



RealAudio Player ,lfwf<fv

fgfsfbfN,đfNfŠfbfN,μ,Ä,,¾,¾,¾,¾

■ ,.1.B.É

■ fXfe[f^fXfo[l.íf[fbfZ[fW

■ [ftf@fCf<l f[ffj...[

■ [•\Ž:l f[ffj...[

■ [Šî-{\Ÿ'è} f fCfAf[fO f{fbfNfX

■ [Ů'±,l"ŸEv} f fCfAf[fO f{fbfNfX

■ [fNfŠfbfv} f[ffj...[

■ [fTfCfG} f[ffj...[

■ fGf%oofuf<fVf...[fefBf"fO

RealAudio ,ÉŠÖ~A,.,é»•i,È,Ç,ìĀVî•ň,É,Ä,ç,Ä,íAProgressive Networks ,ì Web fTfCfG,đŽQÆ,μ,Ä,-
,¾,¾,¾,¾BfAfhfÇfX,íŽŸ,ì,Æ,"è,Ä,•B

<http://www.realaudio.com>

ĀV,ìfTf[fgî•ň,"æ,Ñ<Zpî•ň,É,Ä,ç,Ä,íAZŸ,lfAfhfÇfX,đŽQÆ,μ,Ä,,¾,¾,¾,¾

<http://www.realaudio.com/help.html>



,Í,Ň,ß,É

RealAudio Player ,ÍAfCf“f^□[f]fbfg,Å%°¹□²,ðŠfAf< f^fCf€,É□Ä□Ň, ,é,½,ß,lfvf□fOf%of€,Å, -□BRealAudio ,ÉŠÖ~A, ,é□»•i,É,Ç,í□Ä□V□î•ñ,É,Å,ç,Ä,í□AProgressive Networks ,ì Web ftfCfçg,ðŽQ□Æ,μ,Ä, - ,¾,¾,ç□BProgressive Networks ,lfAfhfçfX,ÍŽŸ,ì,Æ, ”,è,Å, -□B

<http://www.realaudio.com>

%°¹□²,ðÄ□Ň, ,é

RealAudio Player ,afCf“fXfg□[f<,¾,Ä,ç,é□è□‡,í□AWorld Wide Web ,lfy□[fW,Å RealAudio ,Æ□', ©,è,Ä,ç ,éVf‡□[fgfjfbfg,ðfNfŠfbfN, ,é,Æ□ARealAudio ftf@fCf<,aŽ©“@“Í,É□Ä□Ň,¾,è,Ü, -□BRealAudio Player ,ÍŽ©“@“Í,É<N“@,¾,è,é,½,ß□A, ,ç, ©,Ň,ß<N“@,μ,Ä, ”, •K—v,Í, ,è,Ü,¹,ñ□BRealAudio ftf@fCf<,a—p^Ó,¾,è,Ä,ç ,é Web ftfCfçg,ì^è—,É,Å,ç,Ä,í□AZŸ,lfAfhfçfX,ðŽQ□Æ,μ,Ä,,¾,¾,ç□B

<http://www.realaudio.com/raguide.html>

□Ä□Ň,Å,«,éç`Ž®

RealAudio Player ,Å□Ä□Ň,Å,«,é,ì,í□AZŸ,ì 2 ,Å,lfCf@fCf<ç`Ž®,Å, -□B

- .RA ,Æ,ç,‡Šg'£Žq,ðŽ□,Å RealAudio ftf@fCf<□B
- .RAM ,Æ,ç,‡Šg'£Žq,ðŽ□,Å RealAudio f^ftf@fCf<□B

.AU ftf@fCf<,â .WAV ftf@fCf<,ð RealAudio ftf@fCf<,É•İŠ, ,é,É,í□ARealAudio Encoder ,ðŽg,ç ,Ü, -□BRealAudio Encoder ,Í Progressive Networks ,ì Web fy□[fW, ©,ç“üŽè,Å,«,Ü, -□B

%°¹—Ê,ì²□B

[•\Ž!] f□fj...□[] [□î•ñ,Æf{fŠf...□[f€] fRf}f“fh,É^ó,ª•t,ç,Ä,ç,é,Æ,«,í□ARealAudio Player ,Å%°¹—Ê,ð²□B,Å,«,Ü, -□B%°¹—Ê,ð²□B, ,é,É,í□A%°¹—Ê²□B,Å,Ü,Ý,ðhf%ofbfO,μ,Ü, -□B,Ü,½□AWindows ,É•t'® , ,é{fŠf...□[f€] fRf“fgf□□[f<,ð<N“@,μ□A%°¹—Ê,ð²□B, ,é,±,Æ,à,Å,«,Ü, -□B%°¹—Ê²□B,Å,Ü,Ý,ª•\ Ž!,¾,è,É,ç□è□‡,í□AWindows ,lfTfEj“fh fhf%ofCfo,ª RealAudio Player ,É,Ç,lfXf^f“fhfAf□“ fvf□fOf%of€,ì%°¹—Ê²□B<@“\,É'í%°ž,μ,Ä,ç,Ü,¹,ñ□B%°¹—Ê²□B,ì<@“\,ª•\ Ž!,¾,è,É,ç□è□‡,í□AfXfs□[f]□[.ì,Å,Ü,Ý,Å²□B, ,é, ©□A,Ü,½,lfTfEj“fh fj□[fh,É•t'® , ,éfvf□fOf%of€,ðŽg—p,μ,Ä,,¾,¾,ç□B

%°¹,ª• ,±,ì,É,ç□è□‡,â”ñ□í,É□¬,¾,ç□è□‡,í□AfXfs□[f]□[.ì,Å,Ü,Ý,ì^É'u,ðŠm, ©,ß,é, ©□A,Ü,½,ì%°¹—Ê²□B,lfvf□fOf%of€,ì□Ýè,ðŠm, ©,ß,Ä,,¾,¾,ç□BWindows ,É•t'® , ,é{fŠf...□[f€] fRf“fgf□□[f<,ì□è□‡,í□A [f{fŠf...□[f€] fRf“fgf□□[f<] ,Æ [WAVE] ,ì%°¹—Ê,ðŠm, ©,ß,Ä,,¾,¾,ç□B

fz□[f€ f{f^f“

fz□[f€ f{f^f“ ,í□A[‘□—,è) f{f^f“ ,Æ [Šª,«-ß,μ] f{f^f“ ,ì%°E,É, ,éXfs□[f]□[.ìŠG,ª•t,ç,½f{f^f“ ,Å, -□Bfz□[f€ f{f^f“ ,ðfNfŠfbfN, ,é,Æ□AProgressive Networks ,lfz□[f€ fy□[fW,É^Ú“@ ,Å,«,Ü, -□Bftf@fCf<,ð“Ç,Ý□ž,ñ,Å,ç ,é,Æ,«,â□AfT□[fo□[.ÉfAfNfzfx,μ,Ä,ç,é,Æ,«,í□Afz□[f€ f{f^f“ ,lfXfs□[f]□[.ìŠG,ª%°ñ“],μ,Ü, -□B %°¹□²,ì□Ä□Ň't,í□AfXfs□[f]□[.ìŠG, ©,ç%°¹,ª□o,Ä,ç,éAfj□□[fVf‡“ ,ª•\Ž!,¾,è,Ü, -□BfpfPfbfg,ì²Ž, ,ª“ -□Ň, ,é,Æ□Afz□[f€ f{f^f“ ,É^î□è,ìŠG,ª•\Ž!,¾,è,Ü, -□B

ŠÖ~A□€-Ú

- fXfe□[f^fXfo□[.lf□fbfZ□[fW
- [ftf@fCf<] f□fj...□[
- [•\Ž!] f□fj...□[
- [fNfŠfbfv] f□fj...□[
- [ftfCfç] f□fj...□[
- fgf%ofuf<fvf...□[fefBf“fO



[ftf@fCf<] fffjf...]

[ftf@fCf<] fffjf...].,Á,íAfcf“f^[]fjfbfg fGfNfXfvf[]f%.,È,Ç,ì WWW fuf%ofEfU,ðŽg,í,,.É[]ARealAudio Player ,Á RealAudio ftf@fCf<,ðÄÄ¶,Á,«,Ü,·[]B

[URL ,ðŽw'è,μ,ÄŠ],]

fCf“f^[]fjfbfg fGfNfXfvf[]f%.,©,ç,Á,í,È,[]Afcf“f^[]fjfbfg,ì RealAudio fT[]fo[],.É, ,éftf@fCf<,ð'¼[]ÚŽw'è,μ,ÄÄ¶,.,é,Æ,«,ÉŽg,ç,Ü,·[]Bftf@fCf<,ðŽw'è,.,é,É,í[]ARealAudio (.RA) ftf@fCf<,lfAfhfCEfX,ð“ü—í,μ,Ü,·[]BfAfhfCEfX,É,í[]Apm (Progressive Networks Metafile) fAfhfCEfX,ðŽw'è,μ,Ü,·[]Bhttp[]Aftp[]Agopher ,È,Ç[]A,Ü,©,ìŽí—p,ì URL ,ðŽw'è,μ,Ä,àftf@fCf<,ðŠ],,± ,Æ,í,Á,«,Ü,¹,ñ[]BŽÿ,ì,æ,μ,ÈCE`Ž®,Á“ü—í,μ,Ä,,¾,¾,ç[]B

pnm://<RealAudio fT[]fo[],.ìft[]fo[][-¼>:<f[]fg“Ô[]t>/<ftf@fCf<,ì[]à'fjpfX-¼>

"pnm" ,í[]Aftf@fCf<,³ RealAudio fT[]fo[],.É, ,é,±,Æ,ðŽ!,μ,Ü,·[]B<RealAudio fT[]fo[],.ìft[]fo[][-¼> ,É,í[]ARealAudio ftf@fCf<,³·Ü'¶,³,é,Ä,ç,éft[]fo[],.ì IP fAfhfCEfX,Ü,½,lfhf[]fCf“-¼,ðŽw'è,μ,Ü,·[]B<f[]fg“Ô[]t> ,É,í[]A·W[]€,ì 7070 ^ÈŠO,lf[]fg,²ft[]fo[],.ì ÁŽg,í,é,Ä,ç,ééè±,É[]Af[]fg“Ô[]t,ðŽw'è,μ,Ü,·[]B<ftf@fCf<,ì[]à'fjpfX-¼> ,É,í[]ARealAudio ftf@fCf<,ì[]à'fjpfX,ðŽw'è,μ,Ü,·[]BŽÿ,É—á,ðŽ!,μ,Ü,·[]B

pnm://audio.realaudio.com/welcome.ra

,±,lfRf}f“fh,í[]ARealAudio fT[]fo[],.lfefXfg—p,Æ,μ,Ä—p^Ó,³,é,Ä,ç,Ü,·[]BfefXfg^ÈŠO,ì-Ü“ì,ÁŽg,μéè±,í[]Afcf“f^[]fjfbfg fGfNfXfvf[]f%.,È,Ç,ì WWW fuf %ofEfU,©,çftf@fCf<,ðŽw'è,.,é,Æ[]AŠÈ'P,Éftf@fCf<,ðÄÄ¶,Á,«,Ü,·[]B

[Š],]

Ž©·³,lfRf“fsf...[]f^,É·Ü'¶,³,é,Ä,ç,é RealAudio ftf@fCf<,ðÄÄ¶,.,é,Æ,«,ÉŽg,ç,Ü,·[]B.RA ,Ü,½,í .RAM ,Æ,ç,μŠg'£Žq,ðŽ[],.Áftf@fCf<,ðÄÄ¶,Á,«,Ü,·[]B

[[]Á<B,lfjtf@fCf<,ðŠ],]

[[]Á<B,lfjtf@fCf<,ðŠ],] fRf}f“fh,ðŽg,Á,Ä[]A[]Á<B[]Ä¶,μ,½fNfŠfbfv,ðÄÄ¶,Á,«,Ü,·[]B[ftf@fCf<] fffjf...[].] [[]Á<B,lfjtf@fCf<,ðŠ],] ,ðf[]fCf“fg,.,é,Æ[]A[]Á<B[]Ä¶,μ,½fNfŠfbfv,ì-¼'0,²·\ Ž!,³,é,Ü,·[]BfNfŠfbfv,ðÄÄ¶,.,é,É,í[]A-Ü“ì,lfNfŠfbfv,ðfNfŠfbfN,μ,Ü,·[]BfNfŠfbfv,ðŠ],,Æ,«,É[]AWWW fuf %ofEfU,ð<N“®,.,é·K—v,í, ,è,Ü,¹,ñ[]B·W[]€,ì[]Ý'è,Á,í[]A4 ,Á,lfNfŠfbfv,²·\Ž!,³,é,Ü,·²[]A[Šì-{[]Ý'è] f_fCfAf[]fo f{fbfNfX,Á·\Ž!,.,éNfŠfbfv,ì[]“,ð·í[]X,Á,«,Ü,·[]B

ŠÖ~A[]€-Ü

- .,í,¶,ß,É
- fXfe[]f^fXfo[],.lf[]fbfZ[]fW
- [·\Ž!] fffjf...]
- [fNfŠfbfv] fffjf...]
- [ftfCfg] fffjf...]
- fgf%ofuf<fvf...[]fefBf“fo



[•\Ž!} fffj...]

[•\Ž!} fffj... [Á, [RealAudio Player ,É•\Ž!,³,é,é€-
Ú,ðŸ'è,μ,½,è[Af[ffBf],âfjfbfgf[fN,ìŸ'è,ð•ìX,μ,½,è,Á,«,Ü,·B

[i•ñ,Æf{fŠf...][f€]

fNfŠfbfv,ìf^fCfjf[A]i-ŽÒA'~iCE i•ñA, ",æ,Ñ%¹-É'²B,Á,Ü,Ÿ,^a•\Ž!,³,é,Ü,·B%¹-
É,ð'²B,·,é,É,íA%¹-É'²B,Á,Ü,Ÿ,ðã%²,Éfhf%fbfO,μ,Ü,·B%¹-É'²B,Á,Ü,Ÿ,^a•\
Ž!,³,é,É,çèè,íAWindows ,ìfTfEf"fh fhf%ofCfo,^a RealAudio Player ,É,Ç,ìfXf^f"fh fAf"fvfOf%of€,ì
%¹-É'²B<@"\,É'í%Ž,μ,Á,ç,Ü,¹,ñB

[fXfe][f^fXfo[]]

fXfe][f^fXfo[],^a•\Ž!,³,é,Ü,·BfXfe][f^fXfo[],É,íARealAudio Player ,ìE»Ÿ,ìó'ÔARealAudio
ftf@fCf<,ì'·,ÆÁñ'É'uA, ",æ,Ñffj... [fRf}f"fh,ìà-¾,^a•\Ž!,³,é,Ü,·B

[Ši- {Ÿ'è}

[Ši- {Ÿ'è} f_fCfAfO f{fbfNfX,^a•\Ž!,³,é,Ü,·B[Ši- {Ÿ'è} f_fCfAfO f{fbfNfX,Á,íARealAudio Player
,ì,³,Ü, 'Ü,ÈŸ'è,ð•ìX,Á,«,Ü,·B,Ü, ©,ì•ù-@,Á [Ši- {Ÿ'è} f_fCfAfO f{fbfNfX,ð•\Ž!,·,é,É,íA[RealAudio
Player] fEfBf"fhfE,ðf}fEfX,ì%Ef{f^f",ÁfNfŠfbfN,μA[Ši- {Ÿ'è,ì•ìX], ðfNfŠfbfN,·,é, ©A,Ü,½,í **Ctrl**
fL[,ð%Ÿ,μ,É,ç **P** fL[,ð%Ÿ,μ,Ü,·BfNfŠfbfv,ìÁñ'+,íA[Ši- {Ÿ'è} f_fCfAfO
f{fbfNfX,ìŸ'è,ì•ìX,Á,«,Ü,¹,ñB

[“Eev]

[Ú'±,ì"CEv] f_fCfAfO f{fbfNfX,^a•\Ž!,³,é,èARealAudio ftf@fCf<,ì"]- ,ì"CEvî•ñ,^a•\
Ž!,³,é,Ü,·B,Ü, ©,ì•ù-@,Á[Ú'±,ì"CEv] f_fCfAfO f{fbfNfX,ð•\Ž!,·,é,É,íA[RealAudio Player]
fEfBf"fhfE,ðf}fEfX,ì%Ef{f^f",ÁfNfŠfbfN,μA["CEv,ì•\Ž!], ðfNfŠfbfN,μ,Ü,·B

[í,ÉŽè'O,É•\Ž!]

[RealAudio Player] fEfBf"fhfE,âfAfNfefBfu,Á,È,çèè,àA,Ü, ©,ìfEfBf"fhfE,æ,èŽè'O,É•\Ž!,³,é,é,æ,¸
,É,È,è,Ü,·B,±,ìfRf}f"fh,ðŽg,¸,ÆAfCf"f^ [flfbfg fGfNfXfvf[f%o,ðŽg,Á,Á,ç,é,Æ,«,Á,à RealAudio
Player ,ìó'Ó,ðŠm"F,Á,«,é,æ,¸,É,È,è,Ü,·B

ŠÖ~A€-Ú

- ▣ í,ñ,ß,É
- ▣ fXfe][f^fXfo[].ìf[fbfZ[]fW
- ▣ [ftf@fCf<] fffj...]
- ▣ [fNfŠfbfv] fffj...]
- [fTfCf<] fffj...]
- faf%uf<Vf...][fefBf"fo

▪ [•\Ž:] f fjjf...[.ì [Šì-{-Ÿ'è] f_fCfAf fO f{fbfNfX

[Šì-{-Ÿ'è] f_fCfAf fO f{fbfNfX, Å, í ARealAudio Player , ìŸ'è, â Af fbf g f [fN Ÿ'± Af v f fL fV fT [fo [A %o¹º, ìo—í, È, Ç, ìŸ'è, ð•í X, Å, «, Û, : BfNfŠfbfv, ìÅŸ'±, í AŸ'è, í•í X, Å, «, Û, ¹, ñ B[Šì-{-Ÿ'è] f_fCfAf fO f{fbfNfX, É, í A4 , Å, ìf^fu, ¢, è, Û, : BŸ'± X, É, Å, ¢, Å, í AŽŸ, ì€-Û, ðŽQÆ, µ, Å, , ¾, ³, ¢ B

- [Ÿ'±] f^fu
- [f fbf g f [fN] f^fu
- [f v f fL fV] f^fu
- [Ÿ'± XŸ'è] f^fu

■ [Ši-{'Ÿ'è} f_fCfAf_fO f{fbfNfX,ì [î•ñ] f^fu

[Ä·ß,ì X CEÄ,ìfNfŠfbfv,ð•Ü'Ÿ,·,é]

[ftf@fCf<] fffj...[.ì [Ä<ß,ìftf@fCf<,ðŠj,] fRf}f"fh,ðf[fCf"fg,μ,½,Æ,«,É•\Ž|,³,è,éfNfŠfbfv,ì",ð 0 ` 99 ,ìŠÖ,ÄŽw'è,μ,Ü,·B•W€€,ìŸ'è,Ä,í 4 CEÄ,ìftf@fCf<,ª•\Ž|,³,è,Ü,·B

[fi[fffBfi,ìŽ,ð-Dæ]/[CPU ,ìŽg-p-ì,ð'á,]

RealAudio 28.8 fAf<fSfŠfYf€,ÄÄÄÄ,³,è,é%°¹º,ì•iŽ,ðÄ,à,,·,·,é,É,íAfCf"f^[]fjfbfg,ðCeo-R,μ,Ä"']— ,³,è,éff[]f^,ð,·,ì,â,^—,·,é•K-v,ª, ,è,Ü,·B,±,è,É,íAPentium fv[]fZfbfT,ª" <Ü,³,è,½fRf"fsf... []f^,ªÄ,à"K,μ,Ä,ç,Ü,·B%°¹º,ðÄÄÄ,μ,Ä,ç,é,Æ,«,ÉfpftfH[]f}f"fx,ª'â,«, 'á%°º,·,éèè±,íA,Ä,Ü,Ý,ðfhf %°fbfO,μ,Äfi[fffBfi,ìŽ,Æ CPU ,ìŽg-p-ì,ìfof%°f"fx,ð²[]@,μ,Ü,·B•W€€,ìŸ'è,Ä,ìfi[fffBfi,ìŽ,ª— Dæ,³,è,é,æ,ª,É,È,Ä,Ä,ç,Ü,·,ªAfptftfH[]f}f"fx,ðCeü[]ã,·,é,É,íA,Ä,Ü,Ý,ð%°E,Öfhf%°fbfO,μ,Ü,·B

[“~Šúf}f<f`f[]ffBfA] f`fFfbfN f{fbfNfX

RealAudio Synchronized Multimedia fNfŠfbfv,ðÄÄÄ,·,·,é,Æ,«,ÉA%°¹º,É±,í,¹,ÄŽÿ,ì Web fy[]fW,ð•\ Ž|,·,é,æ,ª,É,μ,Ü,·B%°¹º•t,«,ìfXf%°fCfh fVf±[][,ð•\Ž|,·,·,é,Æ,«,ÉŽg,ç,Ü,·B•W€€, ,ìŸ'è,Ä,íA["~Šúf}f<f`f[]ffBfA] f`fFfbfN f{fbfNfX,ìf" ,É,È,Ä,Ä,ç,Ü,·BRealAudio Synchronized Multimedia fNfŠfbfv,ðÄÄÄ,·,·,é,Æ,«,ÉAZÿ,ìfy[]fW,ªŽ©"®"I,É•\Ž|,³,è,È,ç,æ,ª ,É,·,é,É,íA["~Šúf}f<f`f[]ffBfA] f`fFfbfN f{fbfNfX,ðfift,É,μ,Ü,·B

■ [Ši-{-Ÿ'è} f_fCfAf_fO f{fbfNfX,ì [flfbfgf][fN] f^fu

[Ši-{-Ÿ'è} f_fCfAf_fO f{fbfNfX,ì [flfbfgf][fN] f^fu,Á,í[AŽŸ,ìŋ•ñ,ðŸ'è,μ,Û,·B

- f[ffBfl,ìŽóM•ù-@
- fT[fO[.ÉŮ'±,·,é,Û,Á,ì'Ò,žŽšŌ
- fT[fO[.É"ŮEvŋ•ñ,ð'—M,·,é,©,Ç,α,©
- ff[f^,ì'Ž,·,ðC•œ,·,é,©,Ç,α,©

,±,é,ç,ìŋ•ñ,ìŸ'è,É,í[AfCf"f^[]f[fbfg fv[]fgRf<,"æ,Ñftf@fCf,,fEfH[]f<,ÉšŌ,·,éšì-{"I,È'mŽ",a•K—
v,Á,·B

[f[]ffBfl,ìŽóM•ù-@]

•W€,ìŸ'è,Á,í[Af[]ffBfl,ìff[f^,í UDP

fpfPfbfg,Æ,μ,ÄŽóM,³,é,Û,·BfpfPfbfg,ð'•É,·,éftf@fCf,,fEfH[]f<,ì"à'α,É,·,éRf"fsf...[]f^,Á,í[AUDP
fpfPfbfg,ðŽóM,Á,«,È,ç,±,Æ,a,·,è,Û,·B,±,ìè[]±,í[A[TCP] ,ðfNfŠfbfN,μ,Û,·B

'[]

- ^È'Ō,ìfx[]f^"Á,ì RealAudio 2.0 fT[fO[.í[A[TCP] flfvVf^f" ,É'í%ž,μ,Ä,ç,Û,¹,ñB,±
,ìè[]±[AfXfe[]f^fXfo[.É "[] ,ðfofbftf@fŠf"fO,μ,Á,ç,Û,·B" ,Æ,ç,xf[]fbfZ[]fW,a•\Ž!,³,è[A
%o¹[]²,²[]Á[]³,³,è,Û,¹,ñBRealAudio 2.0 fT[fO[.Ō,ìfAfbfvfOfC[]fh,É,Á,ç,Á,í[AfT[]fo[.ìŠÇ—[]ŽŌ,É,"—
à,ç[]±,ì¹,³/4,³,ç[]B

[Žw'è,ì UDP f[]fg,ðŽg—p] f^fFfbfN f{fbfNfX

UDP fpfPfbfg,ð'Á'è,ìf[]fg,©,çŽóM,Á,«,é,æ,α,Éftf@fCf,,fEfH[]f<,²Ÿ'è,μ,Ä,·,éè[]±,É[AŽw'è,μ,½ UDP f[]
[]fg,ðŽg,α,æ,α,É,μ,Û,·BRealAudio Player ,Á UDP fpfPfbfg,ðŽóM,·,é,É,í[A1000 ,©,ç 9999 ,Û,Á,ìf[]
[]fg"Ō[]±,ðŽw'è,μ,Û,·BŽw'è,·,éj[]fg"Ō[]±,É,Á,ç,Á,í[AfT@fCf,,fEfH[]f<,ìŠÇ—[]ŽŌ,É,"—à,ç[]±,ì¹,³/4,³,ç[]B

'[]

- RealAudio ,ì TCP fpfPfbfg,É,í[Af[]fg"Ō[]± 7070 ,³/4,·,ðŽg—p,Á,«,·,è,Û,·B

[fT[]fo[.ìf^fCfEfAfEfg]

RealAudio fT[]fo[.Ō,ìŮ'±,²Šm—š,³,é,é,Û,Á'Ò,Á•b[]",ðŽw'è,μ,Û,·BŽw'è,μ,½žŽšŌ"à,ÉŮ'±
,Á,«,È,çè[]±,í[AŠm"Ÿ,ì_fCfAf_fO f{fbfNfX,a•\Ž!,³,é,Û,·B•W€,ì'í 90 •b,Á,·B0

•b,É,·,é,Æ[Af^fCfEfAfEfg,ì"[]¹,μ,Û,¹,ñB

[“ŮEv,ð'—M,·,é] f^fFfbfN f{fbfNfX

fNfŠfbfv,ìÄ[]¹,²Š@—¹,μ,½Cä,É[A"ŮEvŋ•ñ,ð RealAudio fT[]fo[.É'—,è•Ō,·,æ,α,É,μ,Û,·BRealAudio
Player ,Á,í[AfCf"f^[]f[fbfg fT[]fxfX fv[]fofCf,,²"']—•ìŽž,ðšÇ—[]Á,«,é,æ,α,É,·,é,½,ß[A"']—,ì"ŮEvŋ•ñ,a
RealAudio fT[]fo[.É'—M,³,é,Û,·B"ŮEvŋ•ñ,ñ"à—e,í[A["ŮEvŋ•ñ] f_fCfAf_fO f{fbfNfX,É•\

Ž!,³,é,é,à,ì,Æ"~ ,¹,Á,·B'—M,³,é,é"à—e,ìŽž,ì,Æ," ,è,Á,·B

- ŽóMfpfPfbfg"
- '¹Ž_fpfPfbfg"
- 'x%o,,fpfPfbfg"
- '[]'...fpfPfbfg"
- "j'fpfPfbfg"

RealAudio Player ,Á,í[Af[]fU[][-¼[]A"dŽqf[]f<

fAfhfCfX[]Afpxf[]fh,È,Ç[Af[]fU[.ðŽ'•É,·,éŋ•ñ,a"Ç,Ÿ[]o,³,é,½,è[ARealAudio fT[]fo[.É'—
[]M,³,é,½,è,·,é,±,Æ,ì,·,è,Û,¹,ñB

[¹Ž,·,ðC•œ,·,é] f^fFfbfN f{fbfNfX

RealAudio fT[]fo[.Æ RealAudio Player ŠŌ,Á,ìfPfbfg,ì¹Ž,·,a•à[]³,³,é,é,æ,α,É,μ,Û,·BfpfPfbfg,ì¹Ž,·,a"-

[]¹,μ,Ä,ç,éè[]±,í[A'Z,ç[]U" @%o¹,a•,±,ì,Û,·B[¹Ž,·,ðC•œ,·,é] f^fFfbfN

f{fbfNfX,ðfift,É,·,é,Æ[A¹Ž_fpfPfbfg,ìfXfLfbfv,³,é,Û,·B

[‘Ñ^æ•[]]

fCf"f^[]f[fbfg[]Ů'±,ìŽì—p,ðŽw'è,μ,Û,·BRealAudio ,ìfTfCfG,Á,í[A'Ñ^æ•[]fSfVfG[]fVf^f",ÆCEÄ,ì,è,é<@"\

,ðŽg,Á,Á RealAudio ,ìfT[]fxfX,ð'ñ<Ÿ,·,é,±,Æ,a,Á,«,Û,·B,±,ì<@"\,ðŽg,α,Æ[]A1 ,Á,ìfVf^[]fgfjfbfg,Á 14.4

fAf<fSfŠfYf€,Æ 28.8 fAf<fSfŠfYf€,ì—¼•û,ìftf@fCf<,đ'ň<Ÿ,Å,«,Ü,·BfVf#[]fjgffjfbfg.đŽÀ[]s,·,é,Æ[]A,“Žg,č,ì
RealAudio Player ,ÉŠÖ,·,é[]î•ň,²ft[]fo[][,É'—,ç,ê[]A“K[]Ø,ÈŽí—
p,ìftf@fCf<,đŽó[]M,Å,«,Ü,·BŽó[]M,·,éftf@fCf<,ìŽí—p,í[]AfCf“f^[]fjfbfg[]Ú'±,ì'Ê[]M'—“x,É,à
%œ<¿,³,ê,Ü,·B

■ [Šî-{-Ÿ'è} f_fCfAf_fO f{fbfNfX,ì [fvf_fLfv] f^fu

fvf_fLfv fT[fo[ALAN ,ÆfCf“f^[]fifbfg,ìŠÔ,ì-hCèi•Ç,ì-ðŠ,,ð%è,½,μ,Û,·Bfvf_fLfv fT[fo[ALAN ,ÉŸÚ±,³,è,À,ç,éRf“fsf...[]f^ ,ÆfCf“f^[]fifbfg,Æ,ìŠÔ,À•s³,Éf[]f^CèðŠ·,ªs,í,è,È,ç,æ,π,ÉŠÇ—,μ,Ä,ç ,Û,·BRealAudio Player 2.0 ,Ä,íA[Šî-{-Ÿ'è} f_fCfAf_fO f{fbfNfX,ì [fvf_fLfv] f^fu,Äfvf_fLfv fT[fo[,ìî•ñ,ðŸ'è,μ,Û,·B

[fvf_fLfv,ðŽg—p] f^fFfbfN f{fbfNfX

fvf_fLfv fT[fo[,ðCeo—R,μ,Ä RealAudio fT[fo[,ÉŸÚ±,·,é,æ,π,É,μ,Û,·B,±,ìf^fFfbfN f{fbfNfX,ðfif“ ,É,μ,½èè±,íA fzfXfg-¼,Æf[]fg”Ô±,ðŽw’è,·,é•K—v,ª, ,è,Û,·B

[fzfXfg]

fvf_fLfv fT[fo[,ìfhf[]fCf“ -¼,Û,½,í IP fAfhfCfX,ð“ü—í,·,éèèŠ,Ä,·Bftf@fCf,,fEfH[]f<,ðCeo— R,·,éèè±,ìfvf_fLfv fT[fo[,ìfzfXfg-¼,É,Ä,ç,Ä,íAftf@fCf,,fEfH[]f<,ìŠÇ—[]ŽÒ,É,“ -à,ç±,í,¹,¾,³,çB

[f[]fg]

fvf_fLfv fT[fo[,Æ’ÉM,·,é,Æ,« ,ÉŽg—p,·,é[]fg”Ô±,ð“ü—í,·,éèèŠ,Ä,·Bftf@fCf,,fEfH[]f<,ðCeo— R,·,éèè±,ìf[]fg”Ô±,É,Ä,ç,Ä,íAftf@fCf,,fEfH[]f<,ìŠÇ—[]ŽÒ,É,“ -à,ç±,í,¹,¾,³,çB

[fvf_fLfv,ðŽg—p,μ,È,ç]

fvf_fLfv fT[fo[,ðCeo—R,μ,È,çf[]fj< fzfXfg,ìfhf[]fCf“ -¼,Û,½,í IP fAfhfCfX,ð“ü— í,·,éèèŠ,Ä,·BŽw’è,·,é[]fj< fzfXfg,É,Ä,ç,Ä,íAftf@fCf,,fEfH[]f<,ìŠÇ—[]ŽÒ,É,“ -à,ç±,í,¹,¾,³,çB

■ [Ši-{{Y'è} f_fCfAf_fO f{fbfNfX,ì [Ú×Y'è} f^fu

ftTfEf"fh fllfh,ìCEYŠ·«,É-â'è,â, ,éêê±,É,¾, A,±,ìf`fFfbfN f{fbfNfX,ðflf" ,É,μ,Ä,,¾,¾,çB'Êí,íA16

[8 frfbfg,ì,YŽg-p] f`fFfbfN f{fbfNfX

ftTfEf"fh fllfh,ìCEYŠ·«,É-â'è,â, ,éêê±,É,¾, A,±,ìf`fFfbfN f{fbfNfX,ðflf" ,É,μ,Ä,,¾,¾,çB'Êí,íA16
frfbfg,ìftTfEf"fh fllf^,âftTfEf"fh fllfh,É'—,ç,è,Ü,·B,½,¾,μA8 frfbfg ftTfEf"fh fllfh,ðŽg,Á,Ä,ç
,éêê±,íAŽ©"®"l,É 8 frfbfg,ìftTfEf"fh fllf^,â'—,ç,è,Ü,·BftTfEf"fh fllfh,â 16 frfbfg,ìftTfEf"fhÄÄ¶,É'í
%ž,μ,Ä,ç,É,ç,±,Æ,â" FŽ~ ,¾,Ä,ç,É,çêê±,íAfNfŠfbfv,ðÄ¶¶,·,é,Æ^Üí,É%¹,â,μ,Ü,·B,±,ì,æ,æ
,Éêê±,É,±,ìf`fFfbfN f{fbfNfX,ðflf" ,É,·,é,ÆA·W€,ì 16 frfbfg ftTfEf"fhÄÄ¶¶,ìY'è,â·ìX,¾,èA8 frfbfg
ftTfEf"fh,ÄÄ¶¶,¾,è,Ü,·B

[11KHz ,ì,YŽg-p] f`fFfbfN f{fbfNfX

ftTfEf"fh fllfh,ìCEYŠ·«,É-â'è,â, ,éêê±,É,¾, A,±,ìf`fFfbfN f{fbfNfX,ðflf" ,É,μ,Ä,,¾,¾,çB'Êí,íA8KHz
,ìftTfEf"fh fllf^,âftTfEf"fh fllfh,É'—,ç,è,Ü,·B8KHz ,ìftf"fvfŠf"foŽü"gp" ,É'í%ž,μ,Ä,ç,É,çftTfEf"fh
fllfh,ðŽg,Á,Ä,ç,éêê±,íAÄ¶¶%¹,â¶,·,·,±,ì,½,èA^Üí,É'—,·,·,±,ì,½,è,μ,Ü,·B,±,ì,æ,æ,éêê±,É,±
,ìf`fFfbfN f{fbfNfX,ðflf" ,É,·,é,ÆAftTfEf"fh fllf^,â 11KHz ,É·İŠ,¾,è,ÄftTfEf"fh fllfh,É'—
,ç,è,Ü,·B,½,¾,μA,±,ìf`fFfbfN f{fbfNfX,ðflf" ,É,·,é,ÆAftTfEf"fh,ðÄ¶¶,·,é,Æ,«,Éfvf¶fZfbfJT,É,©,©,é·
%š'S,â'â,«,,È,è,Ü,·B

■ [•\Ž!] f{fbfNfX...[.ì [“□CEv] f_fCfAf□fo f{fbfNfX

[•\Ž!] f{fbfNfX...[.ì [“□CEv] ,đfNfšfbfN,.,é,Æ□A[□Ú’±,ì“□CEv] f_fCfAf□fo f{fbfNfX,ª•\Ž!,³,è,Ü,·□B,± ,ìf_fCfAf□fo f{fbfNfX,É,ì□ARealAudio fT□[fo□[.Æ RealAudio Player ŠŌ,Ä,ì“]’—,ì“□CEv□î•ň,ª•\ Ž!,³,è,Ü,·□B•\Ž!,³,è,é“à—e,íŽÿ,ì,Æ,“; ,è,Ä,·□B

- Žó□MfpfPfbfg,ì□”,ÆŠ,,□‡ (%)
- ‘¹Ž_fpfPfbfg,ì□”,ÆŠ,,□‡ (%)
- ‘x%□,,fpfPfbfg,ì□”,ÆŠ,,□‡ (%)
- ‘□’...fpfPfbfg,ì□”,ÆŠ,,□‡ (%)
- %□ß<Ž 30 •bŠŌ,ì¹Ž_fpfPfbfg,ì□”,ÆŠ,,□‡ (%)
- “j¹fpfPfbfg,ì□”,ÆŠ,,□‡ (%)

fpfPfbfg,ì¹Ž ,ª”□¶,μ,Ä,ç,é□ê□‡,í□A’Z,ç□U“ @%□¹,ª•,±,ì,Ü,·□B,Ü,½□A[‘¹Ž_đ□C•œ,·,é] f`fffbfN f{fbfNfX,ªflft,É,È,Ä,Ä,ç,é□ê□‡,í□AfpfPfbfg,ªxfLfbfv,³,è,é,±,Æ,ª, ,è,Ü,·□B

fpfPfbfg,ì¹Ž ,Ä□Ä□¶%□¹Ž ž,ª^«%□» ,·,éCE`^ö,Æ,μ,Ä,í□A`èŽž“l,Éflfbfgf□□[fn,ì’É□M□áŠQ,ª”□¶,μ,Ä,ç ,é,©□A,Ü,½,í–Ú“l,ì Web fTfCfg,ÉfAfNfZfX,ª□W’t,μ□Aft□[fo□[.ì□^—□“\—í,đ’ ,ì,Ä,ç,é,± ,Æ,ª□l,ì,ç,è,Ü,·□BŽžŠŌ,đ,“ ,ç,Ä,©,ç,à,ª^è“x,â,è¹/₄,·,©□A,Ü,½,í,Ü,©,ìfTfCfg,đŽŽ,μ,Ä,Ý,Ä,,³/₄,³,ç□B

f,ff€ ,đŽg,Ä,ÄfCf“f^□[flfbfg,É□Ú’±,μ,Ä,ç,é□ê□‡,É□AfpfPfbfg,ì¹Ž ,ª□, ,çŠ,,□‡,Ä”□¶,μ’± , , ,é□ê□‡,í□A14.4Kbps ^È%□²,ì’á–,Ä’É□M,μ,Ä,ç,é,©□A,Ü,½,ìfCf“f^□[flfbfg fT□[frfX fvf□fofCf_ ,ì’Ñ^æ•□,ª•s’« ,μ,Ä,ç,é%□Ä”\□« ,ª, ,è,Ü,·□B□Ú×,É,Ä,ç,Ä,í□Afcf“f^□[flfbfg fT□[frfX fvf□fofCf_ ,É,“ –â,ç□‡,í,¹,,³/₄,³,ç□B

fpfPfbfg,ì¹Ž ,ª”□¶,·,é,Æ□A[fz□[f€] f{f^f“ ,É^î□È,ìŠG,ª•\Ž!,³,è,Ü,·□B

■ [fNfŠfbfv] f[]fjf...[]

[fNfŠfbfv] f[]fjf...[][,ìRf]}f“fh,ðŽg,α,Æ[]A•;[]”,ì RealAudio (.ram) ftf@fCf<,ª, ,é[]ê[]#,É[]A‘O,ìfNfŠfbfv,É-
β,Á,½,èŽŸ,ìfNfŠfbfv,É[]i,ñ,¾,è,Á,«,Ü,·[]B,±,ì<@“\,í[]ACD fvf[]E[]f,,[][,ì BACK f{f^f“,à FOR
f{f^f“,Æ“~,[],æ,α,È-ðŠ,,δ%É,½,μ,Ü,·[]BfAfNfZfX,μ,Ä,ç,éVf#[][gff]fbfg,É RealAudio (.ram) ftf@fCf<,ª 1
,Á,μ,©,È,ç[]ê[]#,í[]A,±,ì<@“\,íŽg—p,Á,«,Ü,¹,ñ[]B[fNfŠfbfv] f[]fjf...[][,É,íŽŸ,ìRf]}f“fh,ª, ,è,Ü,·[]B

[‘O,ìfNfŠfbfv]

‘O,ìfNfŠfbfv,ð[]Ä[][]μ,Ü,·[]B

[ŽŸ,ìfNfŠfbfv]

ŽŸ,ìfNfŠfbfv,ð[]Ä[][]μ,Ü,·[]B

ŠÖ~A[]€-Ú

- _____,í,[],β,É
- _____fXfe[]f^fXfo[][,ìf[]fbfZ[]fW
- _____[ftf@fCf<] f[]fjf...[]
- _____[•Ž!] f[]fjf...[]
- _____[fTfCf[]] f[]fjf...[]
- _____fgf%°fuf<fVf...[]f[]f[]f“fO

▪ [fTfCf] f f f f... [

[fTfCf] f f f f... [, l f R f } f " f h , Å , í A Progressive Networks , ì , ð , ' , Ü , È Web f y [f W , ð • \ Ž ! , Å , « , Ü , • B , ± , ì < @ " \ , í A Mosaic A Spyglass Mosaic A Spry Mosaic A Netscape A f C f " f ^ [f l f b f g f G f N f X f v f [f % , È , Ç A Ž å — v , È Web f u f % o f E f U , Å Ž g — p , Å , « , Ü , • B Web f u f % o f E f U , í Ž © " @ " I , É < N " @ , ð , é , é , ½ , ß A , , ç , © , ¶ , ß < N " @ , µ , Å , " , - • K — v , í , , è , Ü , ¹ , ñ B [f T f C f g] f f f f ... [, © , ç , í A Ž Ÿ , ì f y [f W , ð • \ Ž ! , Å , « , Ü , • B

RealAudio Home Page
(http://www.realaudio.com)

Progressive Networks , ì f z [f €
f y [f W

RealAudio Guide
(http://www.realaudio.com/raguide.html)

RealAudio f t f @ f C f < , a — p ^ Ó , ð , é , Ä , ç
, é Web f T f C f g , ì ^ è — —

RealAudio Help

RealAudio , ì à - ¾ , Æ FAQ
(Frequently Asked Questions) j
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- í , ¶ , ß , É
- f X f e [f ^ f X f o [, ì f f b f z [f W
- [f t f @ f C f <] f f f f ... [
- [• \ Ž !] f f f f ... [
- [f N f Š f b f v] f f f f ... [
- f g f % o f u f < f V f ... [f e f B f " f O

■ fgj%ofuf<fvf...[fefBf"fo

,±,±,Á,í[AŽÝ,ì-â-è,ì^í^•û-@,ðŽ,ì,ü,·□B
■ %o¹,â•,±,ì,È,ç,©□A,Ü,½,í^Ù□í,È%o¹,â•,±,ì,Ü,· - ftFef"fh fj□[fh,ìCEÝŠ-□«,ì-â-è
■ ^Ù□í,È%o¹,â•,±,ì,Ü,· - ftFef"fh fj□[fh^ÈŠO,ì-â-è
■ RealAudio Player ,â<N"® ,¹, ,É□A[-¼'O,ð•t, ,Ä•Ü'¶] f{f^f" ,â, ,éf_fCfAf□fo f{fbfNfX,â•\Ž,³,è,Ü,·□B
■ □Ä□¶,Ä,«,Ü,¹,ñ - ftf@fCf,,fEfH□[f,ì-â-è
■ □Ä□¶,Ä,«,Ü,¹,ñ - TIA (The Internet Adapter) ,ì-â-è
■ fCf" f^□[flfbfg fGfNfXfvf□□[f%o,É RealAudio ,ìí•ñ,ð'C%oÄ,·,é,É,Í
■ "à-e,ìŽí-p (MIME)
,Ü,©,ì-â-è,É,Ä,ç,Ä,í□AProgressive Networks ,ì□Ä□V,ìfgf%ofuf<fvf...[fefBf"fo,Æ FAQ (Frequently Asked Questions) ,ì Web ftfCfçg,ðŽQ□Æ,μ,Ä,,¾,³,ç□BfAfhfçfX,ìŽÝ,ì,Æ, ,è,Ä,·□B

http://www.realaudio.com/help.html

%o¹,â•,±,ì,È,ç,©□A,Ü,½,í^Ù□í,È%o¹,â•,±,ì,Ü,· - ftFef"fhfj□[fh,ìCEÝŠ-□«,ì-â-è

RealAudio Player ,ìCEÝŠ-□«,í□A,³,Ü,´,Ü,ÈftFef"fhfj□[fh,ÄfefXfg,³,è,Ä,ç,Ü,·□B,½,¾,μ□Afcf"fxfg□[f<,ì□-
¹ŽŽ,É□Ä□¶,³,è,éftf"fvf< fNfŠfbfv,ì%o¹,â•,±,ì,È,©,Ä,½,è□A%o¹Žž,â<É' [É^« ,©,Ä,½,è, ,é□é□¶,í□AftFef"fh
fj□[fh,ìCEÝŠ-□«,É-â-è,â, ,é%oÄ"□« ,â, ,è,Ü,·□B,±,ì-â-è,ð%oðCE^ ,·,é,É,í□AŽÝ,ìŽè□¶,É□],Ä,Ä'í□ ,μ,Ä,-
,¾,³,ç□B

- 1 ftFef"fh fj□[fh,ì□»'çCE³,©,ç□Ä□V,ìfhf%ofCfo,ð"üžè,μ,Ü,·□B□Ä□V,ìfhf%ofCfo,ðŽg,μ ,Æ□ACEÝŠ-□«,ÉŠÖ, ,é-â-è,ì,Ü,Æ,ñ,ç,ð%oðCE^ ,Ä,«,Ü,·□B
- 2 [Ší-{□Ý'è) f_fCfAf□fo f{fbfNfX,ì [□Ú□×] ,ðfNfŠfbfN,μ□A[8 frfbfg,ì,Ýžg-p] ,Ü,½,í [11KHz,ì,Ýžg-p] f^fNfX f{fbfNfX,ðfj" ,É,μ,Ä,Ý,Ü,·□B³,μ,□Ä□¶,Ä,« ,é,©,ç,μ,©,ðŠm,©,ß,é,É,í□A[ftf@fCf<] f□jif...□[,ì [Š.] ,ðfNfŠfbfN,μ□ARealAudio Player ,ðfCf"fxfg□[f<,μ,½ftfHf<f_ ,ì Start.ram ftf@fCf<,ð'ì,Ñ,Ü,·□B
- 3 Žè□¶ 2 ,Ä-â-è,â%oðCE^ ,Ä,« ,É,ç□é□¶,í□AProgressive Networks ,ì Web fy□[fW,Ä-â-è,ð•ñ□□,μ,Ä,- ,¾,³,ç□BProgressive Networks ,ìfAfhfçfX,ìŽÝ,ì,Æ, ,è,Ä,·□B

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^Ù□í,È%o¹,â•,±,ì,Ü,· - ftFef"fh fj□[fh^ÈŠO,ì-â-è

%o¹Žž,â< ,ç□é□¶,í□A,ç, ,Ä,©,ìCE^ö,â□,ì,ç,è,Ü,·□B
CEÄ,çfRf"fsf...□[f^ ,âŠO•t, ,ìf,fff€,ðŽg,Ä,Ä,ç,é□é□¶,í□AUART f^fbfv,â<□Ú,³,è,Ä,È,ç%oÄ" \
□« ,â, ,è,Ü,·□BUART f^fbfv,É,í□Aff□[f^ ,ì"´ -CE^Ž®,ðŠCEä,μ,Ä%o¹Žž,ðCEü□ä,·,é<@" \ ,â, ,è,Ü,·□BUART
f^fbfv,â<□Ú,³,è,Ä,ç,É,ç□é□¶,í□AfpfPfbfg,ì¹Ž , ,â"□¶,μ,Ä,ç,é%oÄ"□« ,â, ,è,Ü,·□BWindows ,ìf^fvf□fof%of€
,É,ç,ðŽg,Ä,ÄfRf"fsf...□[f^ ,ì UART f^fbfv,ìŽí-p,ðŠm,©,ß,Ä,,¾,³,ç□B³,μ,%o¹□°,ð□Ä□¶,·,é,É,í□A16550 ,ì
UART f^fbfv,â•K-v,Ä,·□B
,Ü,½□Aflfbfgf□□[fN,â<-ŽG,μ,Ä,ç,é,½,ß,É□AfpfPfbfg,ì¹Ž , ,â"□¶,μ,Ä,ç,é%oÄ"□« ,â, ,è,Ü,·□B□Ú±
,ì□ó'Ö,í□AftfCfçg,É,æ,Ä,Ä^Ü,È,è,Ü,·□B[□Ú±,ì"□CEv] f_fCfAf□fo f{fbfNfX,ðŽg,Ä,Ä□AfpfPfbfg,ì¹Ž , ,â"
□¶,μ,Ä,ç,É,ç,©,ç,μ,©,ðŠm,©,ß,Ä,,¾,³,ç□BfpfPfbfg,ì¹Ž , ,â"□¶,μ,½□é□Š,ð"Ä-è, ,é,É,í□AWS-Watch ,ì,æ,μ
,Éflfbfgf□□[fNŠŽž<fvf□fof%of€,â-ð-s,ž,Ü,·□B

RealAudio Player ,â<N"® ,¹, ,É□A[-¼'O,ð•t, ,Ä•Ü'¶] f{f^f" ,â, ,éf_fCfAf□fo f{fbfNfX,â•\ Ž,³,è,Ü,·□B

RealAudio Player ,â<N"® ,¹, ,É□A[-¼'O,ð•t, ,Ä•Ü'¶] f{f^f" ,â, ,éf_fCfAf□fo f{fbfNfX,â•\
Ž,³,è,½□é□¶,í□ARealAudio Player ,â³,μ, "o"´ ,³,è,Ä,ç,É,ç%oÄ"□« ,â, ,è,Ü,·□BRealAudio Player
,ðfCf"fxfg□[f<,μ,½CEä,É□AWindows 95 ,Ü,½,ìfCf" f^□[flfbfg fGfNfXfvf□□[f%o
,ì□Ý'è,ð•ì,½,½□é□¶,í□ARealAudio Player ,ðfCf"fxfg□[f<,μ¹/⁴, ,Æ-â-è,ðŠÈ'P,É%oðCE^ ,Ä,«,Ü,·□B,» ,è,Ä,â-
â-è,â%oðCE^ ,Ä,« ,É,ç□é□¶,í□A□ufCf" f^□[flfbfg fGfNfXfvf□□[f%o,É RealAudio ,ìí•ñ,ð'C
%oÄ,·,é,É,í□V,ðŽQ□Æ,μ,Ä,,¾,³,ç□B

"Ä-è,ìftfCfçg,Ü,½,ìfNfŠfbfv,¾, ,Ä,±,ì-â-è,â<N,« ,é□é□¶,í□ARealAudio ft□[fo□[,â³,μ,□Ý'è,³,è,Ä,ç,É,ç%oÄ" \
□« ,â, ,è,Ü,·□BRealAudio Player ,â³,μ,□Ý'è,³,è,Ä,ç,É,±,Æ,ðŠm,©,ß,é,É,í□AProgressive Networks ,ì Web
ftfCfçg,É, ,éfNfŠfbfv,ð□Ä□¶,μ,Ü,·□BWeb fAfhfçfX,ìŽÝ,ì,Æ, ,è,Ä,·□B

http://www.RealAudio.com

,±,ì,æ,π,É,éê±,íARealAudio Player ,ìÿ'è,í•í,ì,ÉA-â'è,â<N,«éftfCf,ìŠÇ—ŹÖ,É•ñ±,μ,Ä,,¾,¾,¾,¾

Ä±,Ä,«,Ü,¹,ñ - ftf@fCf,,fEfH[f<,ì-â'è

RealAudio ,Ä,íATCP ,ì“‘—,Éf|f 7070 ,žg,í,è,Ü,·B,Ü,½AUDP ,ì“‘—,É,í 6970 ,©,ç 7170 ,Ü,Ä,ìf|
f|f,žg,í,è,Ü,·Bftf@fCf,,fEfH[f<,ðEo—R,μ,Ä RealAudio ftf@fCf<,ÉfAfNfZfX,·,éê±,íARealAudio
Player ,ìÿ'è,ð•í,·,é•K—v,ª, ,è,Ü,·B±Ú×,É,Ä,ç,Ä,íAftf@fCf,,fEfH[f<,ìŠÇ—ŹÖ,É,“-â,ç±,í,¹,-
¾,¾,¾,¾,¾,¾,¾,¾,½AProgressive Networks ,ìftf@fCf,,fEfH[f<,ÉŠÖ,·,é Web fy[fW,àŽQ±E,μ,Ä,-
¾,¾,¾,¾,¾BfAfhfCEfX,ÍŽÿ,ì,Æ,“ ,è,Ä,·B

http://www.realaudio.com/firewall.html

Ä±,Ä,«,Ü,¹,ñ - TIA (The Internet Adapter) ,ì-â'è

TIA ,íAfcf“f^±[f|fbfg,Éí,μ,Ä<[Ž— slip fAfNfZfX,ðs,π,½,ß,ìfvfOf%œ,Ä,·Bf,fff€
,Äfcf“f^±[f|fbfg,ÉÚ±,μ,Ä,ç,éê±,ÉARealAudio ,äÄ±,Ä,«,È,ç,Æ,«,íA%Ä“ü,μ,Ä,ç,éCf“f^±[f|fbfg
fT[f|fX fv±fofCf_ ,äEÄ,çfo±fWf±“ ,ì TIA ,žg,Ä,Ä,ç,é%Ä“\±,ª, ,è,Ü,·BCEÄ,çfo±fWf±“ ,ì TIA
,žg,Ä,Ä,ç,éê±,íAfcf“f^±[f|fbfg,ìEä,ÉAÄ±,ä±,í,è,É,ç,Æ,ç,æ»±Ü,ª“±,μ,Ü,·BTIA
fx±f^“ÄfŠfŠ±[fX 2.1 ,í RealAudio Player ,É'í%ž,μ,Ä,ç,Ü,·B
,±,ì,æ,π,É-â'è,ª“±,·,éê±,íATIA fx±f^“ÄfŠfŠ±[fX 2.1 ,Ö,ìfAfbfvfOfCE±[fh,É,Ä,ç,ÄAfcf“f^±[f|fbfg
fT[f|fX fv±fofCf_ ,É,“-â,ç±,í,¹,¾,¾,¾,¾

fCf“f^±[f|fbfg fGfNfXfv±fof%œ,É RealAudio ,ìí•ñ,ð'Ç%Ä,·,é,É,í

- 1 fCf“f^±[f|fbfg fGfNfXfv±fof%œ,Ä [•\ž] f±fj...±[ì [f|fvfVf±“] ,ðfNfŠfbfN,μ,Ü,·B
- 2 [fv±fof%œ] f^fu,ðfNfŠfbfN,μA[ftf@fCf< f^fCfv] ,ðfNfŠfbfN,μ,Ü,·BŽÿ,ÉA[‘Ç%Ä] ,ðfNfŠfbfN,μ,Ü,·B
- 3 Še±€-Ü,ÉŽÿ,ì,æ,π,É“ü—í,μ,Ü,·B

[f^fCfv,ì±¾] f{fbfNfX	RealAudio
[ŠÖ~A•t, ,ç,è,½Šg'£Žq] f{fbfNfX	.RA ,Ü,½,í .RAM
[“à—e,ìŽí—p (MIME)] f{fbfNfX	audio/x-pn-realaudio

- 4 [‘Ç%Ä] ,ðfNfŠfbfN,μ,Ü,·B
[±,μ,çfAfNfVf±“] f_fCfAf±fo f{fbfNfX,ª•ž,ª,è,Ü,·B
- 5 Še±€-Ü,ÉŽÿ,ì,æ,π,É“ü—í,μA[OK] ,ðfNfŠfbfN,μ,Ü,·B
[fAfNfVf±“] f{fbfNfX open
[fAfNfVf±“ ,žžÀ±,·,éfAvfŠfP±f
Vf±“] f{fbfNfX <fpfX-¾>\RAPLAYER.EXE
- 6 [fAfCfRf“ ,ì±X] ,ðfNfŠfbfN,μA“K±,ÉfAfCfRf“ ,ðfNfŠfbfN,μ,Ü,·BŽÿ,ÉA[OK] ,ðfNfŠfbfN,μ,Ü,·B
- 7 [±—¹] ,ðfNfŠfbfN,μ,Ä [±,μ,çftf@fCf< f^fCfv,ì'Ç%Ä] f_fCfAf±fo f{fbfNfX,ð•Ä,±A[•Ä,±,é]
,ðfNfŠfbfN,μ,Ä [f|fvfVf±“] f_fCfAf±fo f{fbfNfX,ð•Ä,±,Ü,·B

“à—e,ìŽí—p (MIME)

fCf“f^±[f|fbfg fGfNfXfv±fof%œ,Ä,íA“à—e,ìŽí—p,ª,Æ,É±,π^—,ðÿ'è,μ,Ü,·BŽÀ±,ª,è,é^—
±,ð•í,ì,é,É,íAŽÿ,ìžè±,É±,Ä,Ä'€±,μ,Ä,,¾,¾,¾,¾

- 1 fCf“f^±[f|fbfg fGfNfXfv±fof%œ,Ä [•\ž] f±fj...±[ì [f|fvfVf±“] ,ðfNfŠfbfN,μ,Ü,·B
[f|fvfVf±“] f_fCfAf±fo f{fbfNfX,ª•ž,ª,è,Ü,·B
- 2 [fv±fof%œ] f^fu,ðfNfŠfbfN,μA[ftf@fCf< f^fCfv] ,ðfNfŠfbfN,μ,Ü,·BŽÿ,ÉA[“o~^ ,ª,è,Ä,ç,éftf@fCf<
f^fCfv] f{fbfNfX,ì^è—,Ä•íX,·,éftf@fCf< f^fCfv,ðfNfŠfbfN,μ,Ü,·B
- 3 [•ÖW] ,ðfNfŠfbfN,μA•K—v,É%ž,±,Ä“à—e,ð•íX,μ,Ü,·B

fqf“f9

- RealAudio ftf@fCf<,l“à—e,lŽí—P,í audio/x-pn-realaudio ,Å,·□B□Ú□×,É,Â,ç,Ä,í□A□ufCf“f^□[flfbfg
fGfNfXfvf□□[f%o,É RealAudio ,l□î•ñ,ð'Ç%oÅ,.;é,É,l□v,ðŽQ□Æ,μ,Ä,,³/₄,³,ç□B

ŠÖ~A□€-Ú

- _____,l,ŋ,ß,É
- _____fXfe□[f^fXfo□[.l□fbfZ□[fW
- _____[ftf@fCf<] f□fjf...□[
- _____[•Ž;!] f□fjf...□[
- _____[fNfŠfbfv] f□fjf...□[
- _____[fTfCfç] f□fjf...□[

