

*~	01_1.04\tuesday-example.pd	#X obj 173 275 *~ 0.1;
dac~	01_1.04\tuesday-example.pd	#X obj 174 328 dac~;
print~	01_1.04\tuesday-example.pd	#X obj 80 414 print~;
bng	01_1.04\tuesday-example.pd	#X obj 81 374 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
+~	01_1.04\tuesday-example.pd	#X obj 176 175 +~ 440;
osc~	01_1.04\tuesday-example.pd	#X obj 175 234 osc~;
osc~	01_1.04\tuesday-example.pd	#X obj 176 116 osc~ 3;
*~	01_1.04\tuesday-example.pd	#X obj 176 146 *~ 30;
print	02_1.06\1.objectstoday.pd	#X obj 319 299 print;
tabwrite~	02_1.06\1.objectstoday.pd	#X obj 319 334 tabwrite~;
clip~	02_1.06\1.objectstoday.pd	#X obj 318 364 clip~;
osc~	02_1.06\1.objectstoday.pd	#X obj 31 83 osc~;
*~	02_1.06\1.objectstoday.pd	#X obj 29 151 *~;
dac~	02_1.06\1.objectstoday.pd	#X obj 31 192 dac~;
print~	02_1.06\1.objectstoday.pd	#X obj 31 227 print~;
+~	02_1.06\1.objectstoday.pd	#X obj 25 117 +~;
bng	02_1.06\1.objectstoday.pd	#X obj 34 263 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
osc~	02_1.06\2.array.pd	#X obj 124 104 osc~ 440;
*~	02_1.06\2.array.pd	#X obj 124 131 *~ 0.1;
dac~	02_1.06\2.array.pd	#X obj 67 264 dac~;
print~	02_1.06\2.array.pd	#X obj 131 265 print~;
bng	02_1.06\2.array.pd	#X obj 130 236 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
bng	02_1.06\2.array.pd	#X obj 216 228 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
tabwrite~	02_1.06\2.array.pd	#X obj 218 268 tabwrite~ array2;
osc~	02_1.06\3.signalrange.pd	#X obj 132 88 osc~ 440;
dac~	02_1.06\3.signalrange.pd	#X obj 96 271 dac~;
bng	02_1.06\3.signalrange.pd	#X obj 217 226 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
osc~	02_1.06\3.signalrange.pd	#X obj 22 88 osc~ 550;
clip~	02_1.06\3.signalrange.pd	#X obj 109 160 clip~ -1 1;
osc~	02_1.06\3.signalrange.pd	#X obj 230 87 osc~;
osc~	02_1.06\3.signalrange.pd	#X obj 288 89 osc~;
*~	02_1.06\3.signalrange.pd	#X obj 97 235 *~ 0.1;
tabwrite~	02_1.06\3.signalrange.pd	#X obj 218 256 tabwrite~ array3;
dac~	02_1.06\4.ampfrequency.pd	#X obj 159 273 dac~;
bng	02_1.06\4.ampfrequency.pd	#X obj 233 245 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144

+~	02_1.06\4.ampfrequency.pd	#X obj 155 225 +~;
osc~	02_1.06\4.ampfrequency.pd	#X obj 102 104 osc~;
clip~	02_1.06\4.ampfrequency.pd	#X obj 119 183 clip~ -1 1;
*~	02_1.06\4.ampfrequency.pd	#X obj 103 138 *~;
print	02_1.06\4.ampfrequency.pd	#X obj 175 99 print;
bng	02_1.06\4.ampfrequency.pd	#X obj 65 244 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
print~	02_1.06\4.ampfrequency.pd	#X obj 57 280 print~;
tabwrite~	02_1.06\4.ampfrequency.pd	#X obj 234 271 tabwrite~ array4;
dac~	02_1.06\5.moreampfreq.pd	#X obj 161 401 dac~;
bng	02_1.06\5.moreampfreq.pd	#X obj 257 355 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
+~	02_1.06\5.moreampfreq.pd	#X obj 157 353 +~;
osc~	02_1.06\5.moreampfreq.pd	#X obj 43 107 osc~;
clip~	02_1.06\5.moreampfreq.pd	#X obj 151 324 clip~ -1 1;
*~	02_1.06\5.moreampfreq.pd	#X obj 44 152 *~;
bng	02_1.06\5.moreampfreq.pd	#X obj 73 371 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
print~	02_1.06\5.moreampfreq.pd	#X obj 69 406 print~;
osc~	02_1.06\5.moreampfreq.pd	#X obj 107 163 osc~;
*~	02_1.06\5.moreampfreq.pd	#X obj 50 196 *~;
osc~	02_1.06\5.moreampfreq.pd	#X obj 273 108 osc~;
*~	02_1.06\5.moreampfreq.pd	#X obj 274 137 *~;
*~	02_1.06\5.moreampfreq.pd	#X obj 286 230 *~;
osc~	02_1.06\5.moreampfreq.pd	#X obj 282 200 osc~;
+~	02_1.06\5.moreampfreq.pd	#X obj 281 166 +~;
tabwrite~	02_1.06\5.moreampfreq.pd	#X obj 237 399 tabwrite~ array5;
line~	03_1.11\1.new.objects.pd	#X obj 51 116 line~;
delay	03_1.11\1.new.objects.pd	#X obj 52 60 delay;
metro	03_1.11\1.new.objects.pd	#X obj 51 89 metro;
dac~	03_1.11\3.phase.pd	#X obj 71 231 dac~;
*~	03_1.11\3.phase.pd	#X obj 84 103 *~;
bng	03_1.11\3.phase.pd	#X obj 160 153 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
*~	03_1.11\3.phase.pd	#X obj 21 195 *~ 0.01;
clip~	03_1.11\3.phase.pd	#X obj 22 170 clip~ -10 10;
tabwrite~	03_1.11\3.phase.pd	#X obj 114 236 tabwrite~ seeme;
osc~	03_1.11\3.phase.pd	#X obj 162 101 osc~;
osc~	03_1.11\3.phase.pd	#X obj 83 73 osc~;
dac~	03_1.11\3.phase.pd	#X obj 38 206 dac~;

bng	03_1.11\3.phase.pd	#X obj 199 31 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
osc~	03_1.11\3.phase.pd	#X obj 83 73 osc~;
osc~	03_1.11\3.phase.pd	#X obj 149 80 osc~;
*~	03_1.11\3.phase.pd	#X obj 81 99 *~;
tabwrite~	03_1.11\3.phase.pd	#X obj 114 236 tabwrite~ seeme2;
bng	03_1.11\3.phase.pd	#X obj 238 81 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
delay	03_1.11\3.phase.pd	#X obj 200 54 delay 2000;
clip~	03_1.11\3.phase.pd	#X obj 38 153 clip~ -2 2;
*~	03_1.11\3.phase.pd	#X obj 37 178 *~ 0.05;
dac~	03_1.11\4.dumb.sequence.pd	#X obj 103 354 dac~;
*~	03_1.11\4.dumb.sequence.pd	#X obj 104 326 *~ 0.01;
clip~	03_1.11\4.dumb.sequence.pd	#X obj 105 301 clip~ -10 10;
osc~	03_1.11\4.dumb.sequence.pd	#X obj 106 254 osc~;
*~	03_1.11\4.dumb.sequence.pd	#X obj 104 279 *~ 5;
delay	03_1.11\4.dumb.sequence.pd	#X obj 219 50 delay 150;
delay	03_1.11\4.dumb.sequence.pd	#X obj 220 73 delay 150;
delay	03_1.11\4.dumb.sequence.pd	#X obj 218 96 delay 150;
delay	03_1.11\4.dumb.sequence.pd	#X obj 217 121 delay 150;
delay	03_1.11\4.dumb.sequence.pd	#X obj 216 146 delay 150;
delay	03_1.11\4.dumb.sequence.pd	#X obj 40 92 delay 150;
bng	03_1.11\4.dumb.sequence.pd	#X obj 40 66 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
bng	03_1.11\4.dumb.sequence.pd	#X obj 314 69 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
bng	03_1.11\4.dumb.sequence.pd	#X obj 313 93 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
bng	03_1.11\4.dumb.sequence.pd	#X obj 312 118 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
bng	03_1.11\4.dumb.sequence.pd	#X obj 310 142 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
bng	03_1.11\4.dumb.sequence.pd	#X obj 309 172 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
bng	03_1.11\4.dumb.sequence.pd	#X obj 58 117 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
dac~	03_1.11\6.line.pd	#X obj 61 344 dac~;
osc~	03_1.11\6.line.pd	#X obj 59 250 osc~;
clip~	03_1.11\6.line.pd	#X obj 58 286 clip~ -2 2;
*~	03_1.11\6.line.pd	#X obj 57 311 *~ 0.05;
metro	03_1.11\6.line.pd	#X obj 64 155 metro 100;
metro	03_1.11\6.line.pd	#X obj 167 156 metro 161.8;
dac~	03_1.11\6.line.pd	#X obj 15 295 dac~;
*~	03_1.11\6.line.pd	#X obj 20 160 *~;
tabwrite~	03_1.11\6.line.pd	#X obj 108 303 tabwrite~ seeme2;
line~	03_1.11\6.line.pd	#X obj 80 166 line~;

delay	03_1.11\6.line.pd	#X obj 191 88 delay 400;
bng	03_1.11\6.line.pd	#X obj 191 49 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
osc~	03_1.11\6.line.pd	#X obj 20 134 osc~ 440;
clip~	03_1.11\6.line.pd	#X obj 16 237 clip~ -2 2;
bng	03_1.11\6.line.pd	#X obj 277 66 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
delay	03_1.11\6.line.pd	#X obj 278 91 delay 400;
*~	03_1.11\6.line.pd	#X obj 15 262 *~ 0.05;
osc~	04_1.13\2.fmgain.pd	#X obj 40 152 osc~;
*~	04_1.13\2.fmgain.pd	#X obj 41 255 *~;
tabwrite~	04_1.13\2.fmgain.pd	#X obj 227 325 tabwrite~ x1-13;
dac~	04_1.13\2.fmgain.pd	#X obj 41 315 dac~;
*~	04_1.13\2.fmgain.pd	#X obj 41 283 *~ 0.1;
bng	04_1.13\2.fmgain.pd	#X obj 227 128 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
delay	04_1.13\2.fmgain.pd	#X obj 235 159 delay 100;
bng	04_1.13\2.fmgain.pd	#X obj 233 294 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
line~	04_1.13\2.fmgain.pd	#X obj 95 243 line~;
line~	04_1.13\2.fmgain.pd	#X obj 41 125 line~;
delay	04_1.13\2.fmgain.pd	#X obj 241 186 delay 500;
osc~	04_1.13\2.fmgain.pd	#X obj 38 193 osc~;
*~	04_1.13\2.fmgain.pd	#X obj 38 301 *~;
dac~	04_1.13\2.fmgain.pd	#X obj 33 368 dac~;
*~	04_1.13\2.fmgain.pd	#X obj 38 329 *~ 0.1;
bng	04_1.13\2.fmgain.pd	#X obj 247 349 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
line~	04_1.13\2.fmgain.pd	#X obj 158 274 line~;
+~	04_1.13\2.fmgain.pd	#X obj 37 165 +~ 440;
*~	04_1.13\2.fmgain.pd	#X obj 37 134 *~;
line~	04_1.13\2.fmgain.pd	#X obj 200 134 line~;
osc~	04_1.13\2.fmgain.pd	#X obj 36 100 osc~;
tabwrite~	04_1.13\2.fmgain.pd	#X obj 248 384 tabwrite~ x1-13b;
phasor~	05_1.18\1.new-objects.pd	#X obj 88 96 phasor~;
cos~	05_1.18\1.new-objects.pd	#X obj 88 129 cos~;
mtof	05_1.18\1.new-objects.pd	#X obj 89 180 mtof;
ftom	05_1.18\1.new-objects.pd	#X obj 89 209 ftom;
dbtorms	05_1.18\1.new-objects.pd	#X obj 89 239 dbtorms;
rmstodb	05_1.18\1.new-objects.pd	#X obj 90 267 rmstodb;
tabread~	05_1.18\1.new-objects.pd	#X obj 89 156 tabread~;

dac~	05_1.18\2.review-lines-and-delay.pd	#X obj 118 309 dac~;
*~	05_1.18\2.review-lines-and-delay.pd	#X obj 116 279 *~;
osc~	05_1.18\2.review-lines-and-delay.pd	#X obj 114 253 osc~;
line~	05_1.18\2.review-lines-and-delay.pd	#X obj 156 280 line~;
line~	05_1.18\2.review-lines-and-delay.pd	#X obj 113 229 line~;
bng	05_1.18\2.review-lines-and-delay.pd	#X obj 50 68 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
del	05_1.18\2.review-lines-and-delay.pd	#X obj 102 93 del 500;
del	05_1.18\2.review-lines-and-delay.pd	#X obj 183 94 del 1000;
del	05_1.18\2.review-lines-and-delay.pd	#X obj 257 93 del 2000;
bng	05_1.18\2.review-lines-and-delay.pd	#X obj 110 123 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
bng	05_1.18\2.review-lines-and-delay.pd	#X obj 190 123 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
bng	05_1.18\2.review-lines-and-delay.pd	#X obj 257 123 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
del	05_1.18\2.review-lines-and-delay.pd	#X obj 336 94 del 3000;
del	05_1.18\2.review-lines-and-delay.pd	#X obj 421 92 del 3500;
bng	05_1.18\2.review-lines-and-delay.pd	#X obj 334 122 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
bng	05_1.18\2.review-lines-and-delay.pd	#X obj 418 128 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
dac~	05_1.18\3.tables.pd	#X obj 102 288 dac~;
*~	05_1.18\3.tables.pd	#X obj 101 259 *~;
line~	05_1.18\3.tables.pd	#X obj 157 268 line~;
phasor~	05_1.18\3.tables.pd	#X obj 98 139 phasor~;
tabread~	05_1.18\3.tables.pd	#X obj 98 189 tabread~ tab.1.18a;
osc~	05_1.18\3.tables.pd	#X obj 323 345 osc~;
bng	05_1.18\3.tables.pd	#X obj 324 263 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
tabwrite~	05_1.18\3.tables.pd	#X obj 268 379 tabwrite~ tab.1.18a;
*~	05_1.18\3.tables.pd	#X obj 98 164 *~ 1000;
/	05_1.18\3.tables.pd	#X obj 324 317 / 1000;
dac~	05_1.18\5.table-pitch.pd	#X obj 140 269 dac~;
*~	05_1.18\5.table-pitch.pd	#X obj 139 240 *~;
line~	05_1.18\5.table-pitch.pd	#X obj 207 231 line~;
line~	05_1.18\5.table-pitch.pd	#X obj 137 96 line~;
phasor~	05_1.18\5.table-pitch.pd	#X obj 136 120 phasor~;
tabread~	05_1.18\5.table-pitch.pd	#X obj 136 169 tabread~ tab.1.18a;
*~	05_1.18\5.table-pitch.pd	#X obj 136 145 *~ 1000;
*~	05_1.18\5.table-pitch.pd	#X obj 107 201 *~;
osc~	05_1.18\5.table-pitch.pd	#X obj 59 172 osc~ 440;
dac~	05_1.18\5.table-pitch.pd	#X obj 51 294 dac~;
*~	05_1.18\5.table-pitch.pd	#X obj 50 265 *~;

line~	05_1.18\5.table-pitch.pd	#X obj 148 300 line~;
line~	05_1.18\5.table-pitch.pd	#X obj 48 83 line~;
phasor~	05_1.18\5.table-pitch.pd	#X obj 49 112 phasor~;
bng	05_1.18\5.table-pitch.pd	#X obj 128 385 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
tabread~	05_1.18\5.table-pitch.pd	#X obj 50 202 tabread~ tab.1.18d;
tabwrite~	05_1.18\5.table-pitch.pd	#X obj 63 416 tabwrite~ tab.1.18d;
+~	05_1.18\5.table-pitch.pd	#X obj 50 174 +~;
*~	05_1.18\5.table-pitch.pd	#X obj 50 143 *~;
osc~	05_1.18\5.table-pitch.pd	#X obj 49 232 osc~;
dac~	06_1.20\1.new-objects.pd	#X obj 138 303 dac~;
*~	06_1.20\1.new-objects.pd	#X obj 137 274 *~;
line~	06_1.20\1.new-objects.pd	#X obj 254 342 line~;
osc~	06_1.20\1.new-objects.pd	#X obj 99 242 osc~;
mtof	06_1.20\1.new-objects.pd	#X obj 66 156 mtof;
osc~	06_1.20\1.new-objects.pd	#X obj 141 241 osc~;
osc~	06_1.20\1.new-objects.pd	#X obj 182 242 osc~;
mtof	06_1.20\1.new-objects.pd	#X obj 156 156 mtof;
mtof	06_1.20\1.new-objects.pd	#X obj 217 158 mtof;
+	06_1.20\1.new-objects.pd	#X obj 153 125 + 4;
+	06_1.20\1.new-objects.pd	#X obj 216 127 + 7;
ftom	06_1.20\1.new-objects.pd	#X obj 436 90 ftom;
mtof	06_1.20\1.new-objects.pd	#X obj 437 140 mtof;
dbtorms	06_1.20\1.new-objects.pd	#X obj 510 90 dbtorms;
rmstodb	06_1.20\1.new-objects.pd	#X obj 510 138 rmstodb;
dbtorms	06_1.20\1.new-objects.pd	#X obj 252 249 dbtorms;
pack	06_1.20\1.new-objects.pd	#X obj 34 51 pack;
unpack	06_1.20\1.new-objects.pd	#X obj 33 84 unpack;
send	06_1.20\1.new-objects.pd	#X obj 33 116 send;
trigger	06_1.20\1.new-objects.pd	#X obj 32 170 trigger;
receive	06_1.20\1.new-objects.pd	#X obj 33 143 receive;
s	06_1.20\1.new-objects.pd	#X obj 122 115 s;
r	06_1.20\1.new-objects.pd	#X obj 123 144 r;
t	06_1.20\1.new-objects.pd	#X obj 121 171 t;
dac~	06_1.20\2.table-pitch-again.pd	#X obj 24 337 dac~;
*~	06_1.20\2.table-pitch-again.pd	#X obj 23 308 *~;
line~	06_1.20\2.table-pitch-again.pd	#X obj 65 316 line~;
line~	06_1.20\2.table-pitch-again.pd	#X obj 23 120 line~;

phasor~	06_1.20\2.table-pitch-again.pd	#X obj 24 149 phasor~;
bng	06_1.20\2.table-pitch-again.pd	#X obj 270 454 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
+~	06_1.20\2.table-pitch-again.pd	#X obj 23 207 +~;
*~	06_1.20\2.table-pitch-again.pd	#X obj 23 178 *~;
osc~	06_1.20\2.table-pitch-again.pd	#X obj 22 266 osc~;
tabwrite~	06_1.20\2.table-pitch-again.pd	#X obj 234 479 tabwrite~ tab.1.20a;
tabread~	06_1.20\2.table-pitch-again.pd	#X obj 22 237 tabread~ tab.1.20a;
tabwrite	06_1.20\2.table-pitch-again.pd	#X obj 273 242 tabwrite tab.1.20a;
bng	06_1.20\2.table-pitch-again.pd	#X obj 341 125 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
send	06_1.20\2.table-pitch-again.pd	#X obj 232 406 send tab.1.20a;
send	06_1.20\3.send-receive-etc.pd	#X obj 354 253 send dog;
receive	06_1.20\3.send-receive-etc.pd	#X obj 361 308 receive dog;
pack	06_1.20\3.send-receive-etc.pd	#X obj 27 83 pack;
print	06_1.20\3.send-receive-etc.pd	#X obj 28 113 print;
print	06_1.20\3.send-receive-etc.pd	#X obj 46 305 print z;
pack	06_1.20\3.send-receive-etc.pd	#X obj 32 215 pack 0 4;
unpack	06_1.20\3.send-receive-etc.pd	#X obj 89 246 unpack 0 0;
tabwrite	06_1.20\3.send-receive-etc.pd	#X obj 30 335 tabwrite tab.1.20b;
dac~	06_1.20\4.table-pitch-again2.pd	#X obj 41 378 dac~;
*~	06_1.20\4.table-pitch-again2.pd	#X obj 40 349 *~;
line~	06_1.20\4.table-pitch-again2.pd	#X obj 58 321 line~;
line~	06_1.20\4.table-pitch-again2.pd	#X obj 41 32 line~;
phasor~	06_1.20\4.table-pitch-again2.pd	#X obj 42 61 phasor~;
+~	06_1.20\4.table-pitch-again2.pd	#X obj 41 119 +~;
*~	06_1.20\4.table-pitch-again2.pd	#X obj 41 90 *~;
osc~	06_1.20\4.table-pitch-again2.pd	#X obj 40 178 osc~;
tabread~	06_1.20\4.table-pitch-again2.pd	#X obj 40 149 tabread~ tab.1.20a;
tabwrite	06_1.20\4.table-pitch-again2.pd	#X obj 279 223 tabwrite tab.1.20a;
send	06_1.20\4.table-pitch-again2.pd	#X obj 422 406 send tab.1.20a;
dbtorms	06_1.20\4.table-pitch-again2.pd	#X obj 59 250 dbtorms;
pack	06_1.20\4.table-pitch-again2.pd	#X obj 58 296 pack 0 50;
pack	06_1.20\4.table-pitch-again2.pd	#X obj 156 102 pack 0 0;
*	06_1.20\4.table-pitch-again2.pd	#X obj 185 496 *;
trigger	06_1.20\4.table-pitch-again2.pd	#X obj 73 467 trigger float float;
mtof	06_1.20\4.table-pitch-again2.pd	#X obj 156 75 mtof;
mtof	06_1.20\4.table-pitch-again2.pd	#X obj 223 75 mtof;
mtof	06_1.20\4.table-pitch-again2.pd	#X obj 294 77 mtof;
mtof	06_1.20\4.table-pitch-again2.pd	#X obj 363 78 mtof;

mtof	06_1.20\4.table-pitch-again2.pd	#X obj 434 77 mtof;
pack	06_1.20\4.table-pitch-again2.pd	#X obj 223 103 pack 0 1;
pack	06_1.20\4.table-pitch-again2.pd	#X obj 294 104 pack 0 2;
pack	06_1.20\4.table-pitch-again2.pd	#X obj 363 105 pack 0 3;
pack	06_1.20\4.table-pitch-again2.pd	#X obj 433 105 pack 0 4;
tabwrite	06_1.20\4.table-pitch-again2.pd	#X obj 333 530 tabwrite tab.1.20a;
pack	06_1.20\4.table-pitch-again2.pd	#X obj 332 505 pack 550 0;
t	06_1.20\4.table-pitch-again2.pd	#X obj 332 458 t b f;
*	06_1.20\4.table-pitch-again2.pd	#X obj 27 476 *;
loadbang	07_1.25\1.new-objects.pd	#X obj 71 93 loadbang;
soundfiler	07_1.25\1.new-objects.pd	#X obj 70 132 soundfiler;
tabread4~	07_1.25\1.new-objects.pd	#X obj 70 172 tabread4~;
tgl	07_1.25\1.new-objects.pd	#X obj 68 265 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
mod	07_1.25\1.new-objects.pd	#X obj 69 204 mod;
float	07_1.25\1.new-objects.pd	#X obj 70 233 float;
tgl	07_1.25\3.sampling1.pd	#X obj 22 38 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0 -1
metro	07_1.25\3.sampling1.pd	#X obj 22 59 metro 200;
bng	07_1.25\3.sampling1.pd	#X obj 55 172 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
phasor~	07_1.25\3.sampling1.pd	#X obj 191 17 phasor~ 1;
*~	07_1.25\3.sampling1.pd	#X obj 192 45 *~ 5;
tabread~	07_1.25\3.sampling1.pd	#X obj 192 69 tabread~ t1.25a;
float	07_1.25\3.sampling1.pd	#X obj 21 137 float;
+	07_1.25\3.sampling1.pd	#X obj 91 139 + 1;
bng	07_1.25\3.sampling1.pd	#X obj 19 106 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
mod	07_1.25\3.sampling1.pd	#X obj 91 161 mod 5;
tabread	07_1.25\3.sampling1.pd	#X obj 20 194 tabread t1.25a;
mod	07_1.25\3.sampling1.pd	#X obj 98 57 mod 5;
soundfiler	07_1.25\3.sampling1.pd	#X obj 27 59 soundfiler;
loadbang	07_1.25\3.sampling1.pd	#X obj 27 14 loadbang;
dac~	07_1.25\3.sampling1.pd	#X obj 36 272 dac~;
line~	07_1.25\3.sampling1.pd	#X obj 37 201 line~;
*~	07_1.25\3.sampling1.pd	#X obj 36 250 *~ 0.1;
osc~	07_1.25\3.sampling1.pd	#X obj 340 252 osc~ 1000;
*~	07_1.25\3.sampling1.pd	#X obj 339 274 *~ 0.3;
tabwrite~	07_1.25\3.sampling1.pd	#X obj 341 294 tabwrite~ t1.25b;
bng	07_1.25\3.sampling1.pd	#X obj 316 295 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
tabread4~	07_1.25\3.sampling1.pd	#X obj 37 224 tabread4~ t1.25b;



dac~	07_1.25\3.sampling1.pd	#X obj 456 308 dac~;
line~	07_1.25\3.sampling1.pd	#X obj 456 239 line~;
tabread~	07_1.25\3.sampling1.pd	#X obj 456 262 tabread~ t1.25b;
*~	07_1.25\3.sampling1.pd	#X obj 455 286 *~ 0.1;
dac~	07_1.25\3.sampling1.pd	#X obj 188 272 dac~;
*~	07_1.25\3.sampling1.pd	#X obj 188 250 *~ 0.1;
tabread4~	07_1.25\3.sampling1.pd	#X obj 189 224 tabread4~ t1.25b;
phasor~	07_1.25\3.sampling1.pd	#X obj 196 153 phasor~;
*~	07_1.25\3.sampling1.pd	#X obj 196 175 *~;
+~	07_1.25\3.sampling1.pd	#X obj 196 197 +~;
*	07_1.25\3.sampling1.pd	#X obj 224 178 * 100;
*	07_1.25\3.sampling1.pd	#X obj 223 198 * 100;
soundfiler	08_1.27\1.new-objects.pd	#X obj 183 38 soundfiler;
send	08_1.27\1.new-objects.pd	#X obj 166 90 send t1.25b;
adc~	08_1.27\1.new-objects.pd	#X obj 28 46 adc~;
hip~	08_1.27\1.new-objects.pd	#X obj 27 79 hip~;
soundfiler	08_1.27\2.sampling2.pd	#X obj 469 422 soundfiler;
loadbang	08_1.27\2.sampling2.pd	#X obj 470 348 loadbang;
dac~	08_1.27\2.sampling2.pd	#X obj 27 437 dac~;
line~	08_1.27\2.sampling2.pd	#X obj 28 358 line~;
tabwrite~	08_1.27\2.sampling2.pd	#X obj 286 423 tabwrite~ t1.27a;
bng	08_1.27\2.sampling2.pd	#X obj 296 395 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
tabread4~	08_1.27\2.sampling2.pd	#X obj 28 381 tabread4~ t1.27a;
*~	08_1.27\2.sampling2.pd	#X obj 27 407 *~ 0.3;
hip~	08_1.27\2.sampling2.pd	#X obj 286 367 hip~ 3;
adc~	08_1.27\2.sampling2.pd	#X obj 286 340 adc~ 1;
+	08_1.27\2.sampling2.pd	#X obj 27 170 + 1000;
trigger	08_1.27\2.sampling2.pd	#X obj 31 102 trigger float float;
*	08_1.27\2.sampling2.pd	#X obj 31 77 * 100;
print	08_1.27\2.sampling2.pd	#X obj 38 228 print;
pack	08_1.27\2.sampling2.pd	#X obj 26 196 pack 0 22.68;
soundfiler	08_1.27\3.sampling.transpose.pd	#X obj 502 421 soundfiler;
loadbang	08_1.27\3.sampling.transpose.pd	#X obj 499 357 loadbang;
dac~	08_1.27\3.sampling.transpose.pd	#X obj 76 412 dac~;
line~	08_1.27\3.sampling.transpose.pd	#X obj 77 314 line~;
tabwrite~	08_1.27\3.sampling.transpose.pd	#X obj 236 440 tabwrite~ t1.27a;

bng	08_1.27\3.sampling.transpose.pd	#X obj 214 420 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
*~	08_1.27\3.sampling.transpose.pd	#X obj 76 390 *~ 0.3;
print~	08_1.27\3.sampling.transpose.pd	#X obj 258 406 print~;
bng	08_1.27\3.sampling.transpose.pd	#X obj 296 383 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
hip~	08_1.27\3.sampling.transpose.pd	#X obj 234 376 hip~ 3;
adc~	08_1.27\3.sampling.transpose.pd	#X obj 233 353 adc~ 1;
mtof	08_1.27\3.sampling.transpose.pd	#X obj 33 130 mtof;
*	08_1.27\3.sampling.transpose.pd	#X obj 33 193 * 100000;
trigger	08_1.27\3.sampling.transpose.pd	#X obj 29 219 trigger float bang;
pack	08_1.27\3.sampling.transpose.pd	#X obj 29 262 pack 0 2268;
/	08_1.27\3.sampling.transpose.pd	#X obj 31 171 / 261.626;
hip~	08_1.27\3.sampling.transpose.pd	#X obj 77 358 hip~ 3;
tgl	08_1.27\3.sampling.transpose.pd	#X obj 33 60 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0 1
metro	08_1.27\3.sampling.transpose.pd	#X obj 33 80 metro 500;
osc~	08_1.27\3.sampling.transpose.pd	#X obj 376 358 osc~ 1000;
*~	08_1.27\3.sampling.transpose.pd	#X obj 375 380 *~ 0.3;
bng	08_1.27\3.sampling.transpose.pd	#X obj 387 404 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
tabwrite~	08_1.27\3.sampling.transpose.pd	#X obj 376 425 tabwrite~ t1.27a;
tabread4~	08_1.27\3.sampling.transpose.pd	#X obj 77 337 tabread4~ t1.27b;
soundfiler	08_1.27\4.sampling.envelope.pd	#X obj 477 353 soundfiler;
loadbang	08_1.27\4.sampling.envelope.pd	#X obj 472 286 loadbang;
dac~	08_1.27\4.sampling.envelope.pd	#X obj 39 434 dac~;
line~	08_1.27\4.sampling.envelope.pd	#X obj 40 311 line~;
osc~	08_1.27\4.sampling.envelope.pd	#X obj 350 317 osc~ 1000;
*~	08_1.27\4.sampling.envelope.pd	#X obj 349 339 *~ 0.3;
bng	08_1.27\4.sampling.envelope.pd	#X obj 326 360 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
*~	08_1.27\4.sampling.envelope.pd	#X obj 39 412 *~ 0.3;
mtof	08_1.27\4.sampling.envelope.pd	#X obj 45 70 mtof;
trigger	08_1.27\4.sampling.envelope.pd	#X obj 43 237 trigger float bang;
/	08_1.27\4.sampling.envelope.pd	#X obj 43 111 / 261.626;
hip~	08_1.27\4.sampling.envelope.pd	#X obj 40 380 hip~ 3;
tgl	08_1.27\4.sampling.envelope.pd	#X obj 45 7 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0 1
metro	08_1.27\4.sampling.envelope.pd	#X obj 45 27 metro 500;
*~	08_1.27\4.sampling.envelope.pd	#X obj 40 356 *~;
line~	08_1.27\4.sampling.envelope.pd	#X obj 164 339 line~;
del	08_1.27\4.sampling.envelope.pd	#X obj 223 283 del 100;
float	08_1.27\4.sampling.envelope.pd	#X obj 44 213 float;
del	08_1.27\4.sampling.envelope.pd	#X obj 45 190 del 5;
trigger	08_1.27\4.sampling.envelope.pd	#X obj 45 153 trigger bang float bang;

tabread4~	08_1.27\4.sampling.envelope.pd	#X obj 41 334 tabread4~ t1.27c;
pack	08_1.27\4.sampling.envelope.pd	#X obj 41 285 pack 0 2268;
*	08_1.27\4.sampling.envelope.pd	#X obj 45 133 * 100000;
tabwrite~	08_1.27\4.sampling.envelope.pd	#X obj 351 359 tabwrite~ t1.27c;
expr	09_2.01\1.new-objects.pd	#X obj 29 228 expr;
wrap~	09_2.01\1.new-objects.pd	#X obj 29 261 wrap~;
min~	09_2.01\1.new-objects.pd	#X obj 29 293 min~;
max~	09_2.01\1.new-objects.pd	#X obj 29 324 max~;
poly	09_2.01\1.new-objects.pd	#X obj 29 199 poly;
route	09_2.01\1.new-objects.pd	#X obj 32 117 route;
inlet	09_2.01\1.new-objects.pd	#X obj 31 84 inlet;
dac~	09_2.01\3.poly-sampler.pd	#X obj 29 237 dac~;
phasor~	09_2.01\3.poly-sampler.pd	#X obj 31 83 phasor~;
*~	09_2.01\3.poly-sampler.pd	#X obj 30 106 *~;
+~	09_2.01\3.poly-sampler.pd	#X obj 30 129 +~;
*	09_2.01\3.poly-sampler.pd	#X obj 77 106 * 100;
*	09_2.01\3.poly-sampler.pd	#X obj 76 127 * 100;
*~	09_2.01\3.poly-sampler.pd	#X obj 29 209 *~ 0.3;
*~	09_2.01\3.poly-sampler.pd	#X obj 29 184 *~;
line~	09_2.01\3.poly-sampler.pd	#X obj 62 184 line~;
tgl	09_2.01\3.poly-sampler.pd	#X obj 113 185 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
pack	09_2.01\3.poly-sampler.pd	#X obj 113 204 pack 0 50;
dac~	09_2.01\3.poly-sampler.pd	#X obj 28 612 dac~;
*~	09_2.01\3.poly-sampler.pd	#X obj 28 580 *~ 0.3;
*~	09_2.01\3.poly-sampler.pd	#X obj 28 551 *~;
line~	09_2.01\3.poly-sampler.pd	#X obj 100 595 line~;
tgl	09_2.01\3.poly-sampler.pd	#X obj 100 550 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
pack	09_2.01\3.poly-sampler.pd	#X obj 100 570 pack 0 50;
*~	09_2.01\3.poly-sampler.pd	#X obj 30 509 *~;
cos~	09_2.01\3.poly-sampler.pd	#X obj 234 415 cos~;
tabwrite~	09_2.01\3.poly-sampler.pd	#X obj 305 635 tabwrite~ scope;
bng	09_2.01\3.poly-sampler.pd	#X obj 303 564 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
*~	09_2.01\3.poly-sampler.pd	#X obj 235 444 *~ -0.5;
+~	09_2.01\3.poly-sampler.pd	#X obj 236 475 +~ 0.5;
tabwrite~	09_2.01\3.poly-sampler.pd	#X obj 308 602 tabwrite~ scope2;
phasor~	09_2.01\3.poly-sampler.pd	#X obj 126 365 phasor~;
*~	09_2.01\3.poly-sampler.pd	#X obj 32 411 *~;
+~	09_2.01\3.poly-sampler.pd	#X obj 32 434 +~;

*	09_2.01\3.poly-sampler.pd	#X obj 66 412 * 100;
*	09_2.01\3.poly-sampler.pd	#X obj 65 433 * 100;
soundfiler	09_2.01\3.poly-sampler.pd	#X obj 31 -254 soundfiler;
loadbang	09_2.01\3.poly-sampler.pd	#X obj 26 -321 loadbang;
tabread4~	09_2.01\3.poly-sampler.pd	#X obj 32 458 tabread4~ t2.01a;
tabread4~	09_2.01\3.poly-sampler.pd	#X obj 30 153 tabread4~ t2.01a;
soundfiler	09_2.01\3.poly-sampler.pd	#X obj 25 171 soundfiler;
loadbang	09_2.01\3.poly-sampler.pd	#X obj 20 104 loadbang;
sampler-voice	09_2.01\3.poly-sampler.pd	#X obj 53 167 sampler-voice;
sampler-voice	09_2.01\3.poly-sampler.pd	#X obj 52 217 sampler-voice;
sampler-voice	09_2.01\3.poly-sampler.pd	#X obj 54 240 sampler-voice;
soundfiler	09_2.01\4.poly-sampler-duration.pd	#X obj 262 274 soundfiler;
loadbang	09_2.01\4.poly-sampler-duration.pd	#X obj 263 222 loadbang;
f	09_2.01\4.poly-sampler-duration.pd	#X obj 77 278 f;
+	09_2.01\4.poly-sampler-duration.pd	#X obj 117 276 + 1;
mod	09_2.01\4.poly-sampler-duration.pd	#X obj 117 296 mod 8;
route	09_2.01\4.poly-sampler-duration.pd	#X obj 83 358 route 0 1 2 3 4 5 6 7;
pack	09_2.01\4.poly-sampler-duration.pd	#X obj 134 325 pack 0 0 0;
unpack	09_2.01\4.poly-sampler-duration.pd	#X obj 101 191 unpack;
t	09_2.01\4.poly-sampler-duration.pd	#X obj 102 215 t b f;
sampler-voice-with-duration	09_2.01\4.poly-sampler-duration.pd	#X obj 191 390 sampler-voice-with-duration;
print	09_2.01\4.poly-sampler-duration.pd	#X obj 30 358 print;
pack	09_2.01\4.poly-sampler-duration.pd	#X obj 102 169 pack 0 1000;
sampler-voice-with-duration	09_2.01\4.poly-sampler-duration.pd	#X obj 85 543 sampler-voice-with-duration;
sampler-voice-with-duration	09_2.01\4.poly-sampler-duration.pd	#X obj 100 518 sampler-voice-with-duration;
sampler-voice-with-duration	09_2.01\4.poly-sampler-duration.pd	#X obj 112 496 sampler-voice-with-duration;
sampler-voice-with-duration	09_2.01\4.poly-sampler-duration.pd	#X obj 124 473 sampler-voice-with-duration;
sampler-voice-with-duration	09_2.01\4.poly-sampler-duration.pd	#X obj 146 452 sampler-voice-with-duration;
sampler-voice-with-duration	09_2.01\4.poly-sampler-duration.pd	#X obj 175 410 sampler-voice-with-duration;
sampler-voice-with-duration	09_2.01\4.poly-sampler-duration.pd	#X obj 159 430 sampler-voice-with-duration;
dac~	09_2.01\sampler-voice-with-duration.pd	#X obj 39 434 dac~;
line~	09_2.01\sampler-voice-with-duration.pd	#X obj 40 311 line~;
*~	09_2.01\sampler-voice-with-duration.pd	#X obj 39 412 *~ 0.3;

mtof	09_2.01\sampler-voice-with-duration.pd	#X obj 44 81 mtof;
trigger	09_2.01\sampler-voice-with-duration.pd	#X obj 43 237 trigger float bang;
/	09_2.01\sampler-voice-with-duration.pd	#X obj 42 122 / 261.626;
hip~	09_2.01\sampler-voice-with-duration.pd	#X obj 40 380 hip~ 3;
*~	09_2.01\sampler-voice-with-duration.pd	#X obj 40 356 *~;
line~	09_2.01\sampler-voice-with-duration.pd	#X obj 164 339 line~;
float	09_2.01\sampler-voice-with-duration.pd	#X obj 44 213 float;
del	09_2.01\sampler-voice-with-duration.pd	#X obj 45 190 del 5;
trigger	09_2.01\sampler-voice-with-duration.pd	#X obj 44 164 trigger bang float bang;
pack	09_2.01\sampler-voice-with-duration.pd	#X obj 41 285 pack 0 2268;
*	09_2.01\sampler-voice-with-duration.pd	#X obj 44 144 * 100000;
inlet	09_2.01\sampler-voice-with-duration.pd	#X obj 42 17 inlet;
unpack	09_2.01\sampler-voice-with-duration.pd	#X obj 42 39 unpack;
del	09_2.01\sampler-voice-with-duration.pd	#X obj 223 283 del;
tabread4~	09_2.01\sampler-voice-with-duration.pd	#X obj 41 334 tabread4~ t2.01c;
dac~	09_2.01\sampler-voice.pd	#X obj 39 434 dac~;
line~	09_2.01\sampler-voice.pd	#X obj 40 311 line~;
*~	09_2.01\sampler-voice.pd	#X obj 39 412 *~ 0.3;
mtof	09_2.01\sampler-voice.pd	#X obj 45 70 mtof;
trigger	09_2.01\sampler-voice.pd	#X obj 43 237 trigger float bang;
/	09_2.01\sampler-voice.pd	#X obj 43 111 / 261.626;
hip~	09_2.01\sampler-voice.pd	#X obj 40 380 hip~ 3;
*~	09_2.01\sampler-voice.pd	#X obj 40 356 *~;
line~	09_2.01\sampler-voice.pd	#X obj 164 339 line~;

del	09_2.01\sampler-voice.pd	#X obj 223 283 del 100;
float	09_2.01\sampler-voice.pd	#X obj 44 213 float;
del	09_2.01\sampler-voice.pd	#X obj 45 190 del 5;
trigger	09_2.01\sampler-voice.pd	#X obj 45 153 trigger bang float bang;
pack	09_2.01\sampler-voice.pd	#X obj 41 285 pack 0 2268;
*	09_2.01\sampler-voice.pd	#X obj 45 133 * 100000;
inlet	09_2.01\sampler-voice.pd	#X obj 45 28 inlet;
tabread4~	09_2.01\sampler-voice.pd	#X obj 41 334 tabread4~ t2.01b;
output~	10_2.03\2.phasor-sampler-again.pd	#X obj 87 51 output~;
throw~	10_2.03\2.phasor-sampler-again.pd	#X obj 85 118 throw~;
catch~	10_2.03\2.phasor-sampler-again.pd	#X obj 85 147 catch~;
dac~	10_2.03\2.phasor-sampler-again.pd	#X obj 7 463 dac~;
*~	10_2.03\2.phasor-sampler-again.pd	#X obj 7 431 *~ 0.3;
*~	10_2.03\2.phasor-sampler-again.pd	#X obj 7 402 *~;
line~	10_2.03\2.phasor-sampler-again.pd	#X obj 79 446 line~;
tgl	10_2.03\2.phasor-sampler-again.pd	#X obj 78 401 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
pack	10_2.03\2.phasor-sampler-again.pd	#X obj 79 421 pack 0 50;
*~	10_2.03\2.phasor-sampler-again.pd	#X obj 9 360 *~;
cos~	10_2.03\2.phasor-sampler-again.pd	#X obj 208 276 cos~;
tabwrite~	10_2.03\2.phasor-sampler-again.pd	#X obj 257 444 tabwrite~ scope;
bng	10_2.03\2.phasor-sampler-again.pd	#X obj 255 373 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
*~	10_2.03\2.phasor-sampler-again.pd	#X obj 209 301 *~ -0.5;
+~	10_2.03\2.phasor-sampler-again.pd	#X obj 209 325 +~ 0.5;
tabwrite~	10_2.03\2.phasor-sampler-again.pd	#X obj 260 411 tabwrite~ scope2;
phasor~	10_2.03\2.phasor-sampler-again.pd	#X obj 105 216 phasor~;
*~	10_2.03\2.phasor-sampler-again.pd	#X obj 11 262 *~;
+~	10_2.03\2.phasor-sampler-again.pd	#X obj 11 285 +~;
soundfiler	10_2.03\2.phasor-sampler-again.pd	#X obj 14 -266 soundfiler;
loadbang	10_2.03\2.phasor-sampler-again.pd	#X obj 14 -313 loadbang;
tabwrite~	10_2.03\2.phasor-sampler-again.pd	#X obj 247 -265 tabwrite~ t2.03a;
osc~	10_2.03\2.phasor-sampler-again.pd	#X obj 245 -313 osc~ 110;
*~	10_2.03\2.phasor-sampler-again.pd	#X obj 245 -289 *~ 0.2;
bng	10_2.03\2.phasor-sampler-again.pd	#X obj 223 -279 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
tabread4~	10_2.03\2.phasor-sampler-again.pd	#X obj 13 310 tabread4~ t2.03a;
*	10_2.03\2.phasor-sampler-again.pd	#X obj 45 263 * 441;
*	10_2.03\2.phasor-sampler-again.pd	#X obj 44 284 * 441;
mtof	10_2.03\2.phasor-sampler-again.pd	#X obj 106 134 mtof;
/	10_2.03\2.phasor-sampler-again.pd	#X obj 190 238 /;

t	10_2.03\2.phasor-sampler-again.pd	#X obj 176 190 t b f;
t	10_2.03\output~.pd	#X obj 353 490 t b;
f	10_2.03\output~.pd	#X obj 353 437 f;
f	10_2.03\output~.pd	#X obj 353 515 f;
moses	10_2.03\output~.pd	#X obj 353 467 moses 1;
t	10_2.03\output~.pd	#X obj 467 486 t b f;
moses	10_2.03\output~.pd	#X obj 433 447 moses 1;
dbtorms	10_2.03\output~.pd	#X obj 29 97 dbtorms;
inlet~	10_2.03\output~.pd	#X obj 85 170 inlet~;
line~	10_2.03\output~.pd	#X obj 29 170 line~;
*~	10_2.03\output~.pd	#X obj 64 242 *~;
dac~	10_2.03\output~.pd	#X obj 64 272 dac~;
pack	10_2.03\output~.pd	#X obj 29 127 pack 0 50;
bng	10_2.03\output~.pd	#X obj 350 240 bng 15 250 50 0 empty empty mute -38 7 0 12 -262144
inlet~	10_2.03\output~.pd	#X obj 148 170 inlet~;
*~	10_2.03\output~.pd	#X obj 154 241 *~;
r	10_2.03\output~.pd	#X obj 323 174 r \\${0-master-lvl};
s	10_2.03\output~.pd	#X obj 353 541 s \\${0-master-lvl};
s	10_2.03\output~.pd	#X obj 323 279 s \\${0-master-out};
r	10_2.03\output~.pd	#X obj 29 71 r \\${0-master-out};
r	10_2.03\output~.pd	#X obj 433 418 r \\${0-master-out};
hip~	10_2.03\output~.pd	#X obj 85 192 hip~ 3;
hip~	10_2.03\output~.pd	#X obj 147 192 hip~ 3;
throw~	11_2.08\1.new-objects.pd	#X obj 25 62 throw~;
catch~	11_2.08\1.new-objects.pd	#X obj 25 91 catch~;
send~	11_2.08\1.new-objects.pd	#X obj 25 120 send~;
receive~	11_2.08\1.new-objects.pd	#X obj 25 149 receive~;
random	11_2.08\1.new-objects.pd	#X obj 22 287 random;
inlet~	11_2.08\1.new-objects.pd	#X obj 27 187 inlet~;
outlet~	11_2.08\1.new-objects.pd	#X obj 26 212 outlet~;
moses	11_2.08\1.new-objects.pd	#X obj 28 255 moses;
osc~	11_2.08\2.inlets-and-outlets.pd	#X obj 58 119 osc~ 440;
output~	11_2.08\2.inlets-and-outlets.pd	#X obj 50 218 output~;
inlet	11_2.08\2.inlets-and-outlets.pd	#X obj 299 59 inlet;
inlet	11_2.08\2.inlets-and-outlets.pd	#X obj 88 51 inlet;
outlet	11_2.08\2.inlets-and-outlets.pd	#X obj 312 148 outlet;
outlet	11_2.08\2.inlets-and-outlets.pd	#X obj 105 133 outlet;

inlet~	11_2.08\2.inlets-and-outlets.pd	#X obj 220 59 inlet~;
outlet~	11_2.08\2.inlets-and-outlets.pd	#X obj 222 138 outlet~;
inlet	11_2.08\2.inlets-and-outlets.pd	#X obj 152 50 inlet;
outlet	11_2.08\2.inlets-and-outlets.pd	#X obj 169 132 outlet;
inlet	11_2.08\2.inlets-and-outlets.pd	#X obj -53 58 inlet;
outlet	11_2.08\2.inlets-and-outlets.pd	#X obj -36 140 outlet;
inlet	11_2.08\2.inlets-and-outlets.pd	#X obj 11 57 inlet;
outlet	11_2.08\2.inlets-and-outlets.pd	#X obj 28 139 outlet;
+	11_2.08\4.ring.modulatio.pd	#X obj 62 204 + 60;
mtof	11_2.08\4.ring.modulatio.pd	#X obj 62 232 mtof;
osc~	11_2.08\4.ring.modulatio.pd	#X obj 62 260 osc~;
output~	11_2.08\4.ring.modulatio.pd	#X obj 62 288 output~;
random	11_2.08\4.ring.modulatio.pd	#X obj 62 173 random 8;
metro	11_2.08\4.ring.modulatio.pd	#X obj 62 142 metro 150;
tgl	11_2.08\4.ring.modulatio.pd	#X obj 62 116 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
+	11_2.08\4.ring.modulatio.pd	#X obj 363 249 + 60;
mtof	11_2.08\4.ring.modulatio.pd	#X obj 363 277 mtof;
osc~	11_2.08\4.ring.modulatio.pd	#X obj 363 305 osc~;
output~	11_2.08\4.ring.modulatio.pd	#X obj 363 333 output~;
metro	11_2.08\4.ring.modulatio.pd	#X obj 366 155 metro 150;
tgl	11_2.08\4.ring.modulatio.pd	#X obj 363 129 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
random	11_2.08\4.ring.modulatio.pd	#X obj 367 185 random 800;
/	11_2.08\4.ring.modulatio.pd	#X obj 364 216 / 100;
output~	11_2.08\4.ring.modulatio.pd	#X obj 363 254 output~;
*~	11_2.08\4.ring.modulatio.pd	#X obj 360 219 *~;
osc~	11_2.08\4.ring.modulatio.pd	#X obj 406 217 osc~;
adc~	11_2.08\4.ring.modulatio.pd	#X obj 360 187 adc~;
output~	11_2.08\4.ring.modulatio.pd	#X obj 11 322 output~;
*~	11_2.08\4.ring.modulatio.pd	#X obj 13 289 *~;
osc~	11_2.08\4.ring.modulatio.pd	#X obj 31 260 osc~;
output~	11_2.08\4.ring.modulatio.pd	#X obj 30 162 output~;
osc~	11_2.08\4.ring.modulatio.pd	#X obj 14 92 osc~;
clip~	11_2.08\4.ring.modulatio.pd	#X obj 13 121 clip~ -0.2 0.7;
t	11_2.08\output~.pd	#X obj 353 490 t b;
f	11_2.08\output~.pd	#X obj 353 437 f;
f	11_2.08\output~.pd	#X obj 353 515 f;
moses	11_2.08\output~.pd	#X obj 353 467 moses 1;



t	11_2.08\output~.pd	#X obj 467 486 t b f;
moses	11_2.08\output~.pd	#X obj 433 447 moses 1;
dbtorms	11_2.08\output~.pd	#X obj 29 97 dbtorms;
inlet~	11_2.08\output~.pd	#X obj 85 170 inlet~;
line~	11_2.08\output~.pd	#X obj 29 170 line~;
*~	11_2.08\output~.pd	#X obj 64 242 *~;
dac~	11_2.08\output~.pd	#X obj 64 272 dac~;
pack	11_2.08\output~.pd	#X obj 29 127 pack 0 50;
bng	11_2.08\output~.pd	#X obj 350 240 bng 15 250 50 0 empty empty mute -38 7 0 12 -262144
inlet~	11_2.08\output~.pd	#X obj 148 170 inlet~;
*~	11_2.08\output~.pd	#X obj 154 241 *~;
r	11_2.08\output~.pd	#X obj 323 174 r \\${0}-master-lvl;
s	11_2.08\output~.pd	#X obj 353 541 s \\${0}-master-lvl;
s	11_2.08\output~.pd	#X obj 323 279 s \\${0}-master-out;
r	11_2.08\output~.pd	#X obj 29 71 r \\${0}-master-out;
r	11_2.08\output~.pd	#X obj 433 418 r \\${0}-master-out;
hip~	11_2.08\output~.pd	#X obj 85 192 hip~ 3;
hip~	11_2.08\output~.pd	#X obj 147 192 hip~ 3;
exp~	12_2.10\1.new-objects.pd	#X obj 91 77 exp~;
log~	12_2.10\1.new-objects.pd	#X obj 91 104 log~;
exp	12_2.10\1.new-objects.pd	#X obj 56 78 exp;
log	12_2.10\1.new-objects.pd	#X obj 56 103 log;
expr	12_2.10\1.new-objects.pd	#X obj 58 151 expr \$f1;
expr~	12_2.10\1.new-objects.pd	#X obj 60 176 expr~ \$v1;
output~	12_2.10\2.waveshaping.pd	#X obj 167 338 output~;
*~	12_2.10\2.waveshaping.pd	#X obj 160 302 *~;
osc~	12_2.10\2.waveshaping.pd	#X obj 178 279 osc~;
output~	12_2.10\2.waveshaping.pd	#X obj 35 311 output~;
osc~	12_2.10\2.waveshaping.pd	#X obj 22 155 osc~;
tabwrite~	12_2.10\2.waveshaping.pd	#X obj 16 416 tabwrite~ t2.10;
bng	12_2.10\2.waveshaping.pd	#X obj 28 386 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
tabwrite~	12_2.10\2.waveshaping.pd	#X obj 153 423 tabwrite~ t2.10;
bng	12_2.10\2.waveshaping.pd	#X obj 164 399 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
clip~	12_2.10\2.waveshaping.pd	#X obj 24 234 clip~;
output~	12_2.10\2.waveshaping.pd	#X obj 88 134 output~;
t	12_2.10\output~.pd	#X obj 353 490 t b;
f	12_2.10\output~.pd	#X obj 353 437 f;

f	12_2.10\output~.pd	#X obj 353 515 f;
moses	12_2.10\output~.pd	#X obj 353 467 moses 1;
t	12_2.10\output~.pd	#X obj 467 486 t b f;
moses	12_2.10\output~.pd	#X obj 433 447 moses 1;
dbtorms	12_2.10\output~.pd	#X obj 29 97 dbtorms;
inlet~	12_2.10\output~.pd	#X obj 85 170 inlet~;
line~	12_2.10\output~.pd	#X obj 29 170 line~;
*~	12_2.10\output~.pd	#X obj 64 242 *~;
dac~	12_2.10\output~.pd	#X obj 64 272 dac~;
pack	12_2.10\output~.pd	#X obj 29 127 pack 0 50;
bng	12_2.10\output~.pd	#X obj 350 240 bng 15 250 50 0 empty empty mute -38 7 0 12 -262144
inlet~	12_2.10\output~.pd	#X obj 148 170 inlet~;
*~	12_2.10\output~.pd	#X obj 154 241 *~;
r	12_2.10\output~.pd	#X obj 323 174 r \\${0}-master-lvl;
s	12_2.10\output~.pd	#X obj 353 541 s \\${0}-master-lvl;
s	12_2.10\output~.pd	#X obj 323 279 s \\${0}-master-out;
r	12_2.10\output~.pd	#X obj 29 71 r \\${0}-master-out;
r	12_2.10\output~.pd	#X obj 433 418 r \\${0}-master-out;
hip~	12_2.10\output~.pd	#X obj 85 192 hip~ 3;
hip~	12_2.10\output~.pd	#X obj 147 192 hip~ 3;
output~	13_2.15\1.waveshaping.pd	#X obj 294 385 output~;
osc~	13_2.15\1.waveshaping.pd	#X obj 12 90 osc~;
tabwrite~	13_2.15\1.waveshaping.pd	#X obj 294 301 tabwrite~ t2.10;
bng	13_2.15\1.waveshaping.pd	#X obj 295 277 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
*~	13_2.15\1.waveshaping.pd	#X obj 13 212 *~;
line~	13_2.15\1.waveshaping.pd	#X obj 197 196 line~;
pack	13_2.15\1.waveshaping.pd	#X obj 199 172 pack 0 30;
/	13_2.15\1.waveshaping.pd	#X obj 199 147 / 100;
clip~	13_2.15\1.waveshaping.pd	#X obj 438 264 clip~;
*~	13_2.15\1.waveshaping.pd	#X obj 16 268 *~;
output~	13_2.15\1.waveshaping.pd	#X obj 438 291 output~;
osc~	13_2.15\1.waveshaping.pd	#X obj 67 87 osc~;
output~	13_2.15\1.waveshaping.pd	#X obj 26 144 output~;
*~	13_2.15\1.waveshaping.pd	#X obj 55 268 *~;
*~	13_2.15\1.waveshaping.pd	#X obj 95 267 *~;
*~	13_2.15\1.waveshaping.pd	#X obj 134 267 *~;
*~	13_2.15\1.waveshaping.pd	#X obj 174 266 *~;
*~	13_2.15\1.waveshaping.pd	#X obj 213 266 *~;
output~	13_2.15\1.waveshaping.pd	#X obj 77 386 output~;

output~	13_2.15\1.waveshaping.pd	#X obj 5 386 output~;
+~	13_2.15\1.waveshaping.pd	#X obj 12 114 +~;
output~	13_2.15\1.waveshaping.pd	#X obj 218 386 output~;
output~	13_2.15\1.waveshaping.pd	#X obj 146 386 output~;
output~	13_2.15\1.waveshaping.pd	#X obj 365 385 output~;
output~	13_2.15\2.sinusoid-shaper.pd	#X obj 31 326 output~;
osc~	13_2.15\2.sinusoid-shaper.pd	#X obj 12 82 osc~;
bng	13_2.15\2.sinusoid-shaper.pd	#X obj 31 386 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
*~	13_2.15\2.sinusoid-shaper.pd	#X obj 12 162 *~;
line~	13_2.15\2.sinusoid-shaper.pd	#X obj 49 161 line~;
pack	13_2.15\2.sinusoid-shaper.pd	#X obj 49 136 pack 0 30;
/	13_2.15\2.sinusoid-shaper.pd	#X obj 49 112 / 100;
cos~	13_2.15\2.sinusoid-shaper.pd	#X obj 12 287 cos~;
line~	13_2.15\2.sinusoid-shaper.pd	#X obj 48 260 line~;
pack	13_2.15\2.sinusoid-shaper.pd	#X obj 48 234 pack 0 30;
/	13_2.15\2.sinusoid-shaper.pd	#X obj 48 209 / 100;
+~	13_2.15\2.sinusoid-shaper.pd	#X obj 11 259 +~;
tabwrite~	13_2.15\2.sinusoid-shaper.pd	#X obj 11 410 tabwrite~ t2.10b;
t	13_2.15\output~.pd	#X obj 353 490 t b;
f	13_2.15\output~.pd	#X obj 353 437 f;
f	13_2.15\output~.pd	#X obj 353 515 f;
moses	13_2.15\output~.pd	#X obj 353 467 moses 1;
t	13_2.15\output~.pd	#X obj 467 486 t b f;
moses	13_2.15\output~.pd	#X obj 433 447 moses 1;
dbtorms	13_2.15\output~.pd	#X obj 29 97 dbtorms;
inlet~	13_2.15\output~.pd	#X obj 85 170 inlet~;
line~	13_2.15\output~.pd	#X obj 29 170 line~;
*~	13_2.15\output~.pd	#X obj 64 242 *~;
dac~	13_2.15\output~.pd	#X obj 64 272 dac~;
pack	13_2.15\output~.pd	#X obj 29 127 pack 0 50;
bng	13_2.15\output~.pd	#X obj 350 240 bng 15 250 50 0 empty empty mute -38 7 0 12 -262144
inlet~	13_2.15\output~.pd	#X obj 148 170 inlet~;
*~	13_2.15\output~.pd	#X obj 154 241 *~;
r	13_2.15\output~.pd	#X obj 323 174 r \\${0}-master-lvl;
s	13_2.15\output~.pd	#X obj 353 541 s \\${0}-master-lvl;
s	13_2.15\output~.pd	#X obj 323 279 s \\${0}-master-out;
r	13_2.15\output~.pd	#X obj 29 71 r \\${0}-master-out;
r	13_2.15\output~.pd	#X obj 433 418 r \\${0}-master-out;

hip~	13_2.15\output~.pd	#X obj 85 192 hip~ 3;
hip~	13_2.15\output~.pd	#X obj 147 192 hip~ 3;
output~	14_2.17\1.sinusoid-shaper-cont.pd	#X obj 31 326 output~;
osc~	14_2.17\1.sinusoid-shaper-cont.pd	#X obj 12 82 osc~;
bng	14_2.17\1.sinusoid-shaper-cont.pd	#X obj 31 386 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
*~	14_2.17\1.sinusoid-shaper-cont.pd	#X obj 12 162 *~;
line~	14_2.17\1.sinusoid-shaper-cont.pd	#X obj 49 161 line~;
pack	14_2.17\1.sinusoid-shaper-cont.pd	#X obj 49 136 pack 0 30;
/	14_2.17\1.sinusoid-shaper-cont.pd	#X obj 49 112 / 100;
cos~	14_2.17\1.sinusoid-shaper-cont.pd	#X obj 12 287 cos~;
line~	14_2.17\1.sinusoid-shaper-cont.pd	#X obj 48 260 line~;
pack	14_2.17\1.sinusoid-shaper-cont.pd	#X obj 48 234 pack 0 30;
/	14_2.17\1.sinusoid-shaper-cont.pd	#X obj 48 209 / 100;
+~	14_2.17\1.sinusoid-shaper-cont.pd	#X obj 11 259 +~;
tabwrite~	14_2.17\1.sinusoid-shaper-cont.pd	#X obj 11 410 tabwrite~ t2.10b;
output~	14_2.17\2.FM.pd	#X obj -811 360 output~;
osc~	14_2.17\2.FM.pd	#X obj -809 155 osc~;
bng	14_2.17\2.FM.pd	#X obj -369 508 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
*~	14_2.17\2.FM.pd	#X obj -810 247 *~;
line~	14_2.17\2.FM.pd	#X obj -773 248 line~;
pack	14_2.17\2.FM.pd	#X obj -773 224 pack 0 30;
/	14_2.17\2.FM.pd	#X obj -773 201 / 100;
cos~	14_2.17\2.FM.pd	#X obj -810 278 cos~;
metro	14_2.17\2.FM.pd	#X obj -370 485 metro 250;
tgl	14_2.17\2.FM.pd	#X obj -369 466 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1
output~	14_2.17\2.FM.pd	#X obj -383 397 output~;
osc~	14_2.17\2.FM.pd	#X obj -396 164 osc~;
*~	14_2.17\2.FM.pd	#X obj -397 265 *~;
cos~	14_2.17\2.FM.pd	#X obj -397 364 cos~;
phasor~	14_2.17\2.FM.pd	#X obj -379 315 phasor~;
*~	14_2.17\2.FM.pd	#X obj -810 328 *~;
osc~	14_2.17\2.FM.pd	#X obj -772 324 osc~;
+~	14_2.17\2.FM.pd	#X obj -396 341 +~;
line~	14_2.17\2.FM.pd	#X obj -364 267 line~;
pack	14_2.17\2.FM.pd	#X obj -364 243 pack 0 30;
/	14_2.17\2.FM.pd	#X obj -364 220 / 100;
tabwrite~	14_2.17\2.FM.pd	#X obj -393 528 tabwrite~ t2.17c;

hip~	14_2.17\3.exponential.pd	#X obj 16 346 hip~ 5;
inlet~	14_2.17\3.exponential.pd	#X obj 19 61 inlet~;
inlet	14_2.17\3.exponential.pd	#X obj 208 212 inlet;
rfft~	14_2.17\3.exponential.pd	#X obj 29 92 rfft~;
*~	14_2.17\3.exponential.pd	#X obj 29 125 *~;
*~	14_2.17\3.exponential.pd	#X obj 60 125 *~;
sqrt~	14_2.17\3.exponential.pd	#X obj 29 155 sqrt~;
block~	14_2.17\3.exponential.pd	#X obj 332 109 block~ 4096 1;
biquad~	14_2.17\3.exponential.pd	#X obj 29 181 biquad~ 0 0 0 1;
samplerate~	14_2.17\3.exponential.pd	#X obj 16 425 samplerate~;
bng	14_2.17\3.exponential.pd	#X obj 16 402 bng 18 250 50 0 empty empty empty 0 -6 0 8 -262144 -1
/	14_2.17\3.exponential.pd	#X obj 16 448 / 256;
loadbang	14_2.17\3.exponential.pd	#X obj 16 378 loadbang;
s	14_2.17\3.exponential.pd	#X obj 24 494 s fundamental;
ftom	14_2.17\3.exponential.pd	#X obj 16 517 ftom;
/	14_2.17\3.exponential.pd	#X obj 191 456 / 4096;
s	14_2.17\3.exponential.pd	#X obj 191 502 s freq-step;
tabwrite~	14_2.17\3.exponential.pd	#X obj 208 295 tabwrite~ E06-spectrum;
tabwrite~	14_2.17\3.exponential.pd	#X obj 19 295 tabwrite~ E06-signal;
metro	14_2.17\3.exponential.pd	#X obj 220 257 metro 500;
inlet	14_2.17\3.exponential.pd	#X obj 220 234 inlet;
bng	14_2.17\3.exponential.pd	#X obj 84 298 bng 18 250 50 0 empty empty empty 0 -6 0 8 -262144 -1
output~	14_2.17\3.exponential.pd	#X obj 16 374 output~;
r	14_2.17\3.exponential.pd	#X obj 12 30 r fundamental;
osc~	14_2.17\3.exponential.pd	#X obj 12 57 osc~;
tgl	14_2.17\3.exponential.pd	#X obj 84 319 tgl 18 0 empty empty empty 0 -6 0 8 -262144 -1 -1 0 1
t	14_2.17\3.exponential.pd	#X obj 164 81 t b b;
f	14_2.17\3.exponential.pd	#X obj 236 106 f;
+	14_2.17\3.exponential.pd	#X obj 274 106 + 1;
until	14_2.17\3.exponential.pd	#X obj 164 104 until;
t	14_2.17\3.exponential.pd	#X obj 236 136 t f f;
bng	14_2.17\3.exponential.pd	#X obj 164 62 bng 15 250 50 0 empty empty empty 0 -6 0 8 -262144 -1
expr	14_2.17\3.exponential.pd	#X obj 104 164 expr exp(-(\$f1-1)/100);
sel	14_2.17\3.exponential.pd	#X obj 163 132 sel 999;
tabwrite	14_2.17\3.exponential.pd	#X obj 137 196 tabwrite E06-tab;
+~	14_2.17\3.exponential.pd	#X obj 12 168 +~ 1;
*~	14_2.17\3.exponential.pd	#X obj 12 146 *~ 100;
+~	14_2.17\3.exponential.pd	#X obj 12 83 +~ 1;
pack	14_2.17\3.exponential.pd	#X obj 68 96 pack 0 50;
line~	14_2.17\3.exponential.pd	#X obj 68 120 line~;

/	14_2.17\3.exponential.pd	#X obj 68 73 / 10;
*~	14_2.17\3.exponential.pd	#X obj 12 124 *~;
tabread4~	14_2.17\3.exponential.pd	#X obj 13 190 tabread4~ E06-tab;
*~	14_2.17\3.exponential.pd	#X obj 15 222 *~;
osc~	14_2.17\3.exponential.pd	#X obj 56 275 osc~;
r	14_2.17\3.exponential.pd	#X obj 89 253 r fundamental;
*	14_2.17\3.exponential.pd	#X obj 56 251 *;
qlist	14_2.17\4.sequencer.pd	#X obj 15 280 qlist;
s	14_2.17\4.sequencer.pd	#X obj 29 348 s name1;
r	14_2.17\4.sequencer.pd	#X obj 27 374 r name1;
r	14_2.17\4.sequencer.pd	#X obj 94 377 r name2;
bng	14_2.17\4.sequencer.pd	#X obj 44 115 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
r	14_2.17\4.sequencer.pd	#X obj 44 91 r restart;
print	14_2.17\4.sequencer.pd	#X obj 51 244 print;
t	15_2.22\1.delay fm.pd	#X obj 353 490 t b;
f	15_2.22\1.delay fm.pd	#X obj 353 437 f;
f	15_2.22\1.delay fm.pd	#X obj 353 515 f;
moses	15_2.22\1.delay fm.pd	#X obj 353 467 moses 1;
t	15_2.22\1.delay fm.pd	#X obj 467 486 t b f;
moses	15_2.22\1.delay fm.pd	#X obj 433 447 moses 1;
dbtorms	15_2.22\1.delay fm.pd	#X obj 29 97 dbtorms;
inlet~	15_2.22\1.delay fm.pd	#X obj 85 170 inlet~;
line~	15_2.22\1.delay fm.pd	#X obj 29 170 line~;
*~	15_2.22\1.delay fm.pd	#X obj 64 242 *~;
dac~	15_2.22\1.delay fm.pd	#X obj 64 272 dac~;
pack	15_2.22\1.delay fm.pd	#X obj 29 127 pack 0 50;
bng	15_2.22\1.delay fm.pd	#X obj 350 240 bng 15 250 50 0 empty empty mute -38 7 0 12 -262144
inlet~	15_2.22\1.delay fm.pd	#X obj 148 170 inlet~;
*~	15_2.22\1.delay fm.pd	#X obj 154 241 *~;
r	15_2.22\1.delay fm.pd	#X obj 323 174 r \ \$0-master-lvl;
s	15_2.22\1.delay fm.pd	#X obj 353 541 s \ \$0-master-lvl;
s	15_2.22\1.delay fm.pd	#X obj 323 279 s \ \$0-master-out;
r	15_2.22\1.delay fm.pd	#X obj 29 71 r \ \$0-master-out;
r	15_2.22\1.delay fm.pd	#X obj 433 418 r \ \$0-master-out;
hip~	15_2.22\1.delay fm.pd	#X obj 85 192 hip~ 3;
hip~	15_2.22\1.delay fm.pd	#X obj 147 192 hip~ 3;
delwrite~	15_2.22\1.delay fm.pd	#X obj 48 413 delwrite~ delay_line 1000;

*~	15_2.22\1.delay fm.pd	#X obj 342 290 *~;
sig~	15_2.22\1.delay fm.pd	#X obj 382 262 sig~;
soundfiler	15_2.22\1.delay fm.pd	#X obj 48 233 soundfiler;
phasor~	15_2.22\1.delay fm.pd	#X obj 48 317 phasor~;
sig~	15_2.22\1.delay fm.pd	#X obj 48 289 sig~;
expr	15_2.22\1.delay fm.pd	#X obj 48 261 expr 1 / ( \$f1 / 44100 );
tabread4~	15_2.22\1.delay fm.pd	#X obj 48 373 tabread4~ sound_array;
dac~	15_2.22\1.delay fm.pd	#X obj 342 409 dac~;
*~	15_2.22\1.delay fm.pd	#X obj 48 345 *~;
sig~	15_2.22\1.delay fm.pd	#X obj 104 317 sig~;
vd~	15_2.22\1.delay fm.pd	#X obj 342 356 vd~ delay_line;
+~	15_2.22\1.delay fm.pd	#X obj 342 322 +~;
osc~	15_2.22\1.delay fm.pd	#X obj 342 260 osc~;
block~	15_2.22\1.delay fm.pd	#X obj 209 88 block~ 2048;
rfft~	15_2.22\1.delay fm.pd	#X obj 156 120 rfft~;
*~	15_2.22\1.delay fm.pd	#X obj 156 157 *~;
*~	15_2.22\1.delay fm.pd	#X obj 188 157 *~;
+~	15_2.22\1.delay fm.pd	#X obj 156 191 +~;
tabwrite~	15_2.22\1.delay fm.pd	#X obj 156 262 tabwrite~ spectrum;
inlet~	15_2.22\1.delay fm.pd	#X obj 156 88 inlet~;
metro	15_2.22\1.delay fm.pd	#X obj 297 138 metro 100;
inlet	15_2.22\1.delay fm.pd	#X obj 297 88 inlet;
/~	15_2.22\1.delay fm.pd	#X obj 156 225 /~ 1;
inlet~	15_2.22\1.delay fm.pd	#X obj 189 124 inlet~;
tabwrite~	15_2.22\1.delay fm.pd	#X obj 252 193 tabwrite~ scope;
metro	15_2.22\1.delay fm.pd	#X obj 252 158 metro 100;
inlet	15_2.22\1.delay fm.pd	#X obj 280 121 inlet;
tgl	15_2.22\1.delay fm.pd	#X obj 484 350 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
osc~	15_2.22\2.basic envelope.pd	#X obj -339 108 osc~;
*~	15_2.22\2.basic envelope.pd	#X obj -339 240 *~;
line~	15_2.22\2.basic envelope.pd	#X obj -321 209 line~;
pack	15_2.22\2.basic envelope.pd	#X obj -321 185 pack 0 30;
/	15_2.22\2.basic envelope.pd	#X obj -321 162 / 100;
dac~	15_2.22\2.basic envelope.pd	#X obj -339 387 dac~;
*~	15_2.22\2.basic envelope.pd	#X obj -339 314 *~;
cos~	15_2.22\2.basic envelope.pd	#X obj -339 271 cos~;
vline~	15_2.22\2.basic envelope.pd	#X obj -197 239 vline~;
inlet~	15_2.22\2.basic envelope.pd	#X obj 189 124 inlet~;
tabwrite~	15_2.22\2.basic envelope.pd	#X obj 252 193 tabwrite~ scope;

metro	15_2.22\2.basic envelope.pd	#X obj 252 158 metro 100;
inlet	15_2.22\2.basic envelope.pd	#X obj 280 121 inlet;
tgl	15_2.22\2.basic envelope.pd	#X obj -234 323 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1
*~	15_2.22\2.basic envelope.pd	#X obj -339 353 *~ 0.5;
osc~	15_2.22\3.calculated envelope.pd	#X obj -339 108 osc~;
*~	15_2.22\3.calculated envelope.pd	#X obj -339 240 *~;
line~	15_2.22\3.calculated envelope.pd	#X obj -321 209 line~;
pack	15_2.22\3.calculated envelope.pd	#X obj -321 185 pack 0 30;
/	15_2.22\3.calculated envelope.pd	#X obj -321 162 / 100;
line	15_2.22\3.calculated envelope.pd	#X obj 62 457 line 0 1;
dac~	15_2.22\3.calculated envelope.pd	#X obj -339 386 dac~;
*~	15_2.22\3.calculated envelope.pd	#X obj -339 314 *~;
tabwrite	15_2.22\3.calculated envelope.pd	#X obj 62 540 tabwrite envelope;
tabread	15_2.22\3.calculated envelope.pd	#X obj -166 251 tabread envelope;
line	15_2.22\3.calculated envelope.pd	#X obj -166 221 line 0 1;
delay	15_2.22\3.calculated envelope.pd	#X obj -88 166 delay 250;
bng	15_2.22\3.calculated envelope.pd	#X obj -166 119 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
sig~	15_2.22\3.calculated envelope.pd	#X obj -166 276 sig~;
cos~	15_2.22\3.calculated envelope.pd	#X obj -339 271 cos~;
line	15_2.22\3.calculated envelope.pd	#X obj 63 230 line 0 1;
tabwrite	15_2.22\3.calculated envelope.pd	#X obj 63 305 tabwrite envelope;
t	15_2.22\3.calculated envelope.pd	#X obj 63 375 t b b;
t	15_2.22\3.calculated envelope.pd	#X obj 63 153 t b b;
bng	15_2.22\3.calculated envelope.pd	#X obj 63 345 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
bng	15_2.22\3.calculated envelope.pd	#X obj 63 124 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
inlet~	15_2.22\3.calculated envelope.pd	#X obj 189 124 inlet~;
tabwrite~	15_2.22\3.calculated envelope.pd	#X obj 252 193 tabwrite~ scope;
metro	15_2.22\3.calculated envelope.pd	#X obj 252 158 metro 100;
inlet	15_2.22\3.calculated envelope.pd	#X obj 280 121 inlet;
tgl	15_2.22\3.calculated envelope.pd	#X obj -236 327 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1
*~	15_2.22\3.calculated envelope.pd	#X obj -339 357 *~ 0.5;
expr	15_2.22\3.calculated envelope.pd	#X obj 62 494 expr 1 - ( ( cos ( \$f1 / 8192 ) * 6.28318 ) + 1 ) /
expr	15_2.22\3.calculated envelope.pd	#X obj 63 270 expr 1 - sqrt( \$f1 / 8192 );
osc~	15_2.22\4.chowning.pd	#X obj 96 280 osc~;
osc~	15_2.22\4.chowning.pd	#X obj 186 248 osc~;
+~	15_2.22\4.chowning.pd	#X obj 96 341 +~;
*~	15_2.22\4.chowning.pd	#X obj 186 304 *~;
vline~	15_2.22\4.chowning.pd	#X obj 234 246 vline~;



*~	15_2.22\4.chowning.pd	#X obj 96 421 *~;
vline~	15_2.22\4.chowning.pd	#X obj 134 379 vline~;
cos~	15_2.22\4.chowning.pd	#X obj 96 379 cos~;
r	15_2.22\4.chowning.pd	#X obj 134 341 r carrier_env;
r	15_2.22\4.chowning.pd	#X obj 234 218 r modulator_env;
s	15_2.22\4.chowning.pd	#X obj 437 305 s carrier_env;
s	15_2.22\4.chowning.pd	#X obj 534 305 s modulator_env;
*~	15_2.22\4.chowning.pd	#X obj 96 497 *~ 0.5;
dac~	15_2.22\4.chowning.pd	#X obj 96 535 dac~;
block~	15_2.22\4.chowning.pd	#X obj 209 88 block~ 2048;
rfft~	15_2.22\4.chowning.pd	#X obj 156 120 rfft~;
*~	15_2.22\4.chowning.pd	#X obj 156 157 *~;
*~	15_2.22\4.chowning.pd	#X obj 188 157 *~;
+~	15_2.22\4.chowning.pd	#X obj 156 191 +~;
tabwrite~	15_2.22\4.chowning.pd	#X obj 156 262 tabwrite~ spectrum;
inlet~	15_2.22\4.chowning.pd	#X obj 156 88 inlet~;
metro	15_2.22\4.chowning.pd	#X obj 297 138 metro 100;
inlet	15_2.22\4.chowning.pd	#X obj 297 88 inlet;
/~	15_2.22\4.chowning.pd	#X obj 156 225 /~ 64;
inlet~	15_2.22\4.chowning.pd	#X obj 189 124 inlet~;
tabwrite~	15_2.22\4.chowning.pd	#X obj 252 193 tabwrite~ scope;
metro	15_2.22\4.chowning.pd	#X obj 252 158 metro 100;
inlet	15_2.22\4.chowning.pd	#X obj 280 121 inlet;
tgl	15_2.22\4.chowning.pd	#X obj 269 468 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
r	15_2.22\4.chowning.pd	#X obj 437 143 r note;
qlist	15_2.22\4.chowning.pd	#X obj 539 70 qlist;
bng	15_2.22\4.chowning.pd	#X obj 517 16 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144 -1
mtof	15_2.22\4.chowning.pd	#X obj 96 152 mtof;
r	15_2.22\4.chowning.pd	#X obj 186 126 r modulator;
r	15_2.22\4.chowning.pd	#X obj 96 125 r pitch;
r	15_2.22\4.chowning.pd	#X obj 26 125 r carrier;
/	15_2.22\4.chowning.pd	#X obj 139 172 / 50;
delwrite~	16_2.24\1.new-objects.pd	#X obj 59 97 delwrite~;
delread~	16_2.24\1.new-objects.pd	#X obj 59 129 delread~;
vd~	16_2.24\1.new-objects.pd	#X obj 60 163 vd~;
noise~	16_2.24\1.new-objects.pd	#X obj 58 203 noise~;
lop~	16_2.24\1.new-objects.pd	#X obj 60 240 lop~;
output~	16_2.24\2.delay-read-write.pd	#X obj 58 313 output~;

adc~	16_2.24\2.delay-read-write.pd	#X obj 58 70 adc~;
delwrite~	16_2.24\2.delay-read-write.pd	#X obj 58 98 delwrite~ delay1 5000;
delread~	16_2.24\2.delay-read-write.pd	#X obj 59 274 delread~ delay1;
output~	16_2.24\2.delay-read-write.pd	#X obj 271 318 output~;
delread~	16_2.24\2.delay-read-write.pd	#X obj 328 280 delread~ delay1;
output~	16_2.24\3.delay-recirculate.pd	#X obj 43 364 output~;
adc~	16_2.24\3.delay-recirculate.pd	#X obj 250 112 adc~;
delwrite~	16_2.24\3.delay-recirculate.pd	#X obj 106 278 delwrite~ delay1 5000;
delread~	16_2.24\3.delay-recirculate.pd	#X obj 43 322 delread~ delay1;
*~	16_2.24\3.delay-recirculate.pd	#X obj 251 141 *~;
+~	16_2.24\3.delay-recirculate.pd	#X obj 105 245 +~;
*~	16_2.24\3.delay-recirculate.pd	#X obj 106 170 *~;
tgl	16_2.24\3.delay-recirculate.pd	#X obj 131 142 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
tgl	16_2.24\3.delay-recirculate.pd	#X obj 303 145 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
*~	16_2.24\3.delay-recirculate.pd	#X obj 351 197 *~;
tgl	16_2.24\3.delay-recirculate.pd	#X obj 403 201 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
*~	16_2.24\3.delay-recirculate.pd	#X obj 351 165 *~ 0.1;
output~	16_2.24\3.delay-recirculate.pd	#X obj 351 275 output~;
osc~	16_2.24\3.delay-recirculate.pd	#X obj 351 137 osc~ 500;
+~	16_2.24\3.delay-recirculate.pd	#X obj 351 230 +~;
*~	16_2.24\3.delay-recirculate.pd	#X obj 510 180 *~;
tgl	16_2.24\3.delay-recirculate.pd	#X obj 562 184 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
*~	16_2.24\3.delay-recirculate.pd	#X obj 510 148 *~ 0.1;
noise~	16_2.24\3.delay-recirculate.pd	#X obj 510 120 noise~;
mtof	16_2.24\3.delay-recirculate.pd	#X obj 256 525 mtof;
/	16_2.24\3.delay-recirculate.pd	#X obj 283 639 /;
t	16_2.24\3.delay-recirculate.pd	#X obj 262 579 t b f;
r	16_2.24\3.delay-recirculate.pd	#X obj 19 222 r msec;
s	16_2.24\3.delay-recirculate.pd	#X obj 283 667 s msec;
output~	16_2.24\4.delay-gain-recirculate.pd	#X obj 124 314 output~;
adc~	16_2.24\4.delay-gain-recirculate.pd	#X obj 321 216 adc~;
delwrite~	16_2.24\4.delay-gain-recirculate.pd	#X obj 103 376 delwrite~ delay1 5000;
delread~	16_2.24\4.delay-gain-recirculate.pd	#X obj 39 411 delread~ delay1;
*~	16_2.24\4.delay-gain-recirculate.pd	#X obj 322 245 *~;
+~	16_2.24\4.delay-gain-recirculate.pd	#X obj 104 281 +~;
*~	16_2.24\4.delay-gain-recirculate.pd	#X obj 103 251 *~;
tgl	16_2.24\4.delay-gain-recirculate.pd	#X obj 374 249 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
*~	16_2.24\4.delay-gain-recirculate.pd	#X obj 401 253 *~;

tgl	16_2.24\4.delay-gain-recirculate.pd	#X obj 453 257 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
*~	16_2.24\4.delay-gain-recirculate.pd	#X obj 401 221 *~ 0.1;
osc~	16_2.24\4.delay-gain-recirculate.pd	#X obj 401 193 osc~ 500;
+~	16_2.24\4.delay-gain-recirculate.pd	#X obj 401 286 +~;
*~	16_2.24\4.delay-gain-recirculate.pd	#X obj 501 254 *~;
tgl	16_2.24\4.delay-gain-recirculate.pd	#X obj 553 258 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
*~	16_2.24\4.delay-gain-recirculate.pd	#X obj 501 222 *~ 0.1;
noise~	16_2.24\4.delay-gain-recirculate.pd	#X obj 501 194 noise~;
mtof	16_2.24\4.delay-gain-recirculate.pd	#X obj 423 409 mtof;
/	16_2.24\4.delay-gain-recirculate.pd	#X obj 450 523 /;
t	16_2.24\4.delay-gain-recirculate.pd	#X obj 429 463 t b f;
r	16_2.24\4.delay-gain-recirculate.pd	#X obj 38 184 r msec;
s	16_2.24\4.delay-gain-recirculate.pd	#X obj 450 551 s msec;
/	16_2.24\4.delay-gain-recirculate.pd	#X obj 144 241 / 100;
t	16_2.24\output~.pd	#X obj 353 490 t b;
f	16_2.24\output~.pd	#X obj 353 437 f;
f	16_2.24\output~.pd	#X obj 353 515 f;
moses	16_2.24\output~.pd	#X obj 353 467 moses 1;
t	16_2.24\output~.pd	#X obj 467 486 t b f;
moses	16_2.24\output~.pd	#X obj 433 447 moses 1;
dbtorms	16_2.24\output~.pd	#X obj 29 97 dbtorms;
inlet~	16_2.24\output~.pd	#X obj 85 170 inlet~;
line~	16_2.24\output~.pd	#X obj 29 170 line~;
*~	16_2.24\output~.pd	#X obj 64 242 *~;
dac~	16_2.24\output~.pd	#X obj 64 272 dac~;
pack	16_2.24\output~.pd	#X obj 29 127 pack 0 50;
bng	16_2.24\output~.pd	#X obj 350 240 bng 15 250 50 0 empty empty mute -38 7 0 12 -262144
inlet~	16_2.24\output~.pd	#X obj 148 170 inlet~;
*~	16_2.24\output~.pd	#X obj 154 241 *~;
r	16_2.24\output~.pd	#X obj 323 174 r \ \$0-master-lvl;
s	16_2.24\output~.pd	#X obj 353 541 s \ \$0-master-lvl;
s	16_2.24\output~.pd	#X obj 323 279 s \ \$0-master-out;
r	16_2.24\output~.pd	#X obj 29 71 r \ \$0-master-out;
r	16_2.24\output~.pd	#X obj 433 418 r \ \$0-master-out;
hip~	16_2.24\output~.pd	#X obj 85 192 hip~ 3;
hip~	16_2.24\output~.pd	#X obj 147 192 hip~ 3;
delwrite~	17_3.01\1 feedback delay.pd	#X obj 436 258 delwrite~ delay_line 1000;
send~	17_3.01\1 feedback delay.pd	#X obj 411 401 send~ feedback;

receive~	17_3.01\1 feedback delay.pd	#X obj 436 206 receive~ feedback;
*~	17_3.01\1 feedback delay.pd	#X obj 409 325 *~;
/	17_3.01\1 feedback delay.pd	#X obj 361 290 / 100;
dac~	17_3.01\1 feedback delay.pd	#X obj 311 398 dac~;
delread~	17_3.01\1 feedback delay.pd	#X obj 436 295 delread~ delay_line 250;
*~	17_3.01\1 feedback delay.pd	#X obj 252 163 *~;
vline~	17_3.01\1 feedback delay.pd	#X obj 290 134 vline~;
osc~	17_3.01\1 feedback delay.pd	#X obj 251 60 osc~ 220;
send~	17_3.01\2 multimap.pd	#X obj 320 430 send~ feedback;
receive~	17_3.01\2 multimap.pd	#X obj 436 206 receive~ feedback;
*~	17_3.01\2 multimap.pd	#X obj 312 363 *~;
/	17_3.01\2 multimap.pd	#X obj 264 328 / 100;
osc~	17_3.01\2 multimap.pd	#X obj 252 78 osc~ 440;
*~	17_3.01\2 multimap.pd	#X obj 252 163 *~;
dac~	17_3.01\2 multimap.pd	#X obj 513 427 dac~;
vline~	17_3.01\2 multimap.pd	#X obj 279 134 vline~;
delwrite~	17_3.01\2 multimap.pd	#X obj 436 258 delwrite~ dly 1000;
delread~	17_3.01\2 multimap.pd	#X obj 436 292 delread~ dly 250;
delread~	17_3.01\2 multimap.pd	#X obj 605 292 delread~ dly 500;
delread~	17_3.01\2 multimap.pd	#X obj 773 296 delread~ dly 750;
delwrite~	17_3.01\4 envelope.pd	#X obj 436 258 delwrite~ delay_line 1000;
send~	17_3.01\4 envelope.pd	#X obj 420 506 send~ feedback;
receive~	17_3.01\4 envelope.pd	#X obj 436 206 receive~ feedback;
*~	17_3.01\4 envelope.pd	#X obj 409 325 *~;
/	17_3.01\4 envelope.pd	#X obj 361 290 / 100;
dac~	17_3.01\4 envelope.pd	#X obj 311 398 dac~;
loopvox~	17_3.01\4 envelope.pd	#X obj 252 163 loopvox~;
tgl	17_3.01\4 envelope.pd	#X obj 241 117 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
delread~	17_3.01\4 envelope.pd	#X obj 436 295 delread~ delay_line 250;
lop~	17_3.01\4 envelope.pd	#X obj 420 418 lop~;
key	17_3.01\4 envelope.pd	#X obj 232 20 key;
sel	17_3.01\4 envelope.pd	#X obj 243 74 sel 32;
bp~	17_3.01\4 envelope.pd	#X obj 550 426 bp~ 1000 10;
bng	17_3.01\4 envelope.pd	#X obj 172 115 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
t	17_3.01\4 envelope.pd	#X obj 172 148 t b b;
line	17_3.01\4 envelope.pd	#X obj 172 238 line 0 1;
expr	17_3.01\4 envelope.pd	#X obj 166 304 expr 1-((cos((\$f1/8192)*6.28318)+1)/2);

tabwrite	17_3.01\4 envelope.pd	#X obj 166 351 tabwrite envelope;
tgl	17_3.01\5 brassage.pd	#X obj 34 27 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0 1
dac~	17_3.01\5 brassage.pd	#X obj 579 516 dac~;
table	17_3.01\5 brassage.pd	#X obj 33 -5 table envelope 8192;
tabread4~	17_3.01\5 brassage.pd	#X obj 423 232 tabread4~ envelope;
tabread4~	17_3.01\5 brassage.pd	#X obj 611 232 tabread4~ envelope;
phasor~	17_3.01\5 brassage.pd	#X obj 468 65 phasor~;
wrap~	17_3.01\5 brassage.pd	#X obj 607 154 wrap~;
loopvox~	17_3.01\5 brassage.pd	#X obj 34 61 loopvox~;
*~	17_3.01\5 brassage.pd	#X obj 469 376 *~;
*~	17_3.01\5 brassage.pd	#X obj 424 181 *~ 8192;
*~	17_3.01\5 brassage.pd	#X obj 684 356 *~;
+~	17_3.01\5 brassage.pd	#X obj 588 462 +~;
*~	17_3.01\5 brassage.pd	#X obj 606 193 *~ 8912;
+~	17_3.01\5 brassage.pd	#X obj 607 122 +~ 0.5;
delwrite~	17_3.01\5 brassage.pd	#X obj 34 99 delwrite~ delay_line 25;
*~	17_3.01\5 brassage.pd	#X obj 246 269 *~ 25;
vd~	17_3.01\5 brassage.pd	#X obj 246 299 vd~ delay_line 25;
*~	17_3.01\5 brassage.pd	#X obj 821 226 *~ 25;
vd~	17_3.01\5 brassage.pd	#X obj 821 256 vd~ delay_line 25;
/	17_3.01\5 brassage.pd	#X obj 475 -4 / -25;
delwrite~	17_3.01\6 delay reverb.pd	#X obj 172 526 delwrite~ dly1 43;
delwrite~	17_3.01\6 delay reverb.pd	#X obj 259 486 delwrite~ dly2 59;
delwrite~	17_3.01\6 delay reverb.pd	#X obj 326 443 delwrite~ dly3 71;
delwrite~	17_3.01\6 delay reverb.pd	#X obj 391 401 delwrite~ dly4 89;
+~	17_3.01\6 delay reverb.pd	#X obj 155 149 +~;
+~	17_3.01\6 delay reverb.pd	#X obj 203 150 +~;
delread~	17_3.01\6 delay reverb.pd	#X obj 185 39 delread~ dly1 43;
delread~	17_3.01\6 delay reverb.pd	#X obj 231 70 delread~ dly2 59;
+~	17_3.01\6 delay reverb.pd	#X obj 159 243 +~;
+~	17_3.01\6 delay reverb.pd	#X obj 316 243 +~;
~	17_3.01\6 delay reverb.pd	#X obj 202 246 ~;
~	17_3.01\6 delay reverb.pd	#X obj 356 242 ~;
delread~	17_3.01\6 delay reverb.pd	#X obj 319 101 delread~ dly1 71;
delread~	17_3.01\6 delay reverb.pd	#X obj 365 132 delread~ dly2 89;
+~	17_3.01\6 delay reverb.pd	#X obj 157 321 +~;
+~	17_3.01\6 delay reverb.pd	#X obj 212 325 +~;
~	17_3.01\6 delay reverb.pd	#X obj 322 323 ~;

~	17_3.01\6 delay reverb.pd	#X obj 382 319 ~;
*~	17_3.01\6 delay reverb.pd	#X obj 169 390 *~;
*~	17_3.01\6 delay reverb.pd	#X obj 216 389 *~;
*~	17_3.01\6 delay reverb.pd	#X obj 309 383 *~;
*~	17_3.01\6 delay reverb.pd	#X obj 399 372 *~;
/	17_3.01\6 delay reverb.pd	#X obj 550 261 / 200;
dac~	17_3.01\6 delay reverb.pd	#X obj 44 344 dac~;
loopvox~	17_3.01\6 delay reverb.pd	#X obj 45 59 loopvox~;
tgl	17_3.01\6 delay reverb.pd	#X obj 45 16 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0 1
tgl	17_3.01\7 grain delay.pd	#X obj 34 27 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 1 1
dac~	17_3.01\7 grain delay.pd	#X obj 410 538 dac~;
table	17_3.01\7 grain delay.pd	#X obj 33 -5 table envelope 8192;
tabread4~	17_3.01\7 grain delay.pd	#X obj 596 414 tabread4~ envelope;
phasor~	17_3.01\7 grain delay.pd	#X obj 329 155 phasor~;
loopvox~	17_3.01\7 grain delay.pd	#X obj 34 61 loopvox~;
*~	17_3.01\7 grain delay.pd	#X obj 418 476 *~;
*~	17_3.01\7 grain delay.pd	#X obj 597 363 *~ 8192;
samphold~	17_3.01\7 grain delay.pd	#X obj 233 289 samphold~;
noise~	17_3.01\7 grain delay.pd	#X obj 232 182 noise~;
delwrite~	17_3.01\7 grain delay.pd	#X obj 33 100 delwrite~ delay_line 1000;
expr	17_3.01\7 grain delay.pd	#X obj 329 104 expr 1 / ( \$f1 / 1000 );
expr~	17_3.01\7 grain delay.pd	#X obj 220 352 expr~ \$v1 * ( 1000 - \$f2 );
+~	17_3.01\7 grain delay.pd	#X obj 232 224 +~ 1;
/~	17_3.01\7 grain delay.pd	#X obj 234 253 /~ 2;
vd~	17_3.01\7 grain delay.pd	#X obj 411 411 vd~ delay_line;
soundfiler	17_3.01\loopvox~.pd	#X obj 34 151 soundfiler;
phasor~	17_3.01\loopvox~.pd	#X obj 34 235 phasor~;
sig~	17_3.01\loopvox~.pd	#X obj 34 207 sig~;
expr	17_3.01\loopvox~.pd	#X obj 34 179 expr 1 / ( \$f1 / 44100 );
tabread4~	17_3.01\loopvox~.pd	#X obj 34 291 tabread4~ sound_array;
*~	17_3.01\loopvox~.pd	#X obj 34 263 *~;
sig~	17_3.01\loopvox~.pd	#X obj 115 236 sig~;
sel	17_3.01\loopvox~.pd	#X obj 34 61 sel 1;
inlet	17_3.01\loopvox~.pd	#X obj 34 32 inlet;
outlet~	17_3.01\loopvox~.pd	#X obj 34 328 outlet~;
hip~	18_3.03\1.new-objects.pd	#X obj 59 97 hip~;
lop~	18_3.03\1.new-objects.pd	#X obj 59 129 lop~;

bp~	18_3.03\1.new-objects.pd	#X obj 60 164 bp~;
vcf~	18_3.03\1.new-objects.pd	#X obj 60 199 vcf~;
block~	18_3.03\1.new-objects.pd	#X obj 60 240 block~;
f	18_3.03\2.by-the-way-table-sequencer.pd	#X obj 86 127 f;
+	18_3.03\2.by-the-way-table-sequencer.pd	#X obj 125 123 + 1;
mod	18_3.03\2.by-the-way-table-sequencer.pd	#X obj 125 150 mod 8;
metro	18_3.03\2.by-the-way-table-sequencer.pd	#X obj 86 92 metro 150;
tgl	18_3.03\2.by-the-way-table-sequencer.pd	#X obj 87 69 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0 1
tabread	18_3.03\2.by-the-way-table-sequencer.pd	#X obj 86 177 tabread array1;
output~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 194 386 output~;
adc~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 166 202 adc~;
*~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 167 231 *~;
tgl	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 219 235 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
*~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 246 239 *~;
tgl	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 298 243 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
*~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 246 207 *~ 0.1;
osc~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 246 179 osc~ 500;
+~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 246 272 +~;
*~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 346 240 *~;
tgl	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 398 244 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0

*~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 346 208 *~ 0.1;
noise~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 346 180 noise~;
mtof	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 423 409 mtof;
/	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 450 523 /;
t	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 429 463 t b f;
s	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 450 551 s msec;
/	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 463 296 / 100;
delwrite~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 119 208 delwrite~ delay1 5000;
delread~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 117 115 delread~ delay1;
+~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 119 175 +~;
*~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 118 145 *~;
r	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 115 58 r msec;
outlet~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 26 216 outlet~;
inlet	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 254 149 inlet;
inlet~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 165 176 inlet~;
block~	18_3.03\3.delay-gain-recirculate-revisited.pd	#X obj 274 71 block~ 1;
output~	18_3.03\4.filter-menagerie.pd	#X obj 127 407 output~;
adc~	18_3.03\4.filter-menagerie.pd	#X obj 11 197 adc~;
*~	18_3.03\4.filter-menagerie.pd	#X obj 12 226 *~;
tgl	18_3.03\4.filter-menagerie.pd	#X obj 50 229 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
*~	18_3.03\4.filter-menagerie.pd	#X obj 91 234 *~;
tgl	18_3.03\4.filter-menagerie.pd	#X obj 128 236 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
*~	18_3.03\4.filter-menagerie.pd	#X obj 91 202 *~ 0.1;



osc~	18_3.03\4.filter-menagerie.pd	#X obj 91 174 osc~ 500;
+~	18_3.03\4.filter-menagerie.pd	#X obj 165 274 +~;
*~	18_3.03\4.filter-menagerie.pd	#X obj 191 235 *~;
tgl	18_3.03\4.filter-menagerie.pd	#X obj 229 234 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
*~	18_3.03\4.filter-menagerie.pd	#X obj 191 203 *~ 0.1;
noise~	18_3.03\4.filter-menagerie.pd	#X obj 191 175 noise~;
mtof	18_3.03\4.filter-menagerie.pd	#X obj 169 359 mtof;
lop~	18_3.03\4.filter-menagerie.pd	#X obj 126 379 lop~;
output~	18_3.03\4.filter-menagerie.pd	#X obj 4 358 output~;
output~	18_3.03\4.filter-menagerie.pd	#X obj 248 409 output~;
output~	18_3.03\4.filter-menagerie.pd	#X obj 407 403 output~;
hip~	18_3.03\4.filter-menagerie.pd	#X obj 250 376 hip~;
bp~	18_3.03\4.filter-menagerie.pd	#X obj 408 341 bp~;
+	18_3.03\4.filter-menagerie.pd	#X obj 454 373 + 1;
*~	18_3.03\4.filter-menagerie.pd	#X obj 408 374 *~;
table	18_3.03\4.filter-menagerie.pd	#X obj 307 66 table foo 10;
tabplay~	18_3.03\4.filter-menagerie.pd	#X obj 271 234 tabplay~ foo;
bng	18_3.03\4.filter-menagerie.pd	#X obj 273 216 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
mtof	18_3.03\4.filter-menagerie.pd	#X obj 290 353 mtof;
mtof	18_3.03\4.filter-menagerie.pd	#X obj 428 270 mtof;
adc~	18_3.03\5.delay-recirculate-complex.pd	#X obj 321 216 adc~;
*~	18_3.03\5.delay-recirculate-complex.pd	#X obj 322 245 *~;
tgl	18_3.03\5.delay-recirculate-complex.pd	#X obj 374 249 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
*~	18_3.03\5.delay-recirculate-complex.pd	#X obj 401 253 *~;
tgl	18_3.03\5.delay-recirculate-complex.pd	#X obj 453 257 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
*~	18_3.03\5.delay-recirculate-complex.pd	#X obj 401 221 *~ 0.1;
osc~	18_3.03\5.delay-recirculate-complex.pd	#X obj 401 193 osc~ 500;
+~	18_3.03\5.delay-recirculate-complex.pd	#X obj 401 286 +~;
*~	18_3.03\5.delay-recirculate-complex.pd	#X obj 501 254 *~;

tgl	18_3.03\5.delay-recirculate-complex.pd	#X obj 553 258 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 1
*~	18_3.03\5.delay-recirculate-complex.pd	#X obj 501 222 *~ 0.1;
noise~	18_3.03\5.delay-recirculate-complex.pd	#X obj 501 194 noise~;
mtof	18_3.03\5.delay-recirculate-complex.pd	#X obj 520 352 mtof;
r	18_3.03\5.delay-recirculate-complex.pd	#X obj 38 184 r msec;
s	18_3.03\5.delay-recirculate-complex.pd	#X obj 450 551 s msec;
/	18_3.03\5.delay-recirculate-complex.pd	#X obj 144 241 / 100;
+~	18_3.03\5.delay-recirculate-complex.pd	#X obj 25 223 +~;
*~	18_3.03\5.delay-recirculate-complex.pd	#X obj 25 144 *~;
inlet~	18_3.03\5.delay-recirculate-complex.pd	#X obj 66 225 inlet~;
outlet~	18_3.03\5.delay-recirculate-complex.pd	#X obj 11 288 outlet~;
delread~	18_3.03\5.delay-recirculate-complex.pd	#X obj 21 41 delread~ delay-real;
delwrite~	18_3.03\5.delay-recirculate-complex.pd	#X obj 24 257 delwrite~ delay-real 1;
block~	18_3.03\5.delay-recirculate-complex.pd	#X obj 123 11 block~ 1;
delread~	18_3.03\5.delay-recirculate-complex.pd	#X obj 230 42 delread~ delay-im;
delwrite~	18_3.03\5.delay-recirculate-complex.pd	#X obj 266 258 delwrite~ delay-im 1;
inlet	18_3.03\5.delay-recirculate-complex.pd	#X obj 399 81 inlet;
inlet	18_3.03\5.delay-recirculate-complex.pd	#X obj 455 83 inlet;
*~	18_3.03\5.delay-recirculate-complex.pd	#X obj 74 149 *~;
~	18_3.03\5.delay-recirculate-complex.pd	#X obj 25 175 ~;

*~	18_3.03\5.delay-recirculate-complex.pd	#X obj 177 154 *~;
*~	18_3.03\5.delay-recirculate-complex.pd	#X obj 226 159 *~;
+~	18_3.03\5.delay-recirculate-complex.pd	#X obj 177 185 +~;
outlet~	18_3.03\5.delay-recirculate-complex.pd	#X obj 179 286 outlet~;
output~	18_3.03\5.delay-recirculate-complex.pd	#X obj 39 455 output~;
expr	18_3.03\5.delay-recirculate-complex.pd	#X obj 217 435 expr \$f1 * cos(\$f2);
expr	18_3.03\5.delay-recirculate-complex.pd	#X obj 247 465 expr \$f1 * sin(\$f2);
*	18_3.03\5.delay-recirculate-complex.pd	#X obj 515 413 * 6.283;
/	18_3.03\5.delay-recirculate-complex.pd	#X obj 515 445 / 44100;
t	18_3.03\5.delay-recirculate-complex.pd	#X obj 283 378 t b f;
output~	18_3.03\5.delay-recirculate-complex.pd	#X obj 118 456 output~;
t	18_3.03\output~.pd	#X obj 353 490 t b;
f	18_3.03\output~.pd	#X obj 353 437 f;
f	18_3.03\output~.pd	#X obj 353 515 f;
moses	18_3.03\output~.pd	#X obj 353 467 moses 1;
t	18_3.03\output~.pd	#X obj 467 486 t b f;
moses	18_3.03\output~.pd	#X obj 433 447 moses 1;
dbtorms	18_3.03\output~.pd	#X obj 29 97 dbtorms;
inlet~	18_3.03\output~.pd	#X obj 85 170 inlet~;
line~	18_3.03\output~.pd	#X obj 29 170 line~;
*~	18_3.03\output~.pd	#X obj 64 242 *~;
dac~	18_3.03\output~.pd	#X obj 64 272 dac~;
pack	18_3.03\output~.pd	#X obj 29 127 pack 0 50;
bng	18_3.03\output~.pd	#X obj 350 240 bng 15 250 50 0 empty empty mute -38 7 0 12 -262144
inlet~	18_3.03\output~.pd	#X obj 148 170 inlet~;
*~	18_3.03\output~.pd	#X obj 154 241 *~;
r	18_3.03\output~.pd	#X obj 323 174 r \\${0-master-lvl};
s	18_3.03\output~.pd	#X obj 353 541 s \\${0-master-lvl};

s	18_3.03\output~.pd	#X obj 323 279 s \\${0-master-out};
r	18_3.03\output~.pd	#X obj 29 71 r \\${0-master-out};
r	18_3.03\output~.pd	#X obj 433 418 r \\${0-master-out};
hip~	18_3.03\output~.pd	#X obj 85 192 hip~ 3;
hip~	18_3.03\output~.pd	#X obj 147 192 hip~ 3;
output~	19_3.08\1.delay-inverse.pd	#X obj 161 533 output~;
adc~	19_3.08\1.delay-inverse.pd	#X obj 51 172 adc~;
*~	19_3.08\1.delay-inverse.pd	#X obj 52 201 *~;
tgl	19_3.08\1.delay-inverse.pd	#X obj 86 203 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
*~	19_3.08\1.delay-inverse.pd	#X obj 111 204 *~;
tgl	19_3.08\1.delay-inverse.pd	#X obj 145 204 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 0
*~	19_3.08\1.delay-inverse.pd	#X obj 111 181 *~ 0.1;
osc~	19_3.08\1.delay-inverse.pd	#X obj 111 158 osc~ 500;
+~	19_3.08\1.delay-inverse.pd	#X obj 111 237 +~;
*~	19_3.08\1.delay-inverse.pd	#X obj 180 205 *~;
tgl	19_3.08\1.delay-inverse.pd	#X obj 214 206 tgl 15 0 empty empty empty 17 7 0 10 -262144 -1 -1 1
*~	19_3.08\1.delay-inverse.pd	#X obj 180 181 *~ 0.1;
noise~	19_3.08\1.delay-inverse.pd	#X obj 180 158 noise~;
delwrite~	19_3.08\1.delay-inverse.pd	#X obj 206 436 delwrite~ del1 10000;
delread~	19_3.08\1.delay-inverse.pd	#X obj 208 462 delread~ del1 200;
*~	19_3.08\1.delay-inverse.pd	#X obj 207 489 *~;
/	19_3.08\1.delay-inverse.pd	#X obj 246 490 / 100;
+~	19_3.08\1.delay-inverse.pd	#X obj 160 491 +~;
*~	19_3.08\1.delay-inverse.pd	#X obj 174 338 *~;
/	19_3.08\1.delay-inverse.pd	#X obj 211 339 / 100;
delwrite~	19_3.08\1.delay-inverse.pd	#X obj 171 270 delwrite~ del2 10000;
delread~	19_3.08\1.delay-inverse.pd	#X obj 173 296 delread~ del2 200;
*	19_3.08\1.delay-inverse.pd	#X obj 522 339 * -1;
+~	19_3.08\1.delay-inverse.pd	#X obj 112 284 +~;
output~	19_3.08\1.delay-inverse.pd	#X obj 43 357 output~;
+~	19_3.08\1.delay-inverse.pd	#X obj 159 439 +~;
gemwin	19_3.08\2.gem.intro.pd	#X obj 36 240 gemwin;
rectangle	19_3.08\2.gem.intro.pd	#X obj 180 385 rectangle 1 2;
gemhead	19_3.08\2.gem.intro.pd	#X obj 179 119 gemhead;
colorRGB	19_3.08\2.gem.intro.pd	#X obj 179 164 colorRGB;
translateXYZ	19_3.08\2.gem.intro.pd	#X obj 181 212 translateXYZ;
rotateXYZ	19_3.08\2.gem.intro.pd	#X obj 177 259 rotateXYZ;
rectangle	19_3.08\2.gem.intro.pd	#X obj 337 385 rectangle 1 2;

gemhead	19_3.08\2.gem.intro.pd	#X obj 339 123 gemhead;
colorRGB	19_3.08\2.gem.intro.pd	#X obj 339 168 colorRGB;
translateXYZ	19_3.08\2.gem.intro.pd	#X obj 341 216 translateXYZ;
rotateXYZ	19_3.08\2.gem.intro.pd	#X obj 337 263 rotateXYZ;
pix_texture	19_3.08\2.gem.intro.pd	#X obj 179 333 pix_texture;
pix_image	19_3.08\2.gem.intro.pd	#X obj 177 309 pix_image;
t	19_3.08\output~.pd	#X obj 353 490 t b;
f	19_3.08\output~.pd	#X obj 353 437 f;
f	19_3.08\output~.pd	#X obj 353 515 f;
moses	19_3.08\output~.pd	#X obj 353 467 moses 1;
t	19_3.08\output~.pd	#X obj 467 486 t b f;
moses	19_3.08\output~.pd	#X obj 433 447 moses 1;
dbtorms	19_3.08\output~.pd	#X obj 29 97 dbtorms;
inlet~	19_3.08\output~.pd	#X obj 85 170 inlet~;
line~	19_3.08\output~.pd	#X obj 29 170 line~;
*~	19_3.08\output~.pd	#X obj 64 242 *~;
dac~	19_3.08\output~.pd	#X obj 64 272 dac~;
pack	19_3.08\output~.pd	#X obj 29 127 pack 0 50;
bng	19_3.08\output~.pd	#X obj 350 240 bng 15 250 50 0 empty empty mute -38 7 0 12 -262144
inlet~	19_3.08\output~.pd	#X obj 148 170 inlet~;
*~	19_3.08\output~.pd	#X obj 154 241 *~;
r	19_3.08\output~.pd	#X obj 323 174 r \\${0}-master-lvl;
s	19_3.08\output~.pd	#X obj 353 541 s \\${0}-master-lvl;
s	19_3.08\output~.pd	#X obj 323 279 s \\${0}-master-out;
r	19_3.08\output~.pd	#X obj 29 71 r \\${0}-master-out;
r	19_3.08\output~.pd	#X obj 433 418 r \\${0}-master-out;
hip~	19_3.08\output~.pd	#X obj 85 192 hip~ 3;
hip~	19_3.08\output~.pd	#X obj 147 192 hip~ 3;
r	20_3.10\0.bird.pd	#X obj 61 41 r gemwin;
gemwin	20_3.10\0.bird.pd	#X obj 61 70 gemwin;
rect10	20_3.10\0.bird.pd	#X obj 6 118 rect10 array1 array2 20;
rect10	20_3.10\0.bird.pd	#X obj 6 139 rect10 array1 array2 30;
rect10	20_3.10\0.bird.pd	#X obj 6 161 rect10 array1 array2 40;
s	20_3.10\0.bird.pd	#X obj 313 165 s doit;
metro	20_3.10\0.bird.pd	#X obj 315 116 metro 200;
bng	20_3.10\0.bird.pd	#X obj 313 140 bng 15 250 50 0 empty empty empty 0 -6 0 8 -262144 -1
tgl	20_3.10\0.bird.pd	#X obj 315 94 tgl 15 0 empty empty empty 0 -6 0 8 -262144 -1 -1 0 1
rect10	20_3.10\0.bird.pd	#X obj 8 94 rect10 array1 array2 10;

rect10	20_3.10\0.bird.pd	#X obj 5 185 rect10 array1 array2 50;
rect10	20_3.10\0.bird.pd	#X obj 7 207 rect10 array1 array2 60;
rect10	20_3.10\0.bird.pd	#X obj 7 230 rect10 array1 array2 70;
rect10	20_3.10\0.bird.pd	#X obj 7 249 rect10 array1 array2 80;
rect10	20_3.10\0.bird.pd	#X obj 5 270 rect10 array1 array2 90;
gemhead	20_3.10\0.bird.pd	#X obj 284 228 gemhead;
polygon	20_3.10\0.bird.pd	#X obj 284 372 polygon 4;
colorRGB	20_3.10\0.bird.pd	#X obj 285 251 colorRGB 0.6 0.3 0.3;
loadbang	20_3.10\0.bird.pd	#X obj 140 22 loadbang;
loadbang	20_3.10\0.bird.pd	#X obj 420 279 loadbang;
loadbang	20_3.10\0.bird.pd	#X obj 624 210 loadbang;
polygon	20_3.10\0.bird.pd	#X obj 484 397 polygon 6;
gemhead	20_3.10\0.bird.pd	#X obj 477 122 gemhead -10;
colorRGB	20_3.10\0.bird.pd	#X obj 478 145 colorRGB 0.9 0.9 0.5;
translateXYZ	20_3.10\0.bird.pd	#X obj 480 175 translateXYZ 1.73 1.62 0;
loadbang	20_3.10\0.bird.pd	#X obj 850 205 loadbang;
polygon	20_3.10\0.bird.pd	#X obj 710 392 polygon 6;
gemhead	20_3.10\0.bird.pd	#X obj 703 117 gemhead -10;
colorRGB	20_3.10\0.bird.pd	#X obj 704 140 colorRGB 0.9 0.9 0.5;
translateXYZ	20_3.10\0.bird.pd	#X obj 706 170 translateXYZ 2.08 1.62 0;
gemhead	20_3.10\0.bird.pd	#X obj 44 66 gemhead;
polygon	20_3.10\0.bird.pd	#X obj 140 362 polygon 3;
colorRGB	20_3.10\0.bird.pd	#X obj 43 97 colorRGB 1 1 1;
t	20_3.10\0.bird.pd	#X obj 287 296 t b f;
pack	20_3.10\0.bird.pd	#X obj 189 290 pack 0 -0.1 0;
loadbang	20_3.10\0.bird.pd	#X obj 122 282 loadbang;
loadbang	20_3.10\0.bird.pd	#X obj 211 16 loadbang;
*	20_3.10\0.bird.pd	#X obj 195 263 * -1;
gemhead	20_3.10\0.bird.pd	#X obj 436 38 gemhead;
polygon	20_3.10\0.bird.pd	#X obj 393 357 polygon 3;
colorRGB	20_3.10\0.bird.pd	#X obj 435 69 colorRGB 1 1 1;
t	20_3.10\0.bird.pd	#X obj 577 289 t b f;
pack	20_3.10\0.bird.pd	#X obj 479 287 pack 0 -0.1 0;
loadbang	20_3.10\0.bird.pd	#X obj 412 286 loadbang;
gemhead	20_3.10\0.bird.pd	#X obj 700 76 gemhead;
polygon	20_3.10\0.bird.pd	#X obj 661 363 polygon 3;
pack	20_3.10\0.bird.pd	#X obj 844 321 pack 0 0 0.2;
t	20_3.10\0.bird.pd	#X obj 845 295 t b f;
pack	20_3.10\0.bird.pd	#X obj 747 293 pack 0 -0.1 0;
*	20_3.10\0.bird.pd	#X obj 746 268 * -1;

pack	20_3.10\0.bird.pd	#X obj 694 315 pack 0 -0.1 0;
colorRGB	20_3.10\0.bird.pd	#X obj 699 106 colorRGB 0.6 0.6 0.6;
r	20_3.10\0.bird.pd	#X obj 587 55 r h;
r	20_3.10\0.bird.pd	#X obj 255 181 r w;
*	20_3.10\0.bird.pd	#X obj 632 68 * -1;
translateXYZ	20_3.10\0.bird.pd	#X obj 40 129 translateXYZ 1.95 1.56 0;
translateXYZ	20_3.10\0.bird.pd	#X obj 431 164 translateXYZ 1.95 1.56 0;
translateXYZ	20_3.10\0.bird.pd	#X obj 700 170 translateXYZ 1.95 1.56 0;
-	20_3.10\0.bird.pd	#X obj 588 81 - 0.5;
-	20_3.10\0.bird.pd	#X obj 633 92 - 0.5;
pack	20_3.10\0.bird.pd	#X obj 287 322 pack 0 0 0.2;
pack	20_3.10\0.bird.pd	#X obj 576 315 pack 0 0 0.2;
loadbang	20_3.10\0.bird.pd	#X obj 662 39 loadbang;
loadbang	20_3.10\0.bird.pd	#X obj 841 43 loadbang;
r~	20_3.10\0.bird.pd	#X obj 77 40 r~ audio-in;
s	20_3.10\0.bird.pd	#X obj 69 257 s h;
s	20_3.10\0.bird.pd	#X obj 201 299 s w;
-	20_3.10\0.bird.pd	#X obj 71 125 - 30;
max	20_3.10\0.bird.pd	#X obj 68 149 max 0;
f	20_3.10\0.bird.pd	#X obj 301 129 f;
pack	20_3.10\0.bird.pd	#X obj 319 167 pack;
t	20_3.10\0.bird.pd	#X obj 301 106 t b f;
route	20_3.10\0.bird.pd	#X obj 319 191 route 0 1;
<	20_3.10\0.bird.pd	#X obj 358 228 < 50;
>	20_3.10\0.bird.pd	#X obj 322 226 > 65;
sel	20_3.10\0.bird.pd	#X obj 316 254 sel 1;
sel	20_3.10\0.bird.pd	#X obj 360 256 sel 1;
	0 20_3.10\0.bird.pd	#X obj 361 279 0;
	1 20_3.10\0.bird.pd	#X obj 315 277 1;
random	20_3.10\0.bird.pd	#X obj 184 175 random 50;
expr	20_3.10\0.bird.pd	#X obj 169 236 expr 0.1+0.5*\$f1*\$f1;
/	20_3.10\0.bird.pd	#X obj 179 206 / 50;
expr	20_3.10\0.bird.pd	#X obj 24 180 expr \$f1*\$f1*0.0005;
bng	20_3.10\0.bird.pd	#X obj 318 320 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
bng	20_3.10\0.bird.pd	#X obj 357 316 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
env~	20_3.10\0.bird.pd	#X obj 76 63 env~ 4096;
loadbang	20_3.10\0.bird.pd	#X obj 403 129 loadbang;
gemhead	20_3.10\0.bird.pd	#X obj 72 291 gemhead;
polygon	20_3.10\0.bird.pd	#X obj 72 435 polygon 4;
loadbang	20_3.10\0.bird.pd	#X obj 208 342 loadbang;

colorRGB	20_3.10\0.bird.pd	#X obj 73 314 colorRGB 0.6 0.9 0.9;
dbtorms	20_3.10\0.bird.pd	#X obj 416 149 dbtorms;
*~	20_3.10\0.bird.pd	#X obj 400 174 *~;
s~	20_3.10\0.bird.pd	#X obj 403 258 s~ audio-in;
adc~	20_3.10\0.bird.pd	#X obj 400 79 adc~;
hip~	20_3.10\0.bird.pd	#X obj 399 103 hip~ 3;
+~	20_3.10\0.bird.pd	#X obj 401 196 +~;
inlet~	20_3.10\0.bird.pd	#X obj 108 79 inlet~;
loadbang	20_3.10\0.bird.pd	#X obj 35 219 loadbang;
vsl	20_3.10\1.glorious.mess.pd	#X obj 608 307 vsl 15 128 0 127 0 0 empty empty empty 0 -9 0 10 -262144
env~	20_3.10\1.glorious.mess.pd	#X obj 608 279 env~ 512;
sigmund~	20_3.10\1.glorious.mess.pd	#X obj 124 135 sigmund~;
adc~	20_3.10\1.glorious.mess.pd	#X obj 114 112 adc~;
osc~	20_3.10\1.glorious.mess.pd	#X obj 125 238 osc~;
+~	20_3.10\1.glorious.mess.pd	#X obj 126 260 +~ 0.2;
cos~	20_3.10\1.glorious.mess.pd	#X obj 126 284 cos~;
*~	20_3.10\1.glorious.mess.pd	#X obj 125 313 *~;
line~	20_3.10\1.glorious.mess.pd	#X obj 181 309 line~;
mtof	20_3.10\1.glorious.mess.pd	#X obj 125 161 mtof;
moses	20_3.10\1.glorious.mess.pd	#X obj 124 186 moses 20;
dbtorms	20_3.10\1.glorious.mess.pd	#X obj 190 193 dbtorms;
pack	20_3.10\1.glorious.mess.pd	#X obj 175 279 pack 0 12;
output~	20_3.10\1.glorious.mess.pd	#X obj 121 338 output~;
adc~	20_3.10\1.glorious.mess.pd	#X obj 399 111 adc~;
bonk~	20_3.10\1.glorious.mess.pd	#X obj 397 168 bonk~;
*~	20_3.10\1.glorious.mess.pd	#X obj 400 132 *~ 0.03;
bng	20_3.10\1.glorious.mess.pd	#X obj 399 191 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
timer	20_3.10\1.glorious.mess.pd	#X obj 403 241 timer;
t	20_3.10\1.glorious.mess.pd	#X obj 402 214 t b b;
t	20_3.10\1.glorious.mess.pd	#X obj 384 281 t b f;
metro	20_3.10\1.glorious.mess.pd	#X obj 396 324 metro;
bng	20_3.10\1.glorious.mess.pd	#X obj 397 348 bng 15 250 50 0 empty empty empty 17 7 0 10 -262144
table	20_3.10\1.glorious.mess.pd	#X obj 458 353 table foo 441000;
tabwrite~	20_3.10\1.glorious.mess.pd	#X obj 448 209 tabwrite~ foo;
tabplay~	20_3.10\1.glorious.mess.pd	#X obj 396 378 tabplay~ foo;
output~	20_3.10\1.glorious.mess.pd	#X obj 396 403 output~;
*~	20_3.10\1.glorious.mess.pd	#X obj 36 259 *~;
output~	20_3.10\1.glorious.mess.pd	#X obj 15 322 output~;
osc~	20_3.10\1.glorious.mess.pd	#X obj 20 214 osc~;



*	20_3.10\1.glorious.mess.pd	#X obj 20 172 * 0.5;
+~	20_3.10\1.glorious.mess.pd	#X obj 50 288 +~;
adc~	20_3.10\1.glorious.mess.pd	#X obj 607 255 adc~;
writesf~	20_3.10\2.record.pd	#X obj 103 194 writesf~;
adc~	20_3.10\2.record.pd	#X obj 104 107 adc~;
t	20_3.10\output~.pd	#X obj 353 490 t b;
f	20_3.10\output~.pd	#X obj 353 437 f;
f	20_3.10\output~.pd	#X obj 353 515 f;
moses	20_3.10\output~.pd	#X obj 353 467 moses 1;
t	20_3.10\output~.pd	#X obj 467 486 t b f;
moses	20_3.10\output~.pd	#X obj 433 447 moses 1;
dbtorms	20_3.10\output~.pd	#X obj 29 97 dbtorms;
inlet~	20_3.10\output~.pd	#X obj 85 170 inlet~;
line~	20_3.10\output~.pd	#X obj 29 170 line~;
*~	20_3.10\output~.pd	#X obj 64 242 *~;
dac~	20_3.10\output~.pd	#X obj 64 272 dac~;
pack	20_3.10\output~.pd	#X obj 29 127 pack 0 50;
bng	20_3.10\output~.pd	#X obj 350 240 bng 15 250 50 0 empty empty mute -38 7 0 12 -262144
inlet~	20_3.10\output~.pd	#X obj 148 170 inlet~;
*~	20_3.10\output~.pd	#X obj 154 241 *~;
r	20_3.10\output~.pd	#X obj 323 174 r \ \$0-master-lvl;
s	20_3.10\output~.pd	#X obj 353 541 s \ \$0-master-lvl;
s	20_3.10\output~.pd	#X obj 323 279 s \ \$0-master-out;
r	20_3.10\output~.pd	#X obj 29 71 r \ \$0-master-out;
r	20_3.10\output~.pd	#X obj 433 418 r \ \$0-master-out;
hip~	20_3.10\output~.pd	#X obj 85 192 hip~ 3;
hip~	20_3.10\output~.pd	#X obj 147 192 hip~ 3;
gemhead	20_3.10\rect.pd	#X obj 72 59 gemhead;
polygon	20_3.10\rect.pd	#X obj 304 268 polygon 4;
tabread	20_3.10\rect.pd	#X obj 262 159 tabread \ \$1;
f	20_3.10\rect.pd	#X obj 198 64 f \ \$3;
f	20_3.10\rect.pd	#X obj 229 90 f \ \$4;
+	20_3.10\rect.pd	#X obj 200 90 +;
r	20_3.10\rect.pd	#X obj 224 19 r doit;
t	20_3.10\rect.pd	#X obj 221 42 t b b;
tabread	20_3.10\rect.pd	#X obj 338 159 tabread \ \$2;
+	20_3.10\rect.pd	#X obj 389 109 + 1;

t	20_3.10\rect.pd	#X obj 390 131 t f f;
tabread	20_3.10\rect.pd	#X obj 414 160 tabread \ \$1;
tabread	20_3.10\rect.pd	#X obj 490 160 tabread \ \$2;
t	20_3.10\rect.pd	#X obj 200 119 t f f f f f;
pack	20_3.10\rect.pd	#X obj 168 226 pack 0 0 0;
-	20_3.10\rect.pd	#X obj 220 171 - 50;
*	20_3.10\rect.pd	#X obj 220 192 * 0.05;
-	20_3.10\rect.pd	#X obj 164 164 - 50;
*	20_3.10\rect.pd	#X obj 164 185 * 0.05;
pack	20_3.10\rect.pd	#X obj 250 227 pack 0 0 0;
pack	20_3.10\rect.pd	#X obj 333 228 pack 0 0 0;
pack	20_3.10\rect.pd	#X obj 415 229 pack 0 0 0;
colorRGB	20_3.10\rect.pd	#X obj 77 102 colorRGB 0 0 0;
+	20_3.10\rect.pd	#X obj 219 150 + 2;
rect	20_3.10\rect10.pd	#X obj 82 61 rect \ \$1 \ \$2 \ \$3 0;
rect	20_3.10\rect10.pd	#X obj 83 88 rect \ \$1 \ \$2 \ \$3 1;
rect	20_3.10\rect10.pd	#X obj 82 112 rect \ \$1 \ \$2 \ \$3 2;
rect	20_3.10\rect10.pd	#X obj 82 139 rect \ \$1 \ \$2 \ \$3 3;
rect	20_3.10\rect10.pd	#X obj 84 164 rect \ \$1 \ \$2 \ \$3 4;
rect	20_3.10\rect10.pd	#X obj 85 191 rect \ \$1 \ \$2 \ \$3 5;
rect	20_3.10\rect10.pd	#X obj 84 215 rect \ \$1 \ \$2 \ \$3 6;
rect	20_3.10\rect10.pd	#X obj 84 244 rect \ \$1 \ \$2 \ \$3 7;
rect	20_3.10\rect10.pd	#X obj 83 269 rect \ \$1 \ \$2 \ \$3 8;
rect	20_3.10\rect10.pd	#X obj 83 298 rect \ \$1 \ \$2 \ \$3 9;