



f,fff<,Q,,ñ@fwf<fv

-ÚŽÝ

fc[] [f<fo[]



fAf<fof€ftf@fCf<,ð•ÛŠç,·,é



Play



» Next



■ Stop

→ P_E%%

PÈ È • Ô U%

→ → ‘S-E%o%o’t

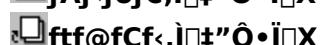
'SÈ È •Ô U%

? fVffffhftf<%>%>%t

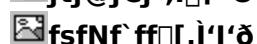
'SfAf<foff€%oo%oo'tf □[fh



fAf<foff> l'C%>Á



ftf@fCf<.jUíUœ



 fsfNf` ff□T, J•ž!□^"ñ•ž! fAfvfŠfP□[fVf+f“-]□|—¹^:^

-3-1/4

- 3 -

3-8

,ä,ç,í,á,ñftfHÍÍf%o,é,x,t,h

Copyright

ftf@fCf<,ì‰‰‰'t

[ftf@fCf<]f□fjf...□[,ì[ŠJ,],ðfNfŠfbfN,·,é,©□A,Ü,½,ífc□[f<fo□[,ì[ŠJ,]

,ðfNfŠfbfN, .,é,Æ[]Af_fCfAf[]fO, ªŠJ, «,Ü,·[]B

ftf@fCf<,jŽí—þ,ð'l'ð,·,é,Æ[]AfffBfŒfNfgfŠ,É, ,é,»;jŠg'£žq,jftf@fCf<,¤•\

Ž|,³,ê,Ü,·,ì,ÅÅAf}fEfX,Å'í'ð,µ,ÅOk,ðfNfSfb

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‰o't,μ,½,¢<È,ðf}fEfX,À'l'ð,μ,Ä[Afc]f<fo[],ìPlay,ðfNfŠfbfN,·,é,Æ%

For more information about the study, please contact Dr. Michael J. Hwang at (319) 356-4000 or email at mhwang@uiowa.edu.

%oo%o‘tftf@fCf<,É,Â,¢,Ä
f,fff<,Q,,ñ,¤,Ü,ì,Æ,±,ëfTf|[]fg,µ,Ä,¢,éftf@fCf<,Å,·[]B

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YuKaNa fAf<fof€ftf@fCf<

YuKaNa,Æ,Í[]A,±,ìfTfg,ìZÝfo[]fgf“fWf#f“,Å,·(í)[]B<@”\C%ooÅ,µ,Ä,¢,,¤,¿,É,È,ñ,¾,©-ó,í,©,ç,È,-,È,Å,Ä,µ,Ü,¢,Ü,µ,Ä[]c, ,Æ,f,rfŠfZfbfg,â,é,É,í'afŒfxf<,ì,ì,h,c,hfT[]frfX,ð’@,©,È,¢,Æ,¢, ,È,¢,Ý,½,¢,Å[]A,b[]{,Å[]ì, è,È, ,»¤,ÆŽv,Å,Å,¢,½, è,µ,Ü,(^_^); ,ä,¢,¿,á,ñ,¤“K”-,É,Å,Å,½ftfH[]f}fbfg,Å,(^_^); ,±,ìfAfvfS,ÍYuKaNa fAf<fof€ftf@fCf<,í“ç,Ý[]’,«,ðfTf|[]fg,µ,Ä,¢,Ü,·[]B,»¤,¾[]B

EUP-PLAYER fAf<fof€ftf@fCf<

TownsfVfXfef€fVftfgfEfFfA“Y•t,íEUP-PLAYER,â[]AftfŠ[]fgfEfFfA,íSUPER EUP-PLAYER(fWf... fjfAŽ[]ì),Å~A’±%oo%o‘t,·,é,½,ß,É[]ì,ç,ê,éftf@fCf<,Å,·[]BŠg’£Žq,í*.eul[]B

MIDI{fbfNfx f`fFfCf“ftf@fCf<

f^fEf“fY,Å,íWindows3.1,É“Y•t, ,é,Ä,¢,éMIDIfvfŒ[]f, ,Å,·[]BCopyright,íf~f...[]fWf]f<fvf %oo“,¾,Å,½,æ[],È[]B[],<@”\,Å,í, ,é,ÆŽv,¤,ñ,¾, ,Ç[]A,Ç[][],à[]ô—û, ,é,Ä,È,¢[]cŽg,¢,É,,¢ ,æ[],È[]c,¤[],ñ[]B ,Ü,Ý,±,ê,ð[],Å,½,»¤,à,ì“®<@,í,±,ê,Å,(^_^); MIDI{fbfNfx,ÅfTf|[]fg, ,é,ì,¤,±,ìf`fFfCf“ftf@fCf<[]B

GSPLAY BGMftf@fCf<

,s, ,—,Ž, ,n, r[]ä,Å“®[]ì, ·,é, f, r, o, k, ` ,x, Æ, g, d, —, %oo, Ž(<¤, ÉTaroPYONŽ[]ì), ÅfTf|[]fg, ,é, Ä, ¢ ,éftf@fCf<[]c,¾,æ, È(^_^); Žc“O,È,¤,ç,±,ì, Q, Å, í, q, r[]], l, h, c, h, ðfTf|[]fg, µ, Ä, È, ¢, µ(T_T), µ, ©, à[]A, ¤, ¿, íŠÅ<¤, Å, í, ©, ÈŠ, ðŠO, ,Å, ¢ ,Æ—§, ,ç, ,ç, È, ¢, ,Å, µ, ½(fŠfAf<[]f,fŠ•s’<“^_^”); ,Æ, ¢, ¤, ,í, ,Å[]AŽg,Å,½,±,Æ, ,Ü, è, È, ¢, ,Å“®,, ©, ¢, ¤, ,© Ž©[]M, ,è, Ü, ,ñ[]B

f}fCfNf[]fVftfg fEfF[]fuftfH[]f€

,¢, ,í, ,Æ’m, ê, ½, v, ` ,uftf@fCf<,ì,±,Æ,Å,·[]B, ,Ü, èfefXfg, µ, Ä, Ü, ,ñ, ,ç^é%oož-Å, é, Ý, ½, ¢, Å, ,È[]B

TOWNS PCM%oo¹¤ftf@fCf<

,s, ,—,Ž, ,n, r, Å, í•W•€ftfH[]f}fbfg[]BŠg’£Žq, í.snd[]B WAV, ,¤, Å, ,ç, PCMSÖŒW, ífnf“fO, é, ©, à, µ, ê, Ü, ,ñ(^_^);

%oo%o‘**tf**,**[fh**

,**P<È%**oo%o‘**t**
,P<È,ì,Ý%oo%o‘t,μ,Ü,·**B**

‘**S<È%**oo%o‘**t**

,P,À,lfAf<fof€,ì’†,ì,·,x,Ä,ì’È,ð%oo%o‘t,μ,Ü,·**B**u’SfAf<fof€%oo%o‘**tf**,**[fh**v,É,È,Á,Ä,¢,é,Æ,«,íAZY,lfAf<fof€,É^Ú,Á,Ä%oo%o‘t,ð’±,~,Ü,·**B**

,**P<È,,è•Ô,μ%**oo%o‘**t**

,P<È,ð,,è•Ô,μ%oo%o‘t,μ,Ü,·**B**,»[],ä[],±,Æ,Å,·^~;

‘**S<È,,è•Ô,μ%**oo%o‘**t**

,P,À,lfAf<fof€,ì’†,ì,·,x,Ä<È,ð,,è•Ô,μ%oo%o‘t,μ,Ü,·**B**u’SfAf<fof€%oo%o‘**tf**,**[fh**v,É,È,Á,Ä,¢,é,Æ,«,íAZY,lfAf<fof€,É^Ú,Á,Ä%oo%o‘t,ð’±,~AÅŒä,Ü,Å,¢,«,Å,,ÆÅŒ‰,É-ß,è,Ü,·**B**Å<,Å,·(“ä)

fVfffbf**ftf<%o%o‘t**

,P,À,lfAf<fof€,ì’†,©,çf%of“f_f€,É%oo%o‘t,μ,Ü,·**B**•i”,lfAf<fof€,ð’îÛ,É,·,é,±,Æ,íA,U,^¾,Å,«,Ä,U,^¹,ñ(^_^);

‘**SfAf<fof€%**oo%o‘**tf**,**[fh**

,±,lf{f^f“,ð‰Y,μ,Ä,~,ÆAåä<L,ì,æ,¤,È<@”\,¤y,μ,ß,Ü,·**B**,n,m^,n,e,e,ì,«,è,©,ì,Å,·**B**

fsfNf`ff[],ì•\ž;[]^”ñ•\ž;

,±,lf{f^f“,ð‰Y,μ,Ä,~,ÆAfsfNf`ff[],ð•\ž,μ,Ü,^¹,ñB,±,ê,Å•\ž[]^”ñ•\ž,ðØ,è’Ö,ì,Ü,·**B**

fAf<fof€, ï•Ò□W

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, Ü, ½MIDIftf@fCf<, ï□í□œ, AE□‡”Ô•ï□X, ðfc□[f<fo□[. ÄfTf|□[fg, µ, Ä, ç, Ü, ·□B
‰‰‰'tŽž, É•\Ž|., éfsfNf` ff□[. ï□Y'è, à, Ä, «, Ü, ·□B

fAf<fof€, ï'Ç‰oÅ

fc□[f<fo□[. , é, ç, ífvf<f_fEf“f□ffj...□[. ïfAf<fof€, ï'Ç‰oÅ, ðfNfŠfbfN, ·, é, AE□A“ü—
í□s, Ä, «, íf_fCfAf□fO, ª, Ä, Ä, «, Ü, ., ï, Ä□A□V, µ, çfAf<fof€, ï-¼'Ô, ð“ü—í, µ, Ä, , ¾, ³, ç□B
□V, µ, çfAf<fof€, í•K, , fŠfXfg, ï^ê”Ô□ÅŒä, É'Ç‰oÅ, ³, ê, Ü, ·□B

fAf<fof€, ï□‡”Ô•ï□X

fAf<fof€, ï□‡”Ô, ð•ï□X, µ, Ü, ·□Bfc□[f<fo□[. ïfAf<fof€□‡”Ô•ï□X, ðfNfŠfbfN, ·, é, AE□AŒ»□Y'I'ð, ³, ê, Ä, ç
, éfAf<fof€, ªfŠfXfg, ï, P, Ä□ä, É^Ù“® , µ, Ü, ·□B, ±, ê, Ä”C^Ó, ï□‡”Ô, É•Ä, Ñ, ©, |, é, ±, AE, ª, Ä, «, Ü, ·□B

fAf<fof€, ï□í□œ

fAf<fof€, ð□í□œ, µ, Ü, ·□B•K, , fŠfXfg, ï^ê”Ô□ÅŒä, ï□€-Ú, ²□í□œ, ³, ê, é, ±, AE, É<C, ð, Ä, , ¾, ³, ç(^ê
‰‰žSm”F, ïf_fCfAf□fO, ª, Ä, Ü, .)

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MIDIftf@fCf<, ð□í□œ, µ, Ü, ·□B, ±, ê, àfŠfXfg, ï^ê”Ô□ÅŒä, ï□€-Ú, ²□í□œ, ³, ê, Ü, ·□B

%‰‰'tftf@fCf<, ï□‡”Ô•ï□X

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fsfNf` ff□[. ï□Y'è

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fAf<fof€, ï•ÛŠÇ

•Ô□W, ª, ·, ñ, ¾, ç□AfcAf<fof€, ð•ÛŠÇ, µ, Ä, „, «, Ü, µ, å, x□Bfc□[f<fo□[. îftf□fbfsfB, îfAfCfRf“, ©□A, , é, ç
, í[•Ô□W]f□ffj...□[fо□[. ðfNfŠfbfN, µ, Ä, , ¾, ³, ç□B
Œ»□YfTf|□[fg, µ, Ä, éftfH□[f}fbfg, îflfŠfWfif<, îYuKaNaftf@fCf<, ï, Ä, ·(^ _ ^);

ŠÅ««ÙÝ'è

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ftf@fCf<,¡ží—þ,»,ê,½,ê,É‰‰úfffBfŒfNfgfŠ,ðÙÝ'è,Å,«,Ü,·ÙBftf·fpfX,ð“ü—í,µ,Ä,-
,³/⁴,³,çÙBÙÝ'è,µ,Ä,“,ÆA[ŠJ,],Å,»,ÙfffBfŒfNfgfŠ,ðÙÅ‰‰,ÉŽQÙÆ,µ,Ü,·ÙB

[ŠJ,],ÅÙÅ‰‰,É•\ž!,³,ê,éftf@fCf<,¡ží—þ,ðÙÝ'è,Å,«,Ü,·ÙB
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e,ð•Ùšç,µ,Ü,·ÙB

fsfNf`ffÙ[,¡ŠÅ««ÙÝ'è

frfbfgf}fbfv,ðfffftfHf·fg,Å“ç,Ý,É,ç,fffBfŒfNfgfŠ,ðÙÝ'è,µ,Ä,“,ÆA,È,É,©,ÆŠy,Å,·ÙBfÙfj...
Ù[,ì[flfvfVf]`]-[fsfNf`ffÙ[,¡ŠÅ««ÙÝ'è],ÅÙAfsfbfgf}fbfu,ì,½,,³,ñ, ,éfffBfŒfNfgfŠ,ð<³,¡,Ä, ,°,Ä,ÆÙB

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,Ö,¾,ñ,ífAfCfRf“%o»,μ,Ä‰‰æ-Ê,ì•Ð<÷,É,Å,à'u,¢,Å,“,æ,ë,μ,¢,ì,Å,í,È,¢,©,ÆŽv,¢
,Ü,·BfAfCfRf“,ðfNfŠfbfN,·,é,Æ Af fjf...[],¤,Å,Å,«,Ü,·Bplay/stop,â‰‰’tf,[]fh,íf fjf...
[],©,ç Ÿ'è,Å,«,Ü,·B

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•i[],ìftfH[]f}fbfg,ì^U,È,éftf@fCf<,ðfhf fbfv,Å,«,Ü,·B,·x,Ä,ìftf@fCf<,í[]A]uftf@fCf<,ðSJ,-
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ESOCSC1.VBX

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1993/09/19 Version 0.02fjÀ

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í,A,«,è,ç,Ä,ä,ç,íWindowsfAfvfSfPí[Vf+f"Š]-
Å"ê"ÖžŠÓ,©,©,Ä,Ä,é,í,íAfCfRf",í[í]—,©,à,µ,ñ,È,ç,É,µ,ñ,È,É<žè,Ä,·(í)
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í,-,ÅuŒ³'cÍf,fff<,Q,,ñv,æ,ë,µ,(í)fjf@fCf,fjí[fWff,ÅŠÓ~A•t,-,Å,à,µ,Äg,Å,ä,Å,Ä,-
¾,³,¢B[B]B
fwf:fv,Ä•\ž!,³,ê,éfAfCfRf",í,È,Ü,è,ñí,íu,ä,çfRf"v,đŽg,í,¹,Ä,à,ç,ç,Ü,µ,½B,C,à,Ä,·]B(93/08)

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‰¹Œ¹,í‰‰Šú‰»,È,ñ,¾,-,çÅA,l,b,h,Ä,íGfNfXfNf<í[fVufbfZí[fW,í"—,ê,»,¤,É,È,ç
,µc'áfŒfx<,l,h,c,hftí[frfx,đ'¼Ú,ç,¶,ç,È,ç,Æ,¢,í,È,ç,Ý,½,ç,Ä,·]B
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,È,ñ,¿,Ä]B(93/09)

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SNDftf@fCf,í‰‰‰'t,È,Ä,ç,Ä,íAFM,s,n,v,m,r,íWindows3.1,É"Y•t,íSNDfhf‰fCfo,ª•K—v,Ä,·]B
fí[fgŽw'è,ífRf"fgfí[f<fpfj<í[fhf‰fCfo],í[MCIEUPÝ'è],Åí[s,Ä,Ä,¾,³,¢BRS-
MIDI,í•û,íMIDI}fbfpí[,đŽw'è,µ,È,ç,Æ‰¹,ä,Ä,Ü,¹,ñ(,½,Ô,ñ)
fAf<fof€ftf@fCf,í‰‰Šú‰»fZfNfVftf",íftfí[fg,µ,Ä,ç,Ü,¹,ñEÅ,Ä,Ü,è‰¹Œ¹‰‰Šú‰»,í,µ,Ä,È,ç
,í,Ä‰‰‰'t,º,©,µ,ç,Æ,«,ä, ,è,Ü,·]B

Copyright

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Microsoft Windows 3.1 “ú-{Œê”Å

Microsoft Visual Basic 2.0 “ú-{Œê}”

Microsoft Visual Control Pack

Microsoft Windows Software Development Kit 3.1

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CMDIALOG.VBX|AMCI.VBX|ATHREED.VBX,Í,±,ÍfAfvfSfp|[fvf+f",ð"®Í,³,¹,é-
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