

□M,·,é□v,ďŽQ□Æ,μ,Ä,,¾,³,¢□B

```
{button ,AL(`manage',0,`,`')} ŠÖ~A□€–Ú
```


UflfŠfWfif<,lŠÇ—□

Uftf@fCf<,lfRfs□[

[flfŠfWfif<,ðfRfs□□,ðŽg—p

[flfŠfWfif<,ðfRfs□□,ðŽg—

p,μ,Ä□AfJf^f□fO,μ,½ftf@fCf<,ðfÇfR□[fhfEfBf“fhfE,Ü,½,Í[fÇfR□[fhfvf□pfefB]fEfBf“fhfE,©
,çfRfs□[,·,é,±,Æ,ª,Ä,«,Ü,·□B

ftf@fCf<,ðfRfs□[,·,é,É,Í□A^È%°,lŽè□‡,É□],¢,Ü,·□B

1. fJf^f□fOfEfBf“fhfE,ÅfÇfR□[fh,ð'l'ð,μ,Ü,·□B

2. fÇfR□[fhf□fjf...□[,©,ç[flfŠfWfif<,ðfRfs□□
,ðfNfŠfbfN,μ,Ü,·□B[fÇfR□[fhfvf□pfefB]f_fCfAf□fOf{fbfNfX,Å□A%Ef}
fEfXf{f^f“,ðfNfŠfbfN,μ,Ä□Af|fbfvfAfbfvf□fjf...□[,©,ç[flfŠfWfif<,ðfRfs□□,ð'l'ð,·,é,±
,Æ,à,Ä,«,Ü,·□B

[flfŠfWfif<,ðfRfs□□]f_fCfAf□fOf{fbfNfX,^aŽ³,ê,Ü,·□B

3. [•Ů‘Ŧ[,·,é□ê□Š]ftfB□[f<fh,É•Ů‘Ŧ□æ,ð“ü—Í,μ□A[•Ů‘Ŧ]
,ðfNfŠfbfN,μ,Ü,·□B•İ□X,ðŽæ,è□Á,·,É,Í□A[fLfff“fZf<],ðfNfŠfbfN,μ,Ü,·□B

{button ,AL(`manage',0,`,`)} ŠÖ~A□€–Ú

 flŠfwfif<,lŠÇ—□

“dŽqf□□[f<,đŽg—p,μ,Äftf@fCf<,đ‘—□M,·,é

,±,lfRf}}f“fh,đŽg,μ,Æ□ACumulus,©,çftf@fCf<,đ□A“dŽqf□□[f<,l“Y•tftf@fCf<,Æ,μ,Ä‘—□M,·,é,±,Æ,^a,Ä,«,Ü,·□B“dŽqf□□[f<,đŽg—p,μ,Äftf@fCf<,đ“z•z,·,é,É,Í□AMAPI (Messaging Application Programming Interface),ÆŒŸŠ·□«,l, ,é“dŽqf□□[f<fVfXfef€,^a•K—v,Ä,·□B

ftf@fCf<,đ“dŽqf□□[f<,Ä‘—□M,·,é,É,Í□A^È%°,lŽè□‡,É□],¢,Ü,·□B

1. ‘—□M,·,éftf@fCf<,É‘l%ž,·,éŒfR□[fh,đ‘l’đ,μ,Ü,·□B
2. [ftf@fCf<]f□fjf...□[,©,ç[fIfŠfwfif<,đf□□[f<,É“Y•t],đ‘l’đ,μ,Ü,·□B
[fvf□ftf@fCf<,l‘l’đ]f_fCfAf□fOf{fbfNfX,^a•Žl,³,ê,Ü,·□B
3. fVfXfef€,ÉfCf“fXfg□[f<,³,ê,½“dŽqf□□[f<fVfXfef€,ÉŠî,Ã,¢,½fvf□ftf@fCf<,đ‘l’đ,μ,Ü,·□B
4. □V,μ,¢□î•ñfT□[frfX,đ‘l’đ,·,é,É,Í□A[□ì□¬],đfNfŠfbfN,μ□A•Žl,³,ê,éŽwŽl,É□],¢,Ü,·□B
5. [fvf□ftf@fCf<,l‘l’đ]f_fCfAf□fOf{fbfNfX,đ•Ä,¶,Ä•Žl,³,ê,½fvf□ftf@fCf<,đ—
LŒø,É,·,é,É,Í□A[OK],đfNfŠfbfN,μ,Ü,·□B•ï□X,đŽæ,è□Ä,·,É,Í□A[fLfff“fZf<],đfNfŠfbfN,μ,Ü,·□B
{button ,AL(`manage',0,`,`')} ŠÖ~A□€—Ú

📄fIfŠfWfif<,İŞÇ—□
ftf@fCf<,İˆÚ“®

Cumulus,©,ç,İftf@fCf<ˆÚ“®,Í□A2Žè□‡,Å□s,í,ê,Ü,·□B,Ü,·□Aftf@fCf<,ª□V,µ,¢□ê□Š,ÉfRfs□[,³,ê□AŽŸ,
ÉŒ³,İ□ê□Š,©,ç,».,İftf@fCf<,ª□í□œ,³,ê,Ü,·□B“Žž,É□Aftf@fCf<fŠftf@fŒf“fX,Í□AˆÚ“®□æ,İ□ê□Š,É•
İ□X,³,ê,Ü,·□B

fJf^f□fO,µ,½ftf@fCf<,đˆÚ“®,.,é,É,Í□AˆÈ%º,İžè□‡,É□],¢,Ü,·□B

1. [fŒfR□\[fhfEfBf“fhfE](#),ÅfŒfR□[fh,đ'İ'đ,.,é,©□A[[fŒfR□\[fhfvf□pfefB](#)]fEfBf“fhfE,đ•Žİ,µ,Ü,·□B

2. [fŒfR□[fh]f□fjf...□[,©,ç[fIfŠfWfif<,đˆÚ“®],đ'İ'đ,µ,Ü,·□B

[fIfŠfWfif<,đˆÚ“®]f_fCfAf□fOf{fbfNfX,ª•Žİ,³,ê,Ü,·□B

3. [•Ů'ŋ,.,é□ê□Š]ftfB□[f<fh,É•Ů'ŋ□æ,đ“ü—Í,µ□A[•Ů'ŋ]
,đfNfŠfbfN,µ,Ü,·□B•İ□X,đŽæ,è□Á,.,É,Í□A[fLff“fZf<],đfNfŠfbfN,µ,Ü,·□B

4. 'İ'đ,µ,½,·,x,Ä,İftf@fCf<,É'İ,µ,Ä□AŽè□‡3,đŒJ,è•Ô,µ,Ü,·□B

“Á'è,İ□ê□Š,Éftf@fCf<,ªˆÚ“®,³,ê□A,·,x,Ä,İfŠftf@fŒf“fX,ª□X□V,³,ê,Ü,·□B

{button ,AL(`manage',0,`,`')} ŠÖ~A□€—Ú

 fIfŠfWfif<,lŠÇ—
ftf@fCf<,lííœ

[fŒfR[fh,ðííœ]f_fCfAf_fOf{fbfNfX,Å[fIfŠfWfif<ftf@fCf<,àííœ,·,é]fIfvfVf‡f“,ð'l'ð,·,é,Æ
A'l'ð,μ,½fŒfR[fh,ÆfIfŠfWfif<ftf@fCf<,l—¼•û,ð,·,î,â,ííœ,·,é,±,Æ,^aÅ,«,Û,·B

fŒfR[fh,Æftf@fCf<,l—¼•û,ðííœ,·,é,É,Í^È%°,lžè‡,É],¢,Û,·B

1. fŒfR[fhfEfBf“fhfE,ÅAííœ,·,éŒfR[fh,ð'l'ð,μ,Û,·B

2. [fŒfR[fh]f_fjf...[.,ç[fŒfR[fh,ðííœ],ð'l'ð,·,é,©ADELETEfL[,ð%Ÿ,μ,Û,·B

[fŒfR[fh,ðííœ]f_fCfAf_fOf{fbfNfX,^aŽ!,³,ê,Û,·B

3. [fIfŠfWfif<,àííœ,·,é],ð'l'ð,μA[ííœ],ðfNfŠfbfN,μ,Û,·B•İX,ðžæ,èÁ,·,É,ÍA[fLff“fZf<]
,ðfNfŠfbfN,μ,Û,·B

'l'ð,μ,½fŒfR[fh,ÆA,»],lŒfR[fh,Éî%ž,·,éIfŠfWfif<ftf@fCf<,l—¼•û,^aííœ,³,ê,Û,·B

{button ,AL(`manage',0,`,`)} ŠÖ~A€–Ú

 flfŠfwfif<,lšÇ—
ftf@fCf<,l•òW

ftf@fCf<,ð•òW%Â",Èfvf□fOf%œ,afCf"fXfg□[f<,³,ê,Ä,¢,é□ê□‡,í□ACumulus,ðŽg—
p,μ,Ä,»,l̇fvf□fOf%œ,ð<N"®μ□Aftf@fCf<,ðŠJ,,±,Æ,^aÄ,«,Ü,·□B

fJf^f□fO,μ,½ftf@fCf<,ð'¼,l̇fvf□fOf%œ,Ä•òW,·,é,É,í□A^È%°,l̇žè□‡,É□],¢,Ü,·□B

1. fœfR□[fhfEfBf"fhfE,ÅfœfR□[fh,ð'l'ð,μ,Ü,·□B

2. fœfR□[fhf□fjf...□[Ü,½,ífœfR□[fhf|fbfvfAfbfvf□fjf...□[©,ç[fIfŠfwfif<,ðŠJ,]
,ðfNfŠfbfN,μ,Ä□A[□ì□¬fvf□fOf%œ],Ü,½,í[«,l'¼],ð'l'ð,μ,Ü,·□B

,»,l̇ftf@fCf<,l̇ì□¬fvf□fOf%œ

,^a<N"®μ□Aftf@fCf<,ðŠJ,«,Ü,·□B□m,»,l'¼□n,ð'l'ð,μ,½□ê□‡,í□AfAfvfŠfP□[fVf‡f",ðŽw'è,·,éf_fCfAf
□fO,^aœ»,ê,Ü,·□B

{button ,AL(`manage',0,`,`')} ŠÖ~A□€–Ú

 fIfŠfWfif<,İŞÇ—□

‘¼,İfvf□fOf%œ,©,çftf@fCf<,đó□ü,·,é

fIfŠfWfif<,İó□ü,ª%Â",Èfvf□fOf%œ,ªfCf“fXfg□[f<,³,ê,Ä,¢,ê,Î□ACumulus,đŽg,Á,Ä,»,İfvf□fOf%œ
,đ<N“®,µ□Aftf@fCf<,đó□ü,·,é,±,Æ,ª,Ä,«,Ü,·□B^ó□ü,İST—v,Í□u□[i·ñ,İó□ü](#)□v,đŽQ□Æ,µ,Ä,,¾,¾,¢□B

fJf^f□fO,µ,½ftf@fCf<,đ¼,İfvf□fOf%œ,Ä^ó□ü,·,é,É,Í□A^È%°,İžè□‡,É□],¢,Ü,·□B

1. fJf^f□fOfEfBf“fhfE,ÄfœfR□[fh,đ‘đ,µ,Ü,·□B

2. fœfR□[fhf□fjf...□[Ü,½,Í[fœfR□\[fhf|fbfvfAfbfvf□fjf...□](#)],©,ç[fIfŠfWfif<,đó□ü]
,đfNfŠfbfN,µ,Ä□A[□ì□¬fvf□fOf%œ],Ü,½,Í[«,İ¼],đ‘đ,µ,Ü,·□B

»,İftf@fCf<,Éî%ž,·,éfvf□fOf%œ,ª<N“®,µ□Aftf@fCf<,đŠJ,¢,Ä^ó□ü,µ,Ü,·□B

{button ,AL(`manage',0,`,`')} ŠÖ~A□€—Ú

Cumulus, ěg—p—á

[fTf“fvf<fVfifŠfl, ěg—p](#)

[Cumulus Browser, ěg—p](#)

[Cumulus Internet Media Server, ěg—p](#)

[Cumulus, ěŽ©“®%»](#)

[Vento, ěg—p](#)

[Cumulus“à,ÉŠÜ,Ü,ê,éŽ©“®%»fXfNfŠfvfg, ěg—p](#)

Cumulus, lžg—p—á fTf“fvf<fVfifŠfI, lžg—p

Cumulus, l^, l`Đ—Í, Í Af [fNftf [l, lŠÈ`Õ%»», ÆŠÇ—, ÉŽg—p, Å, «, é, ³, Ü, ´, Ü, È•û—@, É, , è, Ü, · B^È%°, l
fgfsfbfN, Í Af† [fU, lCumulus“±“ü, l—œ÷—á, Å, · B

fVfifŠfI 1: f fS, l³, µ, çfo [fWf±f“, ð`T, ·

fVfifŠfI 2: fCf [fW, l”z•z

fVfifŠfI 3: f}f<f`f [fftBfA Efvf [fWfFfNfg, lŠÇ—

 Cumulus, ĺžg—p—á

 fTf“fvf<fVfifŠſl, ĺžg—p

fVfifŠſl 1: f□fS, ĺ³, μ, ϕfo□[fWf‡f“, đ’T, ·

, , é□¬, ³Ě□L□□ă—□“X, Ě<Ĺ±, ·, éOf%oftfBfbfNffUfCfi□[, ^a□A□Vfpf“ftfĚfbfg□ì□¬, Ě, , ½, Ā, Ā□AĚÚ
<q, ĺf□fS, đ<}, ϕ, ĀĚ©, Ā, ¬□o, ·•K—v, Ě”—, ϕ, ě, Ā, ϕ, Ů, ·□B

—â‘è“_

,», ĺf□fS, Ĺ□A•a<C, ĀĚ‡<Ĺ, μ, Ā, ϕ

, é‘¼, ĺfffUfCfi□[, ^a□Ā<ß□i, ě‘¼, μ, ½, à, ĺ, Ā, ·□BĚ»□Ý, ĺfvf□fWfFfNfg, Ĺ, Ů, Ā, ñ, ϕ, ^a<α‘ĚftfHf<f_Ě•Ů‘ŋ, ³, ě, Ā, “
, ě□ACumulus, đŽg, Ā, Ā‘Ç□Ō, ³, ě, Ů, ·□B

%đĚ^□đ

fOf%oftfBfbfNffUfCfi□[, Ĺ□ACumulus, đŽg, Ā, Ā□AŽŸ, ĺ, æ, ρ, Ě•K—v, Ěf□fS, đŽè‘□, -
ĚŸ□đ, μ□Af_fĚf“f□□[fh, μ, Ů, ·□B

1. [Cumulus, đ<N“@, μ, Ā□AĚ»□Ý, ĺfvf□fWfFfNfg, ĀŽg—p, ³, ě, Ā, ϕ, éfJf^f□fO, đŠJ, <, Ů, ·□B](#)

2. ŽŸ, Ě□AfĚfR□[fh-¼□uXXŽĐf□fS□v, ĄfXfe□[f^fX□u□³F□i, Ý□v, Ā•i□±ĚŸ□đ, đ□s, ϕ, Ů, ·□B
ĚŸ□đfNfGfŠ, Ā“~èf□fS, ĺ3, Ā, ĺfo□[fWf‡f“, ^aĚ©, Ā, ©, ě, Ů, ·□B

3. fOf%oftfBfbfNffUfCfi□[, Ĺ□AfĚfR□[fhf□fjf...□[, ©, ϕ[[fvfĚfrf...□□](#)]
, đ‘Ĺđ, μ, Ā□AŠefĚfR□[fh, đfvfĚfrf...□[, μ, Ů, ·□B

4. 2, Ā, ĺfCf□□[fW, ^a“~‘ŋ, æ, ρ, ĚĚ©, !, ½, ĺ, Ā□AfĚfR□[fhf□fjf...□[, ©, ϕ[[fvf□fpfefB](#)]
, đ‘Ĺđ, μ, Ā□AŠefĚfR□[fh, ĺfvf□fpfefB, đĚŸ“ϕ, μ, Ů, ·□B

5.

□ufĚfR□[fh□Ěfvf□fpfefB□vf_fCfAf□Of{fbfNfX, Ě•Ů‘ŋ, ³, ě, ½□î•ñ□i□C□³“ú, âfm□[fg, Ě, ϕ□j, đ
ĚŸ“ϕ, μ, Ā□A, ϕ, ě, ^a“K□Ø, ĚfCf□□[fW, ©”»‘f, μ, Ů, ·□B

6. fOf%oftfBfbfNffUfCfi□[, ĺfĚfCfAfEfeg, ĚfCf□□[fW, đ[Rfs□□](#)], μ, Ā□A“Ç, Ý□ž, Ý, Ů, ·□B

{button ,AL(`scenario',0,`,')}) ŠÖ~A□€—Ú

 Cumulus, ðžg—p—á

 fTf“fvf<fVfifŠfl, ðžg—p

fVfifŠfl 2: fCf□□[fW, ð”z•z

, , é□¬,³, ÈffWf^f<%æ'æ□^—

□%iŽĐ, í□AMacintosh, ÆWindowsf†□[fU, ÈfXfgfbfNŽÊ□^, ÆfCf%oXfgfÆ□[fVf†f“, ð”ì”„, μ, Ä, ¢

, Ü, ·□BfCf□□[fW, í□A~ —□fe□[f}ŽwÆü, ðftfHf<f_□\‘¢, ðžg, Á, ÄCD-

ROM, ÄÆÚ<q, È”z•z,³, ê, Ü, ·□BÆ»□Y, ·, x, Ä, ðfCf□□[fW, í□A‘½□”, ðJAZfJ□[fgfŠfbfW, È•Ü‘¶,³, ê, Ä, ¢, Ü, ·□B

—à‘è“_

, ±, ð%oiŽĐ, í□AŽĐ“à, Á, ·, x, Ä, ðfCf□□[fW, ð’Ç□Ö, ·, é, ½, ß, ðÆø—|“l, Å□A—LÆø, Å□AŽg, ¢, â, ·, ¢•û—@, ð—

í□ð, μ, Ä, ¢, Ü, ·□B, Ü, ½□Afcf□□[fW, ðÆÚ<q, È”z•z, ·, é—LÆø, È•û—@, à’T, μ, Ä, ¢, Ü, ·□B

%oðÆ^□ô

%oiŽĐ, ð□§□i•”·, í□ACumulus, ðžg, Á, Ä□AŽY, ð, æ, α, Èžg—p%Ä”, ÈfCf□□[fW, ðJf^f□fO, ð□i□¬, μ, Ü, ·□B

□E , ·, x, Ä, ðfCf□□[fW, ðfJf^f□fO, μ, Ü, ·□B

□E fIfŠfWfif<, ðfÆfR□[fh—¼, ð□i□¬, μ, Ü, ·□B

□E •i□”, ðJfefeSfŠ, È•ª—p,³, ê, éfCf□□[fW, ðfGfCfŠfAfX, ð□i□¬, μ, Ü, ·□B

□E fffUfcfí□[ŽÊ□^%Æ, ð—¼‘O□Afe□[f}□A, Ü, ½, í□E—±—

¼, ðžg, Á, Ä□AŠefÆfR□[fh, ðfm□[fg, ð<L□q, μ, Ü, ·□B

f□fCf“fJf^f□fO,ªŠ®□¬, ·, é, Æ□A□§□i•”·, íCumulus Browser, ðžg, Á, Ä•Ê, ð”z•z—

pfJf^f□fO, ð□i□¬, μ, Ü, ·□B

{button ,AL(`scenario',0,`,`) } ŠÖ~A□€—Ú

Cumulus, lžg—p—á

fTf“fvf<fVfifŠfl, lžg—p

fVfifŠfl 3: f}f<f`f□fffBfAfvf□fWfFfNfg, lŠÇ—□

, , é□¬,³, Èf}f<f`f□fffBfAŠÖ~A%ïŽĐ, Í□A¹½□”, ÌCEÚ<q, Ì, ½, ß, ÉˆĭbCE^f}

f<f`f□fffBfAfvf□fWfFfNfg, ð□ì□¬, μ, Ä, Ç

, Ü, ·□B, Ü, Æ, ñ, Ç, Ìfvf□fWfFfNfg, ÉfCf□□[fW□AfTfEf“fh□Afrffl□A, ·, æ, Ñf}

f<f`f□fffBfA□Ef□[fTfŠf“fOftf@fCf<□iDirector, Ü, ½, ÍAuthorware□j, ºŠÜ, Ü, ê, Ä, Ç, Ü, ·□B, ±

, Ì%ïŽĐ, É, Í12~¼, Ìftf<f^fCf€□]<Æˆð, º, ·, è□A, »., ê, ¼, ê•j□”, ÌCE_—ñŽÖ, ðŽg, Ä, Ä, Ç, Ü, ·□B

<º—Lftf@fCf<Ífvf□fWfFfNfg•É, É□AZŸ, Éftf@fCf<CEˆŽ•É, ÉftfHf<f_, É•ÜˆŸ,³, ê, Ü, ·□BfJf^f□fO, Í—
ˆˆÓ□AfŠf€□[fofuf<fJ□[fgfŠfbfW, ÉŽ©“Í, ÉfofbfNfAfbfv,³, ê, Ü, ·□BS®□¬, μ, ½fvf□fWfFfNfg, ÍCD-
ROM, É•ÜŠÇ,³, ê, Ü, ·□B

—â‘è“_

f}f<f`f□fffBfAfvf□fWfFfNfg, ÉŽg—p,³, ê, éftf@fCf<□”, º¹½,-

□Aftf@fCf<CEˆŽ, º¹½Šð, É, Í, ½, é, ½, ß□A%ïŽĐ, Í, Æ, «, Éfo□[fWf†f“ŠÇ—□, Ì—â‘è, Éˆˆ<ð, ·, é, ±, Æ, º, ·, è□A□d—

vftf@fCf<·, ÜŠÇ□ê□Š, ðCEê, Ü, é, ±, Æ, à□, É,, ·, è, Ü, ¹, ñ□B,³, Ç, É□ACD-

ROM, ÉfA□[fJfCfu,³, ê, ½fvf□fWfFfNfg, É, ·, ®, ÉfAfNfZfX, μ, æ, º, Æ, μ, Ä, à□A”ñ□í, ÉŽžŠÖ, º, ©, ©, é, ±, Æ, º, ·, ,

è, Ü, ·□B%ïŽĐ, ÌfÌfŠfWfif<ftf@fCf<, ðCEø—Í“Í, ÉŠÇ—□, ·, é•ü—@, ð—Í□ð, μ, Ä, Ç, Ü, ·□B

%ðCE^□ð

fvf□fWfFfNfgŠÇ—□Žâ”C, Í□A2, Â, ÌfJf^f□fO, ð□ì□¬, μ, Ü, ·□B1, Â, ÍCE»□Ý, Ìfvf□fWfFfNfg—

p, Â□A, à, º1, Â, ÍŠ®□¬fvf□fWfFfNfg—p, Â, ·□BCE»□Ý, Ìfvf□fWfFfNfg—

pfJf^f□fO, É, Í□AfXf^fbft, ºŽŸ, Ìf^fXfN, ðŽÄ□s, μ, Ü, ·□B

□E , ·, x, Ä, ÌfJf^f□fO□Ýˆ, ð□□□—□i□wCumulus Network Desktop/Desktop PLUS<º‘Éf}fjf...

fAf<□x, ðŽQ□Æ□j

□E , ·, x, Ä, ÌfCf□□[fW, Æ, »., Ì¼, Ìfvf□fWfFfNfg—vˆf, ðfJf^f□fO

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Cumulus, lžg—p—á

Cumulus Internet Media Server, lžg—p

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□E Microsoft Visual Basic

□E Microsoft Visual C++

□E Microsoft Visual J++

□E Borland Delphi

□E PowerSoft PowerBuilder

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(<http://www.crs.co.jp>)□B

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3. fÆfR□[fh,É“o~^,·,éfXfe□[f^fX,ð“ü—í,μ,Ü,·□B

fXfe□[f^fX,ð'l'ð,μ,â,·,¢,æ,α,É□AÆ»□Ý,ìfXfe□[f^fXfŠfXfg,ì^ê•”,a“ü—

íftfB□[f<fh,É•Ž,¾,¾,Ü,·□BfXfe□[f^fX,í□AfXfe□[f^fXfŠfXfg,É“o~^,μ,½,à,ì,Æ““,¶,à,ì,ð“ü—í,μ,Ä,-
,¾,¾,¢□B

{button ,AL(`automation',0,`,`')} ŠÖ~A□€—Ú

 Cumulus,ÉŠÜ,Ü,ê,éŽ©“®%»fXfNfŠfvg,lžg—p

 fÆfR□[fh,ÆfJfefSfŠ

□d•i,μ,Ä,¢,éfJfefSfŠ,ð'T,·


□m□d•i,μ,Ä,¢


,éfJfefSfŠ,ð'T,·□n,í□AfAfNfefBfu,ÈfJf^f□fO'†,ì□d•i,·,éfJfefSfŠ,ðÆŸ□o,μ,Ü,·□B□d•i,·,éfJfefSfŠ,^aÆŸ□o,³,ê,½□ê□‡,í□A□m□d•i,μ,Ä,¢,éfJfefSfŠ,ð'T,·□n,í,·,x,Ä,ìfÆfR□[fh,ð□Å□%

,ìfJfefSfŠ,É□Ä“o~^,μ,Ü,·□BŽŸ,É□A□d•i,·,éftfHf<f_,Ä, ,é,±,Æ,^aí,©,é,æ,¤

,É□A,»,ê~ÈŠO,ì,·,x,Ä,ìfJfefSfŠ,ì–¼'O,ð•í□X,μ□A□í□œ,·,é,©,Ç,¤,©,ðf†□[fU,ÉŠm"F,μ,Ü,·□B

{button ,AL('automation',0,`,`')} ŠÖ~A□€–Ú


 Cumulus,ÉŠÜ,Ü,ê,éŽ©“®%»fXfNfŠfvg,lžg—p


 fÆfR[fh,ÆfJfefSfŠ

Æ»□Ý“ú•t,ÅfJfefSfŠ,ð'T,·

□mÆ»□Ý“ú•t,ÅfJfefSfŠ,ð'T,·□n,Í□AÆ»□Ý,ì“ú•t,ð—¼'O,É,μ,½□V,μ,¢fJfefSfŠ,ð□i□¬,μ,Ü,·□B

{button ,AL(`automation',0,`,`')} ŠÖ~A□€–Ú

 Cumulus,ÉŠÜ,Ü,ê,éŽ©“®%»fXfNfŠfvg,lžg—p

 fÆfR□[fh,ÆfJfefSfŠ

fÆfR□[fh,“,æ,ŃOPlftf@fCf<,đ□í□œ

□mfÆfR□[fh,“,æ,ŃOPlftf@fCf<,đ□í□œ□n,í□A'l'đ,μ,½,.,x,Ä,lÆfR□[fh,“,æ,Ń,»,ê,É'í%ž,.,é□,%đ'œ“xf
tf@fCf<,ÆOPlfÆfCfAfEfgftf@fCf<,đ□í□œ,μ,Ü,·□BCumulus,í□AŠg'£Žq,ÆfTfuftfHf<f_,ì□ê□Š,ì,Ç,
¿,ç,đŽg—p,μ,ÄOPlftf@fCf<,đ□Ä”FŽ¯,.,é,©,đf†□[fU,ÉŠm”F,μ,Ü,·□B

{button ,AL(`automation',0,`,`')} ŠÖ~A□€–Ú

 Cumulus, ðŽg—p—á

 Cumulus, ÉŠÜ, Ü, ê, éŽ©“®%»fXfNfŠfvfg, ðŽg—p
ftf@fCf<fŠftf@fÆf“fX, ðŠÇ—

ftf@fCf<fŠftf@fÆf“fX, ÍAflfŠfWfi<ftf@fCf<, ðêŠ, ðŽ!, μ, Ü, ·B Cumulus, ÍAflJf^fO, μ, ½Šeft
f@fCf<, ðfÆfR[fh, Èftf@fCf<ŽQÆ, ð•Ü“Ŧ, μ, Ü, ·Bftf@fCf<, ðÜ“®, ·, é, ÆA, ±
, ê, ç, ðftf@fCf<fŠftf@fÆf“fX, ðXV, ·, é•K—v,^a, è, Ü, ·BÍ, ÉCumulus, ðŽg—
p, μ, Äftf@fCf<, ðÜ“®, ·, éê†, ÍAftf@fCf<fŠftf@fÆf“fX, ðŽ©“Ŧ, ÉXV,³ê, Ü, ·B

^È%°, ðfXfNfŠfvfg, ÍA, æ, è•iŽG, Èftf@fCf<Ü“®, ðs, aA, ·, é, ç, ÍCumulus, ðŽg—
p,¹, ·, ÉÜ“®, μ, ½ftf@fCf<, ðfŠftf@fÆf“fX, ðXV, ·, éÜ, É•Ö—, Ä, ·B


ftfHf<f_Ü“®Æã, ðfŠftf@fÆf“fX, ðŠm”F

ftf@fCf<fŠftf@fÆf“fX, ðŽwè¥•İX

ftfHf<f_Ü“®

{button ,AL(`automation',0,`,`)} ŠÖ~A€–Ü

 Cumulus,ÉŠÜ,Ü,ê,éŽ©“®%»fXfNfŠfvfg,ìŽg—p

 ftf@fCf<fŠftf@fÆf“fX,ìŠÇ—□

ftfHf<f_~Ú“®Æã,ìfŠftf@fÆf“fX,ðŠm”F

[ftfHf<f_~Ú“®Æã,ìfŠftf@fÆf“fX,ðŠm”F]

,l□A¼,ì□ê□Š,É^Ú“®³ê,½ftfHf<f_“à,ìftf@fCf<,ðŽ!,·□A,·,x,Ä,ìfÆfR□[fh,ìftf@fCf<fŠftf@fÆf“fX,ð

□X□V,μ,Ü,·□B[ftfHf<f_~Ú“®Æã,ìfŠftf@fÆf“fX,ðŠm”F]

,í□AŠÖEW,·,é,·,x,Ä,ìfÆfR□[fh,ðÆÿ□ð,μ□AÆÃ,¢ftfHf<f_□ifJf^f□fO,ìfÆfR□[fh,É, ,é•Û‘¶□ê□Š□j,É

^êv,·,éftfHf<f_¼,ð²,x,Ü,·□B

{button ,AL(`automation',0,`,`')} ŠÖ~A□€–Ú

Cumulus,ÉŠÜ,Ü,ê,éŽ©“®%»fXfNfŠfvfg,ìŽg—p

ftf@fCf<fŠftf@fÆf“fX,ìŠÇ—□

fŠftf@fÆf“fX,ðŽw'è□E•ï□X,·,é

[fŠftf@fÆf“fX,ðŽw'è□E•ï□X,·,é]

,l□A'l'ð,μ,½fÆfR□[fh,ìtf@fCf<fŠftf@fÆf“fX,ð□V,μ,¢ftf@fCf<,ì□ê□Š,É□X□V,μ,Ü,·□BflfŠfWfif<
ftf@fCf<,ìfRfs□[,ð□ì□¬,μ,½Æã□AfŠftf@fÆf“fX,ðfRfs□[□æ,ìtf@fCf<,É•ï□X,·,é,Æ,«,ÉŽg,¢,Ü,·□B

fŠftf@fÆf“fX,ðŽw'è□E•ï□X,·,é,ðŽg—p,·,é,É,í□A^È%º,ìŽè□‡,É□],¢,Ü,·□B

1. ftf@fCf<fŠftf@fÆf“fX,ð•ï□X,·,éfÆfR□[fh,ð'l'ð,μ,Ü,·□B

2. [fXfNfŠfvfg]f□fjf...□[,©,ç[fŠftf@fÆf“fX,ðŽw'è□E•ï□X,·,é]

,ð'l'ð,μ□A□X□V,·,éŠefÆfR□[fh,É'î%ž,·,é□V,μ,¢ftf@fCf<,ð“Á'è,μ,Ü,·□B


□V,μ,¢□ê□Š,É, ,éftf@fCf<,ì□C□³“ú,a fÆfR□[fh,É<L~^,³,ê,Ä,¢

,é□C□³“ú,æ,è,à□V,μ,¢□ê□‡,í□ACumulus,í,»,ê,É□],Á,ÄfÆfR□[fh,ð□X□V,·,é,©,Ç,□

,©,ðf†□[fU,ÉŠm”F,μ,Ü,·□B.

{button ,AL('automation',0,`,`)} ŠÖ~A□€–Ú

 Cumulus,ÉŠÜ,Ü,ê,éŽ©“®%»fXfNfŠfvfg,ìŽg—p

 ftf@fCf<fŠftf@fÆf“fX,ìŠÇ—
ftfHf<f_,đ~Ú“®,. ,é

□mftfHf<f_,đ~Ú“®,. ,é□n,í□AftfHf<f_,. ,æ,Ñ,»,ìfTfuftfHf<f_,. ,x,Ä,đ~Ú“®,μ□Aî%Ž,. ,éCumulus,ìfÆfR□[
fh,ìfŠftf@fÆf“fX,à“ŽŽ,É□X□V,μ,Ü,. □B

□mftfHf<f_,đ~Ú“®,. ,é□n,đŽg—p,. ,é,É,í□A^È%°,ìŽè□‡,É□],¢,Ü,. □B

1. [fXfNfŠfvfg]f□fj f...□[©,ç□mftfHf<f_,đ~Ú“®,. ,é□n,đ'ìđ,μ□A^Ú“®,. ,éftfHf<f_,đ“Á'è,μ,Ü,. □B

2. ftfHf<f_,đ'ìđ,. ,é,Æ□A^Ú“®□æ,đŽw'è,. ,é,æ,²—v<□,³,ê,Ü,. □B

3. ftfHf<f_,. ,æ,Ñ,»,ìfTfuftfHf<f_,. ,x,Ä,^a□V,μ,¢□ê□Š,É~Ú“®,μ,Ü,. □B

~Ú“®,μ,½ftf@fCf<đŽ!,. fAfNfefBfu,ÈfJf^f□fO†,ìfÆfR□[fh,^a□X□V,³,ê□A□V,μ,¢□ê□Š,đŽ!,. ,æ,²,
É,È,è,Ü,. □B

□V,μ,¢□ê□Š,É, ,éftf@fCf<,ì□C□³“ú,^afÆfR□[fh,É<L~^,³,ê,Ä,¢
,é□C□³“ú,æ,è,à□V,μ,¢□ê□‡,í□ACumulus,í,»,ê,É□],Á,ÄfÆfR□[fh,đ□X□V,. ,é,©,Ç,²,
,©,đf†□[fU,ÉŠm”F,μ,Ü,. □B

{button ,AL(`automation',0,`,`')} ŠÖ~A□€–Ú

 Cumulus, ðŽg—p—á

 Cumulus, ÉŠÜ, Ü, ê, éŽ©“®%»fXfNfŠfvfg, ðŽg—p
DCSftf@fCf<, ðŠÇ—□

f qf“fg: ^È%°, ðf, fWf... □[f<, í□ADCS 1.0ftf@fCf<, Å, È, ¢ftf@fCf<, Éí, µ, Ä, àŽÀ□s, ·, é, ±, Æ, ª, Å, «, Ü, ·□B¹²□”, ðftf@fCf<, ðfRfs□[Ü, ½, íÚ“®·, é□ê□±, í□A, ±, ê, ç, ðf, fWf... □[f<, ðŽg—p, ·, é•Ü, ª□ACumulus, ðf□fjf... □[fRf}f“fh(□uftf@fCf<, ðfRfs□[□v, ·, æ, Ñ□uftf@fCf<, ðÚ“®□vŽQ□Æ), ðŽg—p, ·, é, æ, è, àŽŽŽŠÖ, Å□í, P, ±, Æ, ª, , è, Ü, ·□B

DCSftf@fCf<ÆŽ®, í□A'á%ð'æ“x, ð•i□±f□fCf“ftf@fCf<, ª1, Å, Æ□AfVfAf“□Af} f[f“f^□AfCfGf□□[□Afuf%fbfN, ðó□üfJf%□[Éí%Ž, ·, é4, Å, ðP□Fftf@fCf<, Å□\□¬, ³, ê, Ü, ·□BCumulus, Å, í□ADCS

1.0ftf@fCf<, ðfÆfR□[fh, ðf□fCf“ftf@fCf<, ¾, ¯, ðfJf^f□fO, µ, Ü, ·□B“ŽŽ, É5, Å, ðftf@fCf<, ·, x, Ä, ðfRfs□[□AÚ“®□AÆY□ð□Aí□æ, ð□s, ª, É, í□AÈ%°, ðf, fWf... □[f<, ðŽg—p, µ, Ä, ·¾, ³, ¢□B


□mfI fŠfWfif<, ðfRfs□[□iDCSí%Ž□j□n, í□A'ð, µ, ½, ·, x, Ä, ðfÆfR□[fh, Éí%Ž, ·, é, ·, x, Ä, ðftf@fCf<, ð□V, µ, ¢□ê□Š, ÉfRfs□[µ, Ü, ·□B

□mfI fŠfWfif<, ð□í□æ□iDCSí%Ž□j□n, í□A'ð, µ, ½, ·, x, Ä, ðfÆfR□[fh, Éí%Ž, ·, é, ·, x, Ä, ðftf@fCf<, ð□í□æ, µ, Ü, ·□B

□mfI fŠfWfif<, ðÚ“®□iDCSí%Ž□j□n, í□A'ð, µ, ½, ·, x, Ä, ðfÆfR□[fh, ð□V, µ, ¢□ê□Š, ÉfRfs□[µ, Ü, ·□B

{button ,AL('automation', 0, `', `')} ŠÖ~A□€–Ú

 Cumulus, ĺŽg—p—á

 Cumulus, ÉŠÜ, Ü, ê, éŽ©“@%o»fXfNfŠfvfg, ĺŽg—p
ÆŸ□ō

ˆÈ%°, ĺf, fWf...□[f<, ðŽg—p, μ, Ä□AÆŸ□ōfc□[f<fo□, âfJfefSfŠfŠfXfgfEfBf“fhfE, Å, ĺŽg—
p, Å, «, È, ¢ÆŸ□ō, ðŽÄ□s, ·, é, ±, Æ, ^aÅ, «, Ü, ·□B

‘ĺ’ðfÆfR□[fh, ĺfJfefSfŠ, ÅÆŸ□ō

‘èŠú“ĺ, ÉÆŸ□ō, ·, é

{button ,AL(`automation',0,`,`')} ŠÖ~A□€–Ú

 Cumulus,ÉŠÜ,Ü,ê,éŽ©“®%»fXfNfŠfvg,lžg—p

 ÆŸ□ō

‘l’đfÆfR□[fh,l̐JfefSfŠ,ÅÆŸ□ō

□m‘l’đfÆfR□[fh,l̐JfefSfŠ,ÅÆŸ□ō□n,Í□A‘l’đ,μ,½fÆfR□[fh,Æ“¬,¶fJfefSfŠ,É“o~^,³,ê,½,·,x,Ä,l̐fÆfR
□[fh,đÆŸ□ō,μ,Ü,·□B‘l’đ,μ,½fÆfR□[fh,a¹%ž,·,é,·,x,Ä,l̐JfefSfŠ,É^êv,·,éfÆfR□[fh,đÆŸ□ō,·,é,©□A,»,l̐,
α,¿,l̐C^Ó,l̐JfefSfŠ,É^êv,·,éfÆfR□[fh,đÆŸ□ō,·,é,©,đŽw’è,·,éf_fCfAf□fOf{fbfNfX,a•Ž!,³,ê,Ü,·□B
{button ,AL(`automation',0,`,`')} ŠÖ~A□€–Ú

 Cumulus,ÉŠÜ,Ü,ê,éŽ““®%»fXfNfŠfvfg,ìŽg—p

 Ćÿ□ō

'èŠú“l,ÉĆÿ□ō,·,é

□m'èŠú“l,ÉĆÿ□ō,·,é□n,í□ACumulus,ìĆÿ□ōfc□[f<fo□],©,ç□ÅĆă,ÉŽÀ□s,μ,½Ćÿ□ōfNfGfŠ,đ□AfAfN
fefBfu,ÈfJf^f□fO,É'èŠú“l,É“K—p,μ,Ü,·□B,±,ìf,fWf...□[f<,đŽg—
p,·,é□Ú,í□ACumulusfNf%□CfAf“fg,ì□mfXfNfŠfvfg□nftfHf<f_,ÉfRfs□[¹,□AWindows,ìfGfNfXfvf
□□[f%,©,ç•Ê,ìfAfvfŠfP□[fVf‡f“,Æ,μ,Ä<N“®,μ,Ä,,¾,³,¢□B

□m'èŠú“l,ÉĆÿ□ō,·,é□n,đŽg—p,·,é,É,í□A^È%°,ìŽè□‡,É□],¢,Ü,·□B

f qf“fg: Ćÿ□ōfc□[f<fo□],ìŽg—p,ÉŠÖ,·,é□Ú□×,í□A□uĆÿ□ōfc□[f<fo□],ìŽg—p□v,đŽQ□Æ,μ,Ä,-
,¾,³,¢□B

1. Ćÿ□ōfc□[f<fo□],ÅĆÿ□ōfNfGfŠ,đ□ì□¬,μ,Ü,·□B

2. [Ćÿ□ō]f{f^f“,đfNfŠfbfN,μ,Ü,·□B

3. Windows,ìfGfNfXfvf□□[f%,©,ç]'èŠú“l,ÉĆÿ□ō,·,é],đ<N“®,μ,Ü,·□B

Ćÿ□ō,ìŠÔŠu,đŽw'è,·,éf_fCfAf□fOf{fbfNfX,^a•Ž!,³,ê,Ü,·□B

{button ,AL(`automation',0,`,`)} ŠÖ~A□€–Ú

 Cumulus, ÌŽg—p—á

 Cumulus

□‘,«□o,μ□^“Ç,Ý□ž,Ý

fŒfR□[fh□AfJfefSfŠ□AŒŸ□ðfNfGfŠ□î•ñ,ì□‘,«□o,μ,“,æ,Ñ“Ç,Ý□ž,Ý,ðŽ©“®“l,É□s,ð,±
,Æ,^a,Ă,«,Ü,·□B□î•ñ,í□Af^fu,Ă<æ□Ø,Ă,½fefLfXfgftf@fCf<,Æ,μ,Ă□‘,«□o,³,ê,Ü,·□B,±
,ìfefLfXfgftf@fCf<,í□A^¼,ìfJf^f□fO,âfAfvfŠfP□[fVf‡f“,É“Ç,Ý□ž,ð,±,Æ,^a,Ă,«,Ü,·□B

fJfefSfŠ,ðfefLfXfg□o—í

fefLfXfg,ð“Ç,Ý□ž,ñ,ĂfJfefSfŠ,É“o~^

Access,Ö,ìfŒfR□[fh,ì□‘,«□o,μ


f^fu<æ□Ø,èfefLfXfg,É□‘,«□o,μ


fTf€flfCf<,ð□‘,«□o,·

fCf□□[fWftf@fCf<,ðfTf€flfCf<,É

'□: Windows,Ă,íBMPftf@fCf<,^afrfbfgf}fbfv,É•İŠ·,³,ê□AWindows,ìfTf|□[fg,·,éŒ`,É–
¼‘O,^a•í□X,³,ê,Ü,·□B

{button ,AL(`automation',0,`,`)} ŠÖ~A□€–Ú

 Cumulus,ÉŠÜ,Ü,ê,éŽ©“®%»fXfNfŠfvfg,lžg—p

 □‘,«□o,μ□^“Ç,Ý□ž,Ý

fJfefSfŠ,ðfefLfXfg□o—Í

[fJfefSfŠ,ðfefLfXfg□o—Í]


,l□A fA fNfefBfu,ÉfJf^f□fO,ìfJfefSfŠŠK'w,ðfefLfXfgftf@fCf<,É□‘,«□o,μ,Ü,·□BŠefJfefSfŠ,Í□A


ŠK'w□\¢,Â,ìfÇfxf<,É%ž,¶,½ÇÊ□”,ìf^fu,ÂfCf“fff“fg,³ê,Â<L□q,³ê,Ü,·□BfhfLf...

f□f“fg,ðfefLfXfgftf@fCf<,Æ,μ,Â•Û‘¶,μ□A[fJfefSfŠ,ðfefLfXfg□o—Í]f,fWf...[f<,ðžg—

p,μ,Â¹/₄,ìfJf^f□fO,É“Ç,Ý□ž,þ,±,Æ,^aÂ,«Ü,·□B

{button ,AL(`automation',0,`,`')} ŠÖ~A□€–Ú


 Cumulus,ÉŠÜ,Ü,ê,éŽ©“®%»fXfNfŠfvg,lžg—p


 □‘,«□o,μ□^“Ç,Ý□ž,Ý

fefLXfg,đ“Ç,Ý□ž,ñ,ÅfJfefSfŠ,É“o~^

□mfefLXfg,đ“Ç,Ý□ž,ñ,ÅfJfefSfŠ,É“o~^□n,Í□AfefLXfgftf@fCf<,©,çfJfefSfŠ,ìfŠfXfg,đ“Ç,Ý□ž,Ý,
Ü,·□BfefLXfgfhfLf...f□f“fg,É,Í□AfJfefSfŠ,^a1□s,É,Â,«1,Â,,Â□ASK'w□\‘¢
,Â,ìfÆxf<,É%ž,¶,½ÆÂ□”,ìf^fu,ÅfCf“fff“fg,³ê,Â<L□q,³ê,Â,¢,Ü,·□B,±
,ìfXfNfŠfvg,Í□AŠe□s,đ“Ç,Ý,Æ,è□AfAfNfefBfu,ÈfJf^f□fO†,É□V,μ,¢fJfefSfŠ,đ□ì□¬,μ,Ü,·□B

{button ,AL(`automation',0,`,`) } ŠÖ~A□€–Ú

 Cumulus,ÉŠÜ,Ü,ê,éŽ©“®%»fXfNfŠfvg,İžg—p

 □‘,«□o,μ□^“Ç,Ý□ž,Ý

Access,Ö,İfƎfR□[fh,İ□‘,«□o,μ

[Access,Ö,İfƎfR□[fh,İ□‘,«□o,μ],Í□A□îñ,đCumulus,İfƎfR□[fh,©,çMS

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5. •Ž|,³,ê,^½f_CfAf□fO,Å□AMS Accessff□[f^fx□[fX,İftf@fCf<,đ‘l‘đ,μ,Ü,·□B

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Cumulus Browser

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Cumulus Browser

Cumulus Internet Media Server

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Internet Media Server

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©”Ü, ©, ð□§Æä, μ, Ü, ·□BŽŸ, ðfIfvfVf‡f“, ^aŽg—
p, Ä, «, Ü, ·□B

□E [Æx□□, ð•Žl]
, ðl’ð, ·, é, Æ□A, ·, x, Ä, ðÆx□□, ^aŽl, ³è, Ü, ·□B

□E [Æx□□, ð•Žl, μ, È, ¢]

,đ'!đ,·,é,Æ□A“Á'è,ìŒx□□,ª•\Ž|,³ê,Ü,¹,ñ□B



{button ,AL(`preferences',0,`,`)}} ŠÖ~A□€–Ú

 Cumulus, ðfJfXf^f}fCfY
 fAfvfŠfP□[fVf‡f“□Ý'è, ði□X
[•\Ž]f^fu

[•\Ž]f^fu, í□AfJf^f□fO, ÆfÆfR□[fh, ð\Ž], „æ, Ñ'a'è•û–
@□A, È, ç, Ñ, É[fÆfR□[fhfvf□pfefB]f_fCfAf□fOf{fbfNfX, ð“®□i•û–@, ð□\$Æä, µ, Ü, •□B

fIfvfVf‡f“l ftfB□[f<fh	–Ü“l
fTf€fIfCf<f, □[fh	fÆfR□[fh– ¼, ðfTf€fIfCf<f, □[fh, Å•\Ž], •, é, ©□A, Ü, ½, ÍfJ□[f\<, ðfTf€fIfCf<□ã, È'u, ¢ ½, Æ, «, ÉfŠfXfgf, □[fhfEfBf“fhfE, ð•\Ž l, •, é, ©, Ç, ¢, ©, ðÆ~è, µ, Ü, •□B
fvfÆfrf...□[fTfCfY	fvfÆfrf... □[fEfBf“fhfE, ðfTfCfY, ð□\$Æä, µ, Ü, •□B ŽŸ, ðIfIfvfVf‡f“, ¢Žg–p, Å, «, Ü, •□B □E [fIfŠfWfif<fTfCfY] , ð'l'ð, •, é, Æ□AfJf^f□fO, ³, è, ½fIfŠfWfif <, ðŽÄ□Ü, ðfTfCfY, ÅfvfÆfrf... □[•\Ž], ³, è, Ü, •□B □E [f□fCf“fEfBf“fhfE, É□‡, í, ¹, é] , ð'l'ð, •, é, Æ□ACumulusfAfvfŠfP□[fVf‡ f“fEfBf“fhfE, É□‡, í, ¹, ÄfvfÆfrf... □[ðfTfCfY, ¢•ï□X, ³, è, Ü, •□B □E [„, ð]¼ , ð'l'ð, •, é, Æ□A•\Ž], ³, è, éftfB□[f<fh, ÉŠó–] , ðfvfÆfrf...□[fTfCfY, ð“ü–Í, Å, «, Ü, •□B
'P^Ê□Ý'è	[fÆfR□[fhfvf□pfefB]f_fCfAf□fOf {fbfNfX, É•\Ž], ³, è, é'a'è'P^Ê□ifCf“f`□Af Zf“f`f□□[fgf<, È, Ç□j, ðÆ~è, µ, Ü, •□B
[fÆfR□[fhfvf□pfefB]f_fCfAf□fOf{fbfNfX, É•\Ž], ³, è, é'a'è'P^Ê□ifCf“f`□Af fX□A□í, É~è”ÔŽè”O, É•\Ž]	□í, É[fÆfR□[fhfvf□pfefB]f_fCfAf□ fOf{fbfNfX, ð, •, x, Å, ðCumulusfEfBf“fh fE, ðè”ÔŽè”O, É•\Ž], µ, Ü, •□B
fJf^f□fOfEfBf“fhfE □AfTfCfY•ï□X, ÉfOfŠ fbfh, ðŽg, ¢	–J”], ð□Å□–‰», •, é, æ, ¢ , ÉfÆfR□[fhfEfBf“fhfE , ðŽ©“®“l, ÉfTfCfY•ï□X, µ, Ü, •□B

{button ,AL(`preferences',0,`,`)}} ŠÖ~A□€–Ú

 Cumulus, ðfJfXf^f}fCfY
 fAfvfŠfP□[fVf‡f“□Ý'è, ð•i□X
[ŒŸ□ō]f^fu

[ŒŸ□ō]f^fu, ðf|fvfVf‡f“, í□AŒŸ□ōfc□[f<fo□], ÅfJfefSfŠ, ðŽg, Å, ½ŒŸ□ō•û–
@, ÆfJfefSfŠfŠfXfg, Å, ðfŒfR□[fh•Ž!•û–@, É%œ<¿, μ, Ü, •□B

fJfefSfŠ, ðfNfŠfbfN, μ, ÅfŒfR□[fh, ð•Ž!, •, é, Æ□AŒŸ□ō, aŽÀ□s, ³, ê□A, »; ðfJfefSfŠ“à, ð, •, x, Ä, ðfŒfR□[f
h, aŒŸ□ō, ³, ê, Ü, •□BfJfefSfŠŒŸ□ō, ð□Ú□x, í[fJfefSfŠŒŸ□ō□Ÿ'è, ð—□%œð, •, é], ðŽQ□Æ, μ, Å, •, ¾, ³, €□B

[fJfefSfŠŒŸ□ō], ÅŽŸ, ð, €,, ê, ©, ðŒŸ□ō•û–@, ð'ð, Å, «, Ü, •□B

□E [!ð, ³, ê, ½fJfefSfŠ, ð, €,, ê, ©, ÉŠY“–, •, é]
, ð'ð, •, é, Æ□AfJfefSfŠfŠfXfgfEfBf“fhfE, Å'ð, ³, ê, ½fJfefSfŠ, ð, €
, •, ê, ©, ÉŠÖ~A, •, éfŒfR□[fh, aŒŸ□ō, ³, ê, Ü, •□B

□E [!ð, ³, ê, ½fJfefSfŠ, ð'S, Ä, ÉŠY“–, •, é]
, ð'ð, •, é, Æ□AfJfefSfŠfŠfXfgfEfBf“fhfE, Å'ð, ³, ê, ½, •, x, Ä, ðfJfefSfŠ, ÉŠÖ~A, •, éfŒfR□[fh, aŒŸ□
ō, ³, ê, Ü, •□B

[fJfefSfŠŒŸ□ōŽž, ð'í□Ú, Æ, È, éŠK'w], Å□AŒŸ□ō“í!ðŽw'è, Å, «, Ü, •□B[%œ°Ê, ðfJfefSfŠ, ðŒŸ□ō]
, ð'ð, •, é, Æ□A[fJfefSfŠ, ðfGfCfŠfAfX, ðŒŸ□ō]f|fvfVf‡f“, aŽg—p%œÄ, É, È, è, Ü, •□B, ±
, ðf|fvfVf‡f“, ð'ð, •, é, Æ□AŒŸ□ō, ÅŽw'è, ³, ê, ½fJfefSfŠ, ð, Ü, ©, ÉfJfefSfŠ, ðfGfCfŠfAfX, àŒŸ□ō, Å, «, Ü, •
□B

{button ,AL(`preferences',0,`,`) } ŠÖ~A□€–Ú

Cumulus, ÌfJfXf^f}fCfY fJf^f□fO□EflfvfVf‡f“, Ì□Ý'è

[fJf^f□fO□EflfvfVf‡f“]f_fCfAf□fOf{fbfNfX,À,Í□ACumulus,^flfŠfWfif<ftf@fCf<,ðfJf^f□fO,.,é
•û—@,ÆfJf^f□fO't,É“Ç,Y□Ž,Ü,ê,é□î•ñ,ìŽí—p,ð□SÆä,À,«,Ü,·□BfJf^f□fO¥flfvfVf‡f“, Ì□Ý'è“à—
e,ðŠù“¶,ìfÆfR□[fh,É”½%of,³,¹,é,É,Í□A [[fÆfR□\[fh□î•ñ,ìX□V\]](#)],ðŽQ□Æ,μ,Ä,,¾,³,¢□B

,±,ìf_fCfAf□fOf{fbfNfX,É,ìŽŸ,ìflfvfVf‡f“,^,è,Ü,·□B

□E fJf^f□fOŽž,ÉffftfHf<fg,Å“o~^,μ,½,¢f†□[fU'è<,ìfm□[fg□AfXfe□[f^fX—¼□Af†□[fU—¼,ìŽw'è

□E Šeftf@fCf<,ðfJf^f□fO,.,é□Ů,É□A[\[fÆfR□\[fhfvf□pfeB\]](#) f_fCfAf□fOf{fbfNfX
,ðŽ©“®“l,É•Žl',.,é,©,Ç,¤,©

□E fJf^f□fOŽž,ÉffftfHf<fg,Å“o~^,μ,½,¢[fJfefSfŠ](#)—¼,ìŽw'è

□E fÆfR□[fh,ì□d•i,ð“F,ß,é,©,Ç,¤,©

□E Žg—p%Å”\,È[ftf@fCf<ftfBf<f^](#),Æ,»,)□‡□~

□E [fTf€flfCf<](#)□ì□¬,ÉŠÖ,.,é□Ý'è

[fJf^f□fOfIfvfVf‡f“]f_fCfAf□fOf{fbfNfX,ð•Žl',.,é,É,Í□A^È%°,ìžè□‡,É□],¢,Ü,·□B

1. [ftf@fCf<]f□fj...□[.,ç[fJf^f□fOfIfvfVf‡f“],ð'l'ð,μ,Ü,·□B

[fJf^f□fOfIfvfVf‡f“]f_fCfAf□fOf{fbfNfX,^•Žl',³,è,Ü,·□B

2. f^fu,ð□Ø,è“Ö,ì,é,É,Í□Af^fu,ìf^fCf<fgf<,ðfNfŠfbfN,μ,Ü,·□B

[^ê”Ê](#)


[fJfefSfŠ](#)


[fJf^f□fO](#)

[ftf@fCf<Æ`Ž®](#)

3. □Ý'è,ð□s,¢□A [“K—p],ðfNfŠfbfN,μ,Ü,·□B,.,x,Ä,ì□Ý'è,ð—LÆø,É,μ,ÄfEfBf“fhfE,ð•Ä,¶,é,É,Í□A[OK]
,ðfNfŠfbfN,μ,Ü,·□BŽæ,è□Á,.,É,Í□A[fLfff“fZf<],ðfNfŠfbfN,μ,Ü,·□B

{button ,AL(`customizing',0,`,`)} [ŠÖ~A□€—Ú](#)

 Cumulus, ðfJfXf^f}fCfY

 fJf^f fO EflfvfVf‡f“, ðY’è

fJf^f fO EflfvfVf‡f“, [^ê”Ê)f^fu

[^ê”Ê)f^fu, Å, Íftf@fCf<, ðfJf^f fO. .é—, ÉŠ,,, è—, Ä, ç, é, éY’è, ðŽw’è, µ, Ü, . B, ±, ê, ç, ðY’è, ð, ç, Ü, Ä, Æ, ñ, Ç, ÍÆã, Å, fÆfR[fhfvf pfeB]f_CfAf fOf{fbfNfX, Å, àY’è, ., é, ±, Æ, Å, «, Ü, . B

fIfvfvf‡f“l

—p“r

ftfB[f<fh

fÆfR[fh Afm[
fg

f[m][fg] ftfB[f<fh, ÉfefLfXfg, ð“ü—
Í, ., é, Æ AfJf^f fOŽž, É ð ð—, ³, ê, é, ., x, Ä, ðV<
KfÆfR[fh, É, „, ð—
e, ²Ž©“l, É’Ç%Å, ³, ê, Ü, . B fÆfR[fhfvf pfeB]fEfBf“fhfE, Åfm[f<g, ð•Ö W, µ, ½, è%
{—, µ, ½, è, ., é, ±, Æ, Å, «, Ü, . B

fÆfR[fh AfXfe
[f^fX

fIfbvfvfAfbfvfŠfXfg, ©, çfXfe[f^fX—
¼, ð’l’ð, ., é, Æ AfJf^f fOŽž, É ð ð—, ³, ê, é, ., x, Ä
, ðV, µ, çfÆfR[fh, É, „, ðfXfe[f^fX—
¼, ²“o~^, ³, ê, Ü, . B, Ç, ðfÆfR[fh, É, àf†[fU’è<`
, ðfXfe[f^fX, ðŠ,,, è—, Ä, é, ±
, Æ, Å, «, Ü, . B fXfe[f^fX, ðŠ,,, è—, Ä, é, ±
, Æ, Å AfA“À’è, ðfÆfR[fh, ð ó’Ö, à ð ó<µ, ðŠÖ~A,
Ä, , é, ±, Æ, Å, «, Ü, . B fXfe[f^fX, ð ð ð—, àžg

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p, ÉŠÖ, ., é ð Ü, µ, ç ð î•ñ, Í AfÆfR[fhfXfe[f^
fX, ðžg—p, ðžQ ð Æ, µ, Å, , ¾, ¾, ç ð B

fÆfR[fh Af†[
fU

, ±, ±, É—ü—Í, ³, ê, ½—
¼’O, ² V<KfÆfR[fh, ð uf†[fU vftfB[f<
fh, É“o~^, ³, ê, Ü, . B

fJf^f fOŽž AfIf
ŠfWfif<, ©, çfm[f<g
, ðžæ, è ðž, p

fIfŠfWfif<ftf@fCf<, É•Ü’l, ³, ê, Ä, ç
, éfefLfXfg ð î•ñ, ðfJf^f fO’†, ÉŽ©“l, É fÆ
fR[fhfvf pfeB]f_CfAf fOf{fbfNfX,
Íf[m][fg]ftfB[f<fh
, ÉŠÜ, B, Ü, . B, ½, Æ, l, l[Compound Document
Filter], ð’l’ð, ., é, Æ AMicrosoft
Word•l[, É•Ü’l, ³, ê, ½“ ð Ev ð i’PÆê, Æ•lžš, ðfJ
fEf“fg, È, Ç, j, ð“Ç, Ý ðž, b, ±, Æ, Å, «, Ü, . B


fJf^f fOŽž Afvf
fOfÆfXfo[, ð•ž
, ., é


fJf^f fO, ðŠJžn, ., é’O, É AfIfŠfWfif<ftf@
fCf<, ð ð ð Ev“, ðfJfEf“fg, µ, Ü, . B fJf^f fO’
† Af[ð i s ð ó<µ]f_CfAf fOf{fbfNfX, ÉfIf
ŠfWfif<ftf@fCf<—¼, ÆŠ®—
¹fp[fZf“fe[fWfo[, ²•ž, ³, ê, Ü, . B, ±
, ðfIfvfvf‡f“, ð’l’ð, ., é, Æ AfJf^f fO, ð—“x, Í á
%ºº, µ, Ü, . B

fJf^f fOŠ®—
¹žž Afž©“l, Éfvf
pfeBfEfBf“fh
fE, ðŠJ,

ðV<KfÆfR[fh, ð ð ð—, é—
^, É fÆfR[fhfvf pfeB]fEfBf“fhfE, ð•ž,
µ, Ü, . B fJf^f fOÆã, ÉfÆfR[fh, ðfvf pfp
efB, ð<K“¥“l, É ð ð—, Ä, «, é, ½, B Af, ±
, ðfIfvfvf‡f“, ²•Ö—, É ð ê ð±, ², è, Ü, . B

{button ,AL(`catalog options',0,`,`')} ŠÖ~A€—Ü

 Cumulus, ÌfJfXf^f}}fCfY

 fJf^f□fO□EflfvfVf‡f“, Ì□Ý'è

fJf^f□fO□EflfvfVf‡f“, [fJfefSfŠ]f^fu

[fJfefSfŠ]f^fu, Í□AfJf^f□fOŽž, ÉffftfHf<fg, Å“o~^, μ, ½, ¢fJfefSfŠ—
¼, ðŽw'è, Å, «, Ü, ·□B[fJf^f□fOŽž, ÉfJfefSfŠ, ð“o~^, ·, é], ðŽQ□Æ, μ, Å, , ¾, ³, ¢□B

ffftfHf<fg, ÌfJfefSfŠ, ð“o~^, ·, é, É, Í□A^È%°, Ìžè□‡, É□], ¢, Ü, ·□B

[fvfŠfZfbfgfJfefSfŠ]fŠXfg, É“o~^, ·, é, É, Í□A^È%°, Ìžè□‡, É□], ¢, Ü, ·□B

1. [fJfefSfŠê——]fŠXfg, ©, ¢□A“o~^, μ, ½, ¢fJfefSfŠ—¼, ð'I'ð, μ, Ü, ·□B

2. [‘Ç%òÁ]f{f^f“, ðfNfŠfbfN, ·, é, ©□AfJfefSfŠ—¼, ðf_fuf<fNfŠfbfN, μ, Ü, ·□B

“o~^, ³, è, ½fJfefSfŠ, ð□í□œ, ·, é, É, Í□A^È%°, Ìžè□‡, É□], ¢, Ü, ·□B

1. [fvfŠfZfbfgfJfefSfŠ]fŠXfg, ©, ¢□A□í□œ, ·, éfJfefSfŠ, ð'I'ð, μ, Ü, ·□B

2. [□í□œ]f{f^f“, ðfNfŠfbfN, μ, Ü, ·

□mflfŠfWfif<, ©, ¢fJfefSfŠ, ðŽæ, è□ž, p□n, Í□AfJf^f□fOŽž, É□AfŠfWfif<ftf@fCf<, É•Ü'¶, ³, è, Å, ¢
, éfL□[f□□[fh, ð□AfJfefSfŠ, Æ, μ, ÅfÆfR□[fh, ÉŽ““@“l, É“o~^, μ, Ü, ·□BfJfefSfŠfXfg, É□Aftf@fCf<,
Ì, à, ÅfL□[f□□[fh, Æ““, ¶—¼‘O, ¢, ·, é□ê□‡, Í□A, »], ÌfJfefSfŠ—¼, ðfÆfR□[fh, É“o~^, μ□A—
³, ¢□ê□‡, Í□A□V<K, ÉfJfefSfŠfXfg, É‘Ç%òÁ, ³, è, Ü, ·□B

[ftfHf<f_—¼, ðfJfefSfŠ“o~^, ·, é]

, Í□AfŠfWfif<ftf@fCf<, ÌffBfÆfNfgfŠ, ðfJfefSfŠ, Æ, μ, ÅfŠXfg, É“o~^, ·, é, ©, Ç, ¢

, ©, ðŽw'è, μ, Ü, ·□BftfHf<f_—¼, ðŽg—

p, ·, éfJfefSfŠ, Í□AŽè“@, Å□ì□—, μ, ½fJfefSfŠ, Æ, Í•Ž!, ¢~Ü, È, è□A□—, ³, ÈftfHf<f_<L□†, ¢•Ž!, ³, è, Å, ¢, Ü, ·□B

ftf@fCf<, ð‘O, à, Å, Äfvf□fWfFfNfg, âftf@fCf<ÆŽ®, ², Æ, ÉftfHf<f_É□@—□, μ, Å, “, -

, Æ□AfJf^f□fO, ð1%ñ, Ìžè□‡, ÅŠÈ‘P, ÉfJf^f□fO, ·, é, ±

, Æ, ¢, Å, «, Ü, ·□B, ³, ¢, É□AfŠfWfif<ftf@fCf<, ÌffBfÆfNfgfŠ□\‘¢

, ¢fJfefSfŠfXfg, É•Ž!, ³, è, é, ½, ß□AÆ³, Ìftf@fCf<, Ì□ê□Š, ð, ·, Î, à, ŠÈ‘P, ÉÆ©, Å, “, é, ±, Æ, ¢, Å, «, Ü, ·□B

, ±, ÌfIfvfvf‡f“, ð—³Æø, É, ·, é, É, Í□Af`fFfbfNf}□[fN, ðŠO, μ, Ü, ·□B, ±, ÌfIfvfvf‡f“, ð—

³Æø, É, μ, ½□ê□‡, Å, à□A^È%°, Ìž, Å, Í•û—@, Ì, ¢, , ·, é, ©, É, æ, èŠÈ‘P, Éftf@fCf<, ð, ³, ¢, ·, ±, Æ, ¢, Å, «, Ü, ·□B


□E [fÆfR□[fhfvf□fpfefB]f_fCfAf□fOf{fbfNfX, ð•Ž!, μ, Å□A[fGfNfXfvf□□[f%]]


, Äftf@fCf<, ð“Á'è, ·, é

□E fÆfR□[fh, ð'I'ð, μ□A[fÆfR□[fh]f□f}f...□[, ©, ¢[fGfNfXfvf□□[f%]], ð'I'ð, ·, é

□E Æÿððfc□[f<fo□], ðŽg—p, μ, ÄftfHf<f_—¼, ðÆÿ□ð, ·, é

{button ,AL(`catalog options',0,`,`)}} ŠÖ~A□€—Ú

 Cumulus, ðfJfXf^f}fCfY

 fJf^f fO EflfvfVf+f“, ðY’è

[fJf^f fO EflfvfVf+f“] A[fJf^f fO] f^fu

[fJf^f fO] f^fu, Å, Í A[fJf^f fO, ðX V·û-@ AfJf^f fO, ðd·i Efvf+ [fgfJfbfg, ð-@·û-@ A,“, æ, ÑfJf^f fO, µ, È, Çftf@fCf<, ðŽw’è, ·, é, ±, Æ, Å,«, Ü, · B

[fJf^f fO·û-@]

, Í ACumulus, a V, µ, Çftf@fCf<, ðfJf^f fO, ·, é, © ASù’¶, ðfÆfR [fh, ðX V, ·, é, ©, ðŽw’è, µ, Ü, · B^È%°, ðf fvfvf+f“, ©, Ç’ð, ·, é, ±, Æ, Å,«, Ü, · B

E [Ç% Å, ð, Ý s, µ], Í A, Ü, ¾ fJf^f fO, ¾, È, Ç, Çftf@fCf<, ¾, -, ðfJf^f fO, µ, Ü, · B

E [Ç% Å/ X V, ð s, µ], Í A, Ü, ¾ fJf^f fO, ¾, È, Ç

, È, Çftf@fCf<, È, Í, µ, Å, Í V, µ, ÇfÆfR [fh, ð ð -, µ ASù’¶, ðfÆfR [fh, Í X V, µ, Ü, · B

E [X V, ð, Ý s, µ], Í ASù’¶, ðfÆfR [fh, ¾, -, ðX V, µ, Ü, · B

[fJf^f fO, ðd·i], Å, Í AfJf^f fO’ t, ÅfÆfR [fh, ðd·i, ð”F, ß, é, ©, Ç, µ, ©, ðŽw’è, ·, é, ±

, Æ, Å,«, Ü, · BfÆfR [fh, ðd·i, ð”F, ß, é, È, Í A[ðd·i, ð”F, ß, é]

, ð’ð, µ, Ü, · B1, Å, ðftf@fCf<, a·i “% ñfJf^f fO, ¾, È, Ç, æ, µ, È, ·, é, È, Í A[ðd·i, ð”F, ß, é, Ç], ð’ð, µ, Ü, · B

, ±, ðf fvfvf+f“, Å, Í AfJf^f fOŽž, È AfðfŠfwfif<ftf@fCf<, ð ÇÉftfHf<f_ ÉfRfs [·, ·, é, ©, Ç, µ, ©, ðŽw’è, Å,«, Ü, · B, ±, ðf fvfvf+f“, Í AfJf^f fO f f f ... [·, ðfJf^f fO Y’è], Å A ÇÉftfHf<f_ ðžg—p, ðfJf^f fO f fvfvf+f“, È [·, µ], È Y’è, ¾, È, Ç, é ð ð ±, È, Í, Y AŽg—p, Å,«, Ü, · B

[fvf+ [fgfJfbfg], ÅfŠf“fN æ, ðfJf^f fO, ·, é]

, ð’ð, ·, é, Æ ACumulus, ðfvf+ [fgfJfbfgftf@fCf<, ðfðfŠfwfif<ftf@fCf<, ðÆY ð, µ, Ü, · B[-¾ž, ·, é]

, ð’ð, ·, é, Æ A, ±, ð@“ ð, ðžg—

p·s% Å, È, è, Ü, · B, ½, Æ, Í, Í A·È, ðffBfxfn, È·Ü’¶, ¾, è, ½ fðfŠfwfif<ftf@fCf<, ð, ðfvf+ [fgfJfbfg, ð ð -,

, ·, é, Æ, µ, Ü, · B[ðfŠf“fN æ, ðfJf^f fO, ·, é], aŽg—

p% Å, ð ð ð ± AfVf+ [fgfJfbfg, ðfÆfR [fhfEfBf“fhfE, Öfhf fbfv, ·, é, ¾, -, Å AfðfŠfwfif<, ðfJf^f fO, Å,«, Ü, · B

[fJf^f fOŽž], Å, Í AfJf^f fO, µ, È, Çftf@fCf<, ðŽw’è, ·, é, ±

, Æ, Å,«, Ü, · B^è”È”Í, È, Í A%ó, è, ½ftf@fCf<, ðfJf^f fO, ·, é, Æ áŠQ, a”¶, µ, Ü, · B áŠQ, ðÆ

’^ð, Æ, È, éftf@fCf<, a, í, ©, Å, Å, Ç, é ð ð ±, Í A, », ðftf@fCf<, ðfJf^f fO ÖŽ~ftf@fCf<] fŠxfg, È Ç% Å, µ, Ä, -, ¾, ¾, Ç B

ð áŠQftf@fCf<, ðŽž”@”Í, È [fJf^f fO ÖŽ~ftf@fCf<] fŠxfg, È Š, è—

, Å, È, È, Í A[ð áŠQftf@fCf<, ðŽž”@”o^, ·, é], ð’ð, µ, Ü, · B, ±, ð’ð, È, æ, ðfJf^f fO f pftfH [f]

f“X, Í á%°, ·, é, ð, Å A, ±, ðf fvfvf+f“, Í A-â’è, ðÆ^ð, Æ, È, éftf@fCf<, ð”»·È, Å,«, È, Ç ð ð ±, È, ¾, -, Žg—p, µ, Ä, -, ¾, ¾, Ç B, ±, ðf fvfvf+f“, aŽg—

p% Å, È, È, è, Æ ACumulus, Í ÅÆä, ðftf@fCf<, ðfÆfR [fh, ðfJf^f fO, ¾, è, ½ ð ó·Ö, Å^Üž, µ, Ü, · BfVfxfef €, a fNf% fbfv f...

, ·, é, Æ ACumulus, ðžž”@”Í, È, », ðftf@fCf<, ðfJf^f fO ÖŽ~ftf@fCf<] fŠxfg, È Ç% Å, µ, Ü, · B

fJf^f fO, µ, È, Çftf@fCf<, ðŽw’è, ·, é, È, Í A^È%°, ðžž ð ±, È [·, Ç, Ü, · B

1. [ftf@fCf<“o^], ðfNfŠfbfN, µ, Ü, · B

[ftf@fCf<, ðŠJ,] f_fCfAf fOf {fbfNfx, a·ž, ¾, è, Ü, · B

2. [ftf@fCf<, ðŠJ,] f_fCfAf fOf {fbfNfx, Å Afftf@fCf<, ð’ð, µ, Ä [ŠJ,] ðfNfŠfbfN, µ, Ü, · B

’ð, µ, ½ftf@fCf<, a [fJf^f fO ÖŽ~ftf@fCf<] fŠxfg, È·ž, ¾, è, Ü, · B

[fJf^f fO ÖŽ~ftf@fCf<] fŠxfg, ©, Çftf@fCf<, ð ð í æ, ·, é, È, Í A^È%°, ðžž ð ±, È [·, Ç, Ü, · B

1. [fJf^f fO ÖŽ~ftf@fCf<] fŠxfg, ©, Çftf@fCf<, ð’ð, µ, Ü, · B

2. [“o^%ð æ] f{f^f“, ðfNfŠfbfN, µ, Ü, · B

’ð, µ, ½ftf@fCf<, a í æ, ¾, è, Ü, · B


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fJf^f□fO□EflfvfVf‡f“,l□Ý'è
fJf^f□fO□EflfvfVf‡f“, [fJf^f□fO]f^fu
□'ĈÉftfHf<f_É,Â,¢,Ä

fJf^f□fO,³,ê,½flfŠfWfif<ftf@fCf<,ªCumulus,ÅŽw'è,μ,½ftfHf<f_□i□'ĈÉftfHf<f_,Æ,¢,¢
,Ü,·□j,ÉfRfs□[,³,ê,é,æ,ª,ÉCumulus,ð□\□¬,·,é,±,Æ,^a,Å,«,Ü,·□B□'ĈÉftfHf<f_,í□AŠef†□[fU,ì□Ü—Ê,Å□A,
,é,¢,íflfŠfWfif<ftf@fCf<,ªfJf^f□fO,É'Ç%oÅ,³,ê,é,½,Ñ,É□Aftf@fCf<,ªfRfs□[,³,ê,é,æ,ª,É□\□¬,·,é,±
,Æ,^a,Å,«,Ü,·□B

ŽÀ□Ů,ìflfŠfWfif<ftf@fCf<,l~Ê'u,íĈ³,ì,Ü,Ü,Å,·,^a□AfĈfR□[fh,ìfŠftf@fĈf“fX□æ,í□'ĈÉftfHf<f_“à,ìf
Rfs□[,l~Ê'u,ðŽ!,μ,Ä,¢
,Ü,·□B□'ĈÉftfHf<f_,É•Ů'¶,³,ê,½flfŠfWfif<ftf@fCf<,ð'N,^a□C□³,Å,«,é,©,í□Aft□[fU,^afRf“fgf□□[f<,Å,
,«,Ü,·□B

□'ĈÉftfHf<f_,í[fJf^f□fO□Ý'è]f_fCfAf□fOf{fbfNfX,ÅŽg—p%oÅ,Ü,½,íŽg—p•s%oÅ,É,Å,«,Ü,·□B

 Cumulus, ÌfJfXf^f}fCfY

 fJf^f□fO□EflfvfVf‡f“, Ì□Ý’è

fJf^f□fO□EflfvfVf‡f“, [ftf@fCf<Æ`Ž®] f^fu

[ftf@fCf<Æ`Ž®]f^fu,©,ç□ACumulus, Ìftf@fCf<ftfBf<f^, ÌŽg—p•û—
@, ðßSÆä, Å, «, Ü, . □B[fJf^f□fO, . éftf@fCf<Æ`Ž®]fŠfXfg, É, Í□A fTf|
□[fg,³,ê,é, ., x, Ä, Ìftf@fCf<Æ`Ž®,ªfŠfXfg,³,ê,Ü, . □B

Žg—p%Å“, ÈftfBf<f^, É, Í□A□¶[É□¬,³,Èf`fFfbfNf}□[fN,ªt,¢,Ä,¢
,Ü, . □BSeftfBf<f^, Í;□“, Ìftf@fCf<Æ`Ž®, ðfTf|□[fg, Å, «, Ü, . □BfŠfXfg%E‘ª
, ÌfXfNf□□[f<fo□[ðŽg, Å, Å□A, ., x, Ä, ÌfGf“fgfŠ, ðÆ©, é, ±, Æ,ª, Å, «, Ü, . □B

, ±, Ìf^fu, Å, ÍŽŸ, Ì€□ì,ª, Å, «, Ü, . □B

□E ftfBf<f^, Ì□‡□~, ð•İ□X, ., é

□E “Á’è, Ìftf@fCf<Æ`Ž®, ðfTf|□[fg%Å•s%Å, É, ., é

□E ftf@fCf<, ð’Ç%Å/□í□œ

□E fJf^f□fO’t, ÉCumulus,ª“Ç, Ý□Ž, p□î•ñ, Ìf^fCfV, ðÆ~è□ifTf|□[fg,³,ê,Ä,¢,é□ê□‡□j

ftfBf<f^,ª□î•ñ, ð“Ç, Ý□Ž, p•û—@, ðÆ~è, ., é, É, Í

1. [□‡“Ô)—“ , Åftf@fCf<Æ`Ž®fgf“fgfŠ, ðfnfCf%oCfG, µ□A[□Ý’è], ðfNfŠfbfN, µ, Ü, . □B

2. [□Ý’è]f_fCfAf□fOf{fbfNfX, Å[fvf□pfefB], ðfNfŠfbfN, µ, Ü, . □B

Žg—p%Å“, È, ç□A□Ý’èf_fCfAf□fOf{fbfNfX,ªŠJ, «, Ü, . □B

3. Žg—p%Å“, ÈftfB□[f<fh, ð²□®, µ, ½, ç[OK], ðfNfŠfbfN, µ, Ü, . □BŽæ, è□Á, ., É, Í[fLff“fZf<]
, ðfNfŠfbfN, µ, Ü, . □B

, ±, Ìf^fu, Å, Í□AŽŸ, Ì, ±, Æ, à, Å, «, Ü, . □B

ftf@fCf<Æ`Ž®, ðfŠfXfg, Ì□ã, Ü, ½, Í%°, É`Ü“®, ., é

ftf@fCf<Æ`Ž®, Ì•Ò□W

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 fJf^f□fO□EflfvfVf‡f“,ì□Ý’è

 [ftf@fCf<Æ`Ž®]f^fu

fŠfXfg,ÅÆ`Ž®,ð`Ú“®

ftf@fCf<Æ`Ž®,ì□‡“Ô,ð□,□‡,©,ç□~□‡,É□Ø,èŠ,.,é,É,Í□AŠe

—“,ìÆ©□o,μ□i□‡“Ô□AŠg’EŽq□Aftf@fCf<Æ`Ž®□A,Ü,½,ÍftfBf<f^□j,ðfNfŠfbfN,μ,Ü,·□B

ÆÂ□X,ìÆ`Ž®,ð`Ú“®,.,é,É,Í□A“K”—,È—îóf{f^f“,ðfNfŠfbfN,μ,Ü,·□B

—îóf{f^f“

—Ú“ì



‘ìð,μ,½ftf@fCf<Æ`Ž®,ðfŠfXfg,ì`è”Ô□ã,É`Ú“
®,μ,Ü,·□B

^è”Ô□ã,É`Ú“

®



‘ìð,μ,½ftf@fCf<Æ`Ž®,ðfŠfXfg,ì1,Â□ã,É`Ú“
®,μ,Ü,·□B

□ã,É`Ú“®



‘ìð,μ,½ftf@fCf<Æ`Ž®,ðfŠfXfg,ì1,Â%°,É`Ú“
®,μ,Ü,·□B


%°,É`Ú“®




‘ìð,μ,½ftf@fCf<Æ`Ž®,ðfŠfXfg,ì`è”Ô%°,É`Ú“
®,μ,Ü,·□B

^è”Ô%°,É`Ú“

®

 fJf^f□fO□EflfvfVf‡f“,ì□Ý’è

 [ftf@fCf<Æ`Ž®]f^fu

ftf@fCf<Æ`Ž®,ì·Ò□W

Žg—p%Â“\,Èftf@fCf<Æ`Ž®,É,Í□A,·,x,Äf`FFfbfNf}□[fN,^t,ç,Ä,ç,Ü,·□B“Á`è,ìftf@fCf<Æ`Ž®,ðŽg—

p%Â,É,·,é,Æ□A,»,è,^f□f,fŠ,Éf□□[fh,³,è,Ü,·□B•□“ìŽg—p,μ,È,çftf@fCf<Æ`Ž®,ðŽg—

p<ÖŽ~,É,·,é,Æ□Afvf□fOf%œ,ìfpftfH□[f]f“fX,^Æü□ã,μ,Ü,·□B

Canto,^□V,μ,çftf@fCf<Æ`Ž®,ðÇ%Á,μ,½□è□‡□A“—ŽD,ìWebfTfCfG (www.crs.co.jp),©,ç—³—

¿,Äf`fEf“f□□[fh,Ä,«,Ü,·□B□V,μ,çftf@fCf<Æ`Ž®,ðfCf“fXfg□[f<,μ,ÄŽg—

p,·,é,É,Í□A,Ü,·,f`fEf“f□□[fh,μ,Ä□A,»,è,©,çflf“f%ofCf“fCf“fXfgfÆ□[fVf‡f“,ìŽwŽ!,É□],Á,Ä,-

,¾,¾,ç□BfCf“fXfg□[f<,^Š®—

¹,·,é,Æ□A[fJf^f□fO,·,èftf@fCf<Æ`Ž®]fŠfXfg,Éftf@fCf<Æ`Ž®,^Ž!,³,è,Ü,·,^□AŽg—p%Â,É,·,é•K—v,^,
è,Ü,·□B

ftf@fCf<Æ`Ž®,ð—LÆø,Ü,½,ì—³Æø,É,·,é,É,Í□A`È%°,ìŽè□‡,É□],ç,Ü,·□B

1. [□‡“Ô],ì—ñ,Å□A—LÆø,Ü,½,ì—³Æø,É,·,éftf@fCf<Æ`Ž®,ð‘ìð,μ□A[□Ý’è]f{f^f“,ðfNfŠfbfN,μ,Ü,·□B

[ftf@fCf<Æ`Ž®Žw`è]f`fCfAf□fOf{fbfNfX,^•Ž!,³,è,Ü,·

2. [±,ìftf@fCf<Æ`Ž®,ì“ü—í,ð—LÆø,É,·,é],ìf`FFfbfNf}□[fN•Ž!,ð□Ø,è`Ö,!,Ä□Aftf@fCf<Æ`Ž®,ð—

LÆø/—³Æø,É,μ,Ü,·□B

3. ·,·,x,Ä,ì·ì□X,ð—LÆø,É,·,é,É,Í□A[OK],ðfNfŠfbfN,μ,Ü,·□BŽæ,è□Á,·,é,Í□A[fLffff“fZf<]

,ðfNfŠfbfN,μ,Ü,·□B

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ftf@fCf<Æ`Ž®,ÍŠù“¶,ìftf@fCf<ftfBf<f^,ð•Ö□W,·,é,±,Æ,Å□V•K,É`Ç%Á,Ä,«,Ü,·□B

Šù“¶,ìftfBf<f^,ðŽg—p,μ,Äftf@fCf<Æ`Ž®,ðÇ%Á,·,é,É,Í□A`È%°,ìŽè□‡,É□],ç,Ü,·□B

1. [f□□[fh,μ,Ä,ç,èftf@fCf<ftfBf<f^],Å□A[“o~^]f{f^f“,ðfNfŠfbfN,μ,Ü,·□B

[ftf@fCf<Œ`Ž®Žw'è]f_fCfAf□fOf{fbfNfX,^a•\Ž!,³,ê,Ü,·□B

2. “K□Ø,ÈWindows,ìŠg'£Žq(*.eps,È,Ç),ð[Windows Šg'£Žq]ftfB□[f<fh,É“ü—í,μ,Ü,·□B

3. “K□Ø,Èftf@fCf<Œ`Ž®—¼,ð[Œ`Ž®]ftfB□[f<fh,É“ü—í,μ,Ü,·□B

4. [ftfBf<f^fRf“fgf□□[f<,ðŽg,¤],©,çftfBf<f^,ð'!ð,μ,Ü,·□B

5. Žg—p%Œ“\,Ā,ê,î□A[fvf□fpfefB],ðfNfŠfbfN,μ,Ā□AftfBf<f^,ì□Ý'è,ð□s,¢
,Ü,·([ftfBf<f^,ì“®□ì□Ý'è]ŽQ□Æ)□B

6. ,·,x,Ā,ì•î□X,ð—LŒø,É,·,é,É,í□A[OK],ðfNfŠfbfN,μ,Ü,·□B•î□X,ðŽæ,è□Ā,·,É,í□A[fLfff“fZf<]
,ðfNfŠfbfN,μ,Ü,·□B

□Ā□%,ì□»•ifCf“fXfg□[f<Œă,É'Ç%Œ,μ,½ftfBf<f^Œ`Ž®,í□í□œ,Ā,«„Ü,·□B□Ā□%
,ì□»•ifCf“fXfg□[f<'†,ÉfCf“fXfg□[f<,μ,½ftfBf<f^Œ`Ž®,í□í□œ,Ā,«„Ü,¹,ñ□B

ftf@fCf<Œ`Ž®,ð□í□œ,·,é,É,í□A`È%°,ìŽè□‡,É□],¢,Ü,·□B

1. [□‡”Ô],ì—ñ,Ā□A“K□Ø,Èftf@fCf<Œ`Ž®,ð'!ð,μ,Ü,·□B

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📖 Cumulus, ÌfJfXf^f}fCfY

📖 fJf^f□fO□EflfvfVf‡f“, Ì□Ý'è

fJf^f□fO□EflfvfVf‡f“, [fTf€flfCf<]f^fu

[fTf€flfCf<]f^fu, ©, ç□AfJf^f□fO†, Ü, ½, ÍfƎfR□[fh□X□VŽž, É□ì□¬, ³, ê, ½fTf€flfCf<, Ì•iŽž, ð□SƎä, ·, é, ±, Æ, ª, Å, «, Ü, ·□BfTf€flfCf<, Ì□ì—@, Í□A[fJf^f□fO□Ý'è]f_ fCfAf□fOf{fbfNfX, Å□Ý'è, μ, Ü, ·□B

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, ê, ðƎ©, Ê, ª, ç•iŽž, ð²□@, μ□A□Å“K, ÈŠOŠÌ, É□Ý'è, μ, Å, , ¾, ³, Ǝ□BfTf“fvf<, Ì□ä, É•Žì, ³, ê, Å, Ǝ
, é, Ì, Í□AfTf€flfCf<fTfCfY□ì'P^Ê□FsfNfZf<□j, ÆfTf€flfCf<, ª□è, ß, éffBfXfN—e—Ê, Ì—Ú^À, Å, ·□B
[fTf€flfCf<•iŽž], Å, Í□Aftf@fCf<•Ê, É•iŽž, ð'Ìð, Å, «, Ü, ·

□E [f%fcf“fA□[fg]□F2□F□ì”□•□j, Ìftf@fCf<—p

□E [fOfƎ□[fXfP□[f<]□FfOfƎ□[ŠK'², ðŽg—p, μ, Å, Ǝ, éftf@fCf<—p

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fJf%□[ftf<fJf%□[JPEG'á•iŽž	ftf<fJf%□[JPEG□, •iŽž

[fTf€flfCf<, Ì□Å“K‰»]
, ðf`fFfbfN, ·, é, Æ□AfJf^f□fO□ì<Æ†, É□AfTf€flfCf<, ÌŠOŠÌ, ðŽ©“®'Ì, É□Å“K‰», μ, Ü, ·□B[fƎfR□[fhfE
fBf“fhfE], Å□Å“K‰», μ, ½, ƎfƎfR□[fh, ð'Ì, Ñ□A[fƎfR□[fh]f□fjf...□[, ©, ç[fTf€flfCf<, ð'N—¾, É]
, ðfNfŠfbfN, μ, Ü, ·□B

[fTf€flfCf<, Ì□ì□¬], Å, Í□AfTf€flfCf<, Ì□ì□¬•û—@, ð'Ìð, μ, Ü, ·

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