

```
1  [:: adenv.dll ::]
2
3  Plugin Name: "Percussive AD Envelope"
4  Plugin Label: "adenv"
5  Plugin Unique ID: 2661
6  Maker: "Loki Davison <ltdav1[at]student.monash.edu.au>"
7  Copyright: "GPL"
8  Must Run Real-Time: No
9  Has activate() Function: Yes
10 Has deactivate() Function: No
11 Has run_adding() Function: No
12 Environment: Normal or Hard Real-Time
13 Ports:→"Gate" input, audio, toggled
14 →"Trigger" input, audio, toggled
15 →"Attack Time (s)" input, control, 0 to ..., default 0
16 →"Decay Time (s)" input, control, 0 to ..., default 0
17 →"Envelope Out" output, audio
18
19 [:: adenv_lv1.dll ::]
20
21 Plugin Name: "Percussive AD Envelope with levels"
22 Plugin Label: "adenv_lv1"
23 Plugin Unique ID: 2662
24 Maker: "Loki Davison <ltdav1[at]student.monash.edu.au>"
25 Copyright: "GPL"
26 Must Run Real-Time: No
27 Has activate() Function: Yes
28 Has deactivate() Function: No
29 Has run_adding() Function: No
30 Environment: Normal or Hard Real-Time
31 Ports:→"Gate" input, audio, toggled
32 →"Trigger" input, audio, toggled
33 →"Initial Level" input, control, 0 to ..., default 0
34 →"Attack to Level" input, control, 0 to ..., default 1
35 →"Decay to Level" input, control, 0 to ..., default 0
36 →"Attack Time (s)" input, control, 0 to ..., default 0
37 →"Decay Time (s)" input, control, 0 to ..., default 0
38 →"Envelope Out" output, audio
39 →"Reset Level" input, audio, toggled
40
41 [:: adsr_1653.dll ::]
42
43 Plugin Name: "ADSR Envelope"
44 Plugin Label: "adsr"
45 Plugin Unique ID: 1653
46 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
47 Copyright: "GPL"
48 Must Run Real-Time: No
49 Has activate() Function: Yes
50 Has deactivate() Function: No
51 Has run_adding() Function: No
52 Environment: Normal or Hard Real-Time
```

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53 Ports:→"Driving Signal" input, audio
54 →"Trigger Threshold" input, control
55 →"Attack Time (s)" input, control, 0 to ..., default 0
56 →"Decay Time (s)" input, control, 0 to ..., default 0
57 →"Sustain Level" input, control, 0 to 1, default 1
58 →"Release Time (s)" input, control, 0 to ..., default 0
59 →"Envelope Out" output, audio
60
61 [:: adsr_1680.dll ::]
62
63 Plugin Name: "ADSR Envelope with Gate and Trigger"
64 Plugin Label: "adsr_g+t"
65 Plugin Unique ID: 1680
66 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
67 Copyright: "GPL"
68 Must Run Real-Time: No
69 Has activate() Function: Yes
70 Has deactivate() Function: No
71 Has run_adding() Function: No
72 Environment: Normal or Hard Real-Time
73 Ports:→"Gate" input, audio, toggled
74 →"Trigger" input, audio, toggled
75 →"Attack Time (s)" input, control, 0 to ..., default 0
76 →"Decay Time (s)" input, control, 0 to ..., default 0
77 →"Sustain Level" input, control, 0 to 1, default 1
78 →"Release Time (s)" input, control, 0 to ..., default 0
79 →"Envelope Out" output, audio
80
81 [:: alias_1407.dll ::]
82
83 Plugin Name: "Aliasing"
84 Plugin Label: "alias"
85 Plugin Unique ID: 1407
86 Maker: "Steve Harris <steve@plugin.org.uk>"
87 Copyright: "GPL"
88 Must Run Real-Time: No
89 Has activate() Function: No
90 Has deactivate() Function: No
91 Has run_adding() Function: Yes
92 Environment: Normal or Hard Real-Time
93 Ports:→"Aliasing level" input, control, 0 to 1, default 0
94 →"Input" input, audio
95 →"Output" output, audio
96
97 [:: allpass_1895.dll ::]
98
99 Plugin Name: "Allpass delay line, noninterpolating"
100 Plugin Label: "allpass_n"
101 Plugin Unique ID: 1895
102 Maker: "Andy Wingo <wingo at pobox dot com>"
103 Copyright: "GPL"
104 Must Run Real-Time: No
```

```
105 Has activate() Function: Yes
106 Has deactivate() Function: No
107 Has run_adding() Function: Yes
108 Environment: Normal or Hard Real-Time
109 Ports:→"Input" input, audio
110 →"Output" output, audio
111 →"Max Delay (s)" input, control, 0 to ...
112 →"Delay Time (s)" input, control, 0 to ...
113 →"Decay Time (s)" input, control, 0 to ...
114
115 Plugin Name: "Allpass delay line, linear interpolation"
116 Plugin Label: "allpass_l"
117 Plugin Unique ID: 1896
118 Maker: "Andy Wingo <wingo at pobox dot com>"
119 Copyright: "GPL"
120 Must Run Real-Time: No
121 Has activate() Function: Yes
122 Has deactivate() Function: No
123 Has run_adding() Function: Yes
124 Environment: Normal or Hard Real-Time
125 Ports:→"Input" input, audio
126 →"Output" output, audio
127 →"Max Delay (s)" input, control, 0 to ...
128 →"Delay Time (s)" input, control, 0 to ...
129 →"Decay Time (s)" input, control, 0 to ...
130
131 Plugin Name: "Allpass delay line, cubic spline interpolation"
132 Plugin Label: "allpass_c"
133 Plugin Unique ID: 1897
134 Maker: "Andy Wingo <wingo at pobox dot com>"
135 Copyright: "GPL"
136 Must Run Real-Time: No
137 Has activate() Function: Yes
138 Has deactivate() Function: No
139 Has run_adding() Function: Yes
140 Environment: Normal or Hard Real-Time
141 Ports:→"Input" input, audio
142 →"Output" output, audio
143 →"Max Delay (s)" input, control, 0 to ...
144 →"Delay Time (s)" input, control, 0 to ...
145 →"Decay Time (s)" input, control, 0 to ...
146
147 [:: ambis1.dll ::]
148
149 Plugin Name: "AMB B1-format to square decoder"
150 Plugin Label: "Ambisonics-square-decoder"
151 Plugin Unique ID: 1976
152 Maker: "Fons Adriaensen <fons.adriaensen@skynet.be>"
153 Copyright: "GPL"
154 Must Run Real-Time: Yes
155 Has activate() Function: Yes
156 Has deactivate() Function: Yes
```

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157 Has_run_adding() Function: No
158 Environment: Normal or Hard Real-Time
159 Ports: → "In-W" input, audio
160 → "In-X" input, audio
161 → "In-Y" input, audio
162 → "In-Z" input, audio
163 → "Out-LF/F" output, audio
164 → "Out-RF/R" output, audio
165 → "Out-RB/B" output, audio
166 → "Out-LB/L" output, audio
167 → "Front spkr" input, control, toggled, default 0
168 → "Shelf filt" input, control, toggled, default 0
169 → "HF XY gain" input, control, 1 to 2, default 1, logarithmic
170 → "LF XY gain" input, control, 1 to 2, default 1, logarithmic
171 → "Shelf freq" input, control, 200 to 800, default 500
172 → "Distance" input, control, 1 to 30, default 30, logarithmic
173
174 Plugin Name: "AMB B1-format to hexagon decoder"
175 Plugin Label: "Ambisonics-hexagon-decoder"
176 Plugin Unique ID: 1977
177 Maker: "Fons Adriaensen <fons.adriaensen@skynet.be>"
178 Copyright: "GPL"
179 Must Run Real-Time: Yes
180 Has_activate() Function: Yes
181 Has_deactivate() Function: Yes
182 Has_run_adding() Function: No
183 Environment: Normal or Hard Real-Time
184 Ports: → "In-W" input, audio
185 → "In-X" input, audio
186 → "In-Y" input, audio
187 → "In-Z" input, audio
188 → "Out-LF/F" output, audio
189 → "Out-RF/RF" output, audio
190 → "Out-R/RB" output, audio
191 → "Out-RB/B" output, audio
192 → "Out-LB/LB" output, audio
193 → "Out-L/LF" output, audio
194 → "Front spkr" input, control, toggled, default 0
195 → "Shelf filt" input, control, toggled, default 0
196 → "HF XY gain" input, control, 1 to 2, default 1, logarithmic
197 → "LF XY gain" input, control, 1 to 2, default 1, logarithmic
198 → "Shelf freq" input, control, 200 to 800, default 500
199 → "Distance" input, control, 1 to 30, default 30, logarithmic
200
201 Plugin Name: "AMB B1-format to cube decoder"
202 Plugin Label: "Ambisonics-cube-decoder"
203 Plugin Unique ID: 1978
204 Maker: "Fons Adriaensen <fons.adriaensen@skynet.be>"
205 Copyright: "GPL"
206 Must Run Real-Time: Yes
207 Has_activate() Function: Yes
208 Has_deactivate() Function: Yes
```

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209 Has_run_adding() Function: No
210 Environment: Normal or Hard Real-Time
211 Ports: → "In-W" input, audio
212 → "In-X" input, audio
213 → "In-Y" input, audio
214 → "In-Z" input, audio
215 → "Out-DLF" output, audio
216 → "Out-DRF" output, audio
217 → "Out-DRB" output, audio
218 → "Out-DLB" output, audio
219 → "Out-ULF" output, audio
220 → "Out-URF" output, audio
221 → "Out-URB" output, audio
222 → "Out-ULB" output, audio
223 → "Shelf filt" input, control, toggled, default 0
224 → "HF XYZ gain" input, control, 1 to 3, default 1, logarithmic
225 → "LF XYZ gain" input, control, 1 to 3, default 1, logarithmic
226 → "Shelf freq" input, control, 200 to 800, default 500
227 → "Distance" input, control, 1 to 30, default 30, logarithmic
228
229 [:: ambis2.dll ::]
230
231 Plugin Name: "AMB Mono to B1-format panner"
232 Plugin Label: "Ambisonics-mono-panner"
233 Plugin Unique ID: 1973
234 Maker: "Fons Adriaensen <fons.adriaensen@skynet.be>"
235 Copyright: "GPL"
236 Must Run Real-Time: Yes
237 Has_activate() Function: Yes
238 Has_deactivate() Function: Yes
239 Has_run_adding() Function: No
240 Environment: Normal or Hard Real-Time
241 Ports: → "In" input, audio
242 → "Out-W" output, audio
243 → "Out-X" output, audio
244 → "Out-Y" output, audio
245 → "Out-Z" output, audio
246 → "Elevation" input, control, -90 to 90, default 0
247 → "Azimuth" input, control, -180 to 180, default 0
248
249 Plugin Name: "AMB Stereo to B1-format panner"
250 Plugin Label: "Ambisonics-sterio-panner"
251 Plugin Unique ID: 1974
252 Maker: "Fons Adriaensen <fons.adriaensen@skynet.be>"
253 Copyright: "GPL"
254 Must Run Real-Time: Yes
255 Has_activate() Function: Yes
256 Has_deactivate() Function: Yes
257 Has_run_adding() Function: No
258 Environment: Normal or Hard Real-Time
259 Ports: → "In-L" input, audio
260 → "In-R" input, audio
```

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261 →"Out-W" output, audio
262 →"Out-X" output, audio
263 →"Out-Y" output, audio
264 →"Out-Z" output, audio
265 →"Elevation" input, control, -90 to 90, default 0
266 →"Width" input, control, -90 to 90, default 90
267 →"Azimuth" input, control, -180 to 180, default 0
268
269 Plugin Name: "AMB B1-format horizontal rotator"
270 Plugin Label: "Ambisonics-rotator"
271 Plugin Unique ID: 1975
272 Maker: "Fons Adriaensen <fons.adriaensen@skynet.be>"
273 Copyright: "GPL"
274 Must Run Real-Time: Yes
275 Has activate() Function: Yes
276 Has deactivate() Function: Yes
277 Has run_adding() Function: No
278 Environment: Normal or Hard Real-Time
279 Ports: →"In-W" input, audio
280 →"In-X" input, audio
281 →"In-Y" input, audio
282 →"In-Z" input, audio
283 →"Out-W" output, audio
284 →"Out-X" output, audio
285 →"Out-Y" output, audio
286 →"Out-Z" output, audio
287 →"Angle" input, control, -180 to 180, default 0
288
289 [:: amp.dll ::]
290
291 Plugin Name: "Mono Amplifier"
292 Plugin Label: "amp_mono"
293 Plugin Unique ID: 1048
294 Maker: "Richard Furse (LADSPA example plugins)"
295 Copyright: "None"
296 Must Run Real-Time: No
297 Has activate() Function: No
298 Has deactivate() Function: No
299 Has run_adding() Function: No
300 Environment: Normal or Hard Real-Time
301 Ports: →"Gain" input, control, 0 to ..., default 1, logarithmic
302 →"Input" input, audio
303 →"Output" output, audio
304
305 Plugin Name: "Stereo Amplifier"
306 Plugin Label: "amp_stereo"
307 Plugin Unique ID: 1049
308 Maker: "Richard Furse (LADSPA example plugins)"
309 Copyright: "None"
310 Must Run Real-Time: No
311 Has activate() Function: No
312 Has deactivate() Function: No
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313 Has_run_adding() Function: No
314 Environment: Normal or Hard Real-Time
315 Ports: →"Gain" input, control, 0 to ..., default 1, logarithmic
316 →"Input (Left)" input, audio
317 →"Output (Left)" output, audio
318 →"Input (Right)" input, audio
319 →"Output (Right)" output, audio
320
321 [:: amp_1181.dll ::]
322
323 Plugin Name: "Simple amplifier"
324 Plugin Label: "amp"
325 Plugin Unique ID: 1181
326 Maker: "Steve Harris <steve@plugin.org.uk>"
327 Copyright: "GPL"
328 Must Run Real-Time: No
329 Has_activate() Function: No
330 Has_deactivate() Function: No
331 Has_run_adding() Function: Yes
332 Environment: Normal or Hard Real-Time
333 Ports: →"Amps gain (dB)" input, control, -70 to 70, default 0
334 →"Input" input, audio
335 →"Output" output, audio
336
337 [:: amp_1654.dll ::]
338
339 Plugin Name: "Amplifier (GAIA)"
340 Plugin Label: "amp_gaia_oa"
341 Plugin Unique ID: 1654
342 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
343 Copyright: "GPL"
344 Must Run Real-Time: No
345 Has_activate() Function: No
346 Has_deactivate() Function: No
347 Has_run_adding() Function: No
348 Environment: Normal or Hard Real-Time
349 Ports: →"Gain (dB)" input, audio, -96 to 96
350 →"Input" input, audio
351 →"Output" output, audio
352
353 Plugin Name: "Amplifier (GCIA)"
354 Plugin Label: "amp_gcia_oa"
355 Plugin Unique ID: 1655
356 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
357 Copyright: "GPL"
358 Must Run Real-Time: No
359 Has_activate() Function: No
360 Has_deactivate() Function: No
361 Has_run_adding() Function: No
362 Environment: Normal or Hard Real-Time
363 Ports: →"Gain (dB)" input, control, -96 to 96
364 →"Input" input, audio
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365  →"Output" output, audio
366
367  [:: am_pitchshift_1433.dll ::]
368
369  Plugin Name: "AM pitchshifter"
370  Plugin Label: "amPitchshift"
371  Plugin Unique ID: 1433
372  Maker: "Steve Harris <steve@plugin.org.uk>"
373  Copyright: "GPL"
374  Must Run Real-Time: No
375  Has activate() Function: No
376  Has deactivate() Function: No
377  Has run_adding() Function: Yes
378  Environment: Normal or Hard Real-Time
379  Ports: →"Pitch shift" input, control, 0.25 to 4, default 1, logarithmic
380  →"Buffer size" input, control, 1 to 7, default 4, integer
381  →"Input" input, audio
382  →"Output" output, audio
383  →"latency" output, control
384
385  [:: APF.dll ::]
386
387  Plugin Name: "APF"
388  Plugin Label: "APF"
389  Plugin Unique ID: 71
390  Maker: "undefined"
391  Copyright: "undefined"
392  Must Run Real-Time: No
393  Has activate() Function: Yes
394  Has deactivate() Function: Yes
395  Has run_adding() Function: No
396  Environment: Normal or Hard Real-Time
397  Ports: →"input00" input, audio
398  →"output00" output, audio
399  →"freq" input, control, 100 to 10000
400  →"q" input, control, 0.01 to 100
401
402  [:: autotalent.dll ::]
403
404  Plugin Name: "Autotalent"
405  Plugin Label: "autotalent"
406  Plugin Unique ID: 4262
407  Maker: "Tom Baran"
408  Copyright: "2010"
409  Must Run Real-Time: No
410  Has activate() Function: No
411  Has deactivate() Function: No
412  Has run_adding() Function: No
413  Environment: Normal or Hard Real-Time
414  Ports: →"Concert A (Hz)" input, control, 400 to 480, default 440
415  →"Fixed pitch (semitones w.r.t. A)" input, control, -36 to 12, default 0
416  →"Pull to fixed pitch" input, control, 0 to 1, default 0
```

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417 →"A" input, control, -1.1 to 1.1, default 0, integer
418 →"Bb" input, control, -1.1 to 1.1, default -1.1, integer
419 →"B" input, control, -1.1 to 1.1, default 0, integer
420 →"C" input, control, -1.1 to 1.1, default 0, integer
421 →"Db" input, control, -1.1 to 1.1, default -1.1, integer
422 →"D" input, control, -1.1 to 1.1, default 0, integer
423 →"Eb" input, control, -1.1 to 1.1, default -1.1, integer
424 →"E" input, control, -1.1 to 1.1, default 0, integer
425 →"F" input, control, -1.1 to 1.1, default 0, integer
426 →"Gb" input, control, -1.1 to 1.1, default -1.1, integer
427 →"G" input, control, -1.1 to 1.1, default 0, integer
428 →"Ab" input, control, -1.1 to 1.1, default -1.1, integer
429 →"Correction strength" input, control, 0 to 1, default 1
430 →"Correction smoothness" input, control, 0 to 1, default 0
431 →"Pitch shift (scale notes)" input, control, -12 to 12, default 0
432 →"Output scale rotate (scale notes)" input, control, -5.1 to 5.1,
default 0, integer
433 →"LFO depth" input, control, 0 to 1, default 0
434 →"LFO rate (Hz)" input, control, 0 to 10, default 5
435 →"LFO shape (square->sine->tri)" input, control, -1 to 1, default 0
436 →"LFO symmetry" input, control, -1 to 1, default 0
437 →"LFO quantization" input, control, toggled, default 0
438 →"Formant correction" input, control, toggled, default 0
439 →"Formant warp" input, control, -1 to 1, default 0
440 →"Mix" input, control, 0 to 1, default 1
441 →"Detected pitch (semitones w.r.t. A)" output, control
442 →"Pitch detection confidence" output, control
443 →"Input" input, audio
444 →"Output" output, audio
445 →"latency" output, control

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446
447 [:: aw.dll ::]

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448
449 Plugin Name: "AlienWah for mono"
450 Plugin Label: "alienwah_mono"
451 Plugin Unique ID: 1561
452 Maker: "Plugin: Paul<set@pobox.com> Effect: Nasca O.
Paul<paulnasca@yahoo.com>"
453 Copyright: "GPL"
454 Must Run Real-Time: No
455 Has activate() Function: Yes
456 Has deactivate() Function: No
457 Has run_adding() Function: No
458 Environment: Normal or Hard Real-Time
459 Ports: →"Frequency (Hz)" input, control, 0 to ...
460 →"Initial phase for stereo (radians)" input, control
461 →"Feedback" input, control, 0 to 1
462 →"Delay (samples)" input, control, 5 to 50, integer
463 →"Input" input, audio
464 →"Output" output, audio
465
466 Plugin Name: "AlienWah for stereo"

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467 Plugin Label: "alienwah_stereo"
468 Plugin Unique ID: 1562
469 Maker: "Plugin: Paul<set@pobox.com> Effect: Nasca 0.
Paul<paulnasca@yahoo.com>"
470 Copyright: "GPL"
471 Must Run Real-Time: No
472 Has activate() Function: Yes
473 Has deactivate() Function: No
474 Has run_adding() Function: No
475 Environment: Normal or Hard Real-Time
476 Ports:→"Frequency (Hz)" input, control, 0 to ...
477 →"Initial phase for stereo (radians)" input, control, 6.28319 to 0
478 →"Feedback" input, control, 0 to 2
479 →"Delay (samples)" input, control, 5 to 50, integer
480 →"Input1" input, audio
481 →"Output1" output, audio
482 →"Input2" input, audio
483 →"Output2" output, audio
484
485 [:: awplug.dll ::]
486
487 Plugin Name: "A-weighting filter"
488 Plugin Label: "AWfilt"
489 Plugin Unique ID: 1971
490 Maker: "Fons Adriaensen <fons.adriaensen@skynet.be>"
491 Copyright: "(C) 2005 Fons Adriaensen, GNU General Public License Version
2 applies"
492 Must Run Real-Time: Yes
493 Has activate() Function: Yes
494 Has deactivate() Function: Yes
495 Has run_adding() Function: No
496 Environment: Normal or Hard Real-Time
497 Ports:→"Input" input, audio
498 →"Output" output, audio
499
500 [:: bandfilter.dll ::]
501
502 Plugin Name: "bandfilter"
503 Plugin Label: "bandfilter"
504 Plugin Unique ID: 211
505 Maker: "undefined"
506 Copyright: "undefined"
507 Must Run Real-Time: No
508 Has activate() Function: Yes
509 Has deactivate() Function: Yes
510 Has run_adding() Function: No
511 Environment: Normal or Hard Real-Time
512 Ports:→"input00" input, audio
513 →"output00" output, audio
514 →"qfactor" input, control, 0.1 to 100
515 →"freq" input, control, 20 to 20000
516 →"gain" input, control, -50 to 50
```

```
517
518 [:: bandpass_a_iir_1893.dll ::]
519
520 Plugin Name: "Glame Bandpass Analog Filter"
521 Plugin Label: "bandpass_a_iir"
522 Plugin Unique ID: 1893
523 Maker: "Alexander Ehlert <mag@glame.de>"
524 Copyright: "GPL"
525 Must Run Real-Time: No
526 Has activate() Function: Yes
527 Has deactivate() Function: No
528 Has run_adding() Function: Yes
529 Environment: Normal or Hard Real-Time
530 Ports: → "Center Frequency (Hz)" input, control, 0.0001*srate to
0.45*srate, default 0.000819036*srate, logarithmic
531 → "Bandwidth (Hz)" input, control, 0.0001*srate to 0.45*srate, default
0.0067082*srate, logarithmic
532 → "Input" input, audio
533 → "Output" output, audio
534
535 [:: bandpass_iir_1892.dll ::]
536
537 Plugin Name: "Glame Bandpass Filter"
538 Plugin Label: "bandpass_iir"
539 Plugin Unique ID: 1892
540 Maker: "Alexander Ehlert <mag@glame.de>"
541 Copyright: "GPL"
542 Must Run Real-Time: No
543 Has activate() Function: Yes
544 Has deactivate() Function: No
545 Has run_adding() Function: Yes
546 Environment: Normal or Hard Real-Time
547 Ports: → "Center Frequency (Hz)" input, control, 0.0001*srate to
0.45*srate, default 0.0067082*srate, logarithmic
548 → "Bandwidth (Hz)" input, control, 0.0001*srate to 0.45*srate, default
0.0067082*srate, logarithmic
549 → "Stages(2 poles per stage)" input, control, 1 to 10, default 1, integer
550 → "Input" input, audio
551 → "Output" output, audio
552
553 [:: bass.dll ::]
554
555 Plugin Name: "bass"
556 Plugin Label: "bass"
557 Plugin Unique ID: 116
558 Maker: "undefined"
559 Copyright: "undefined"
560 Must Run Real-Time: No
561 Has activate() Function: Yes
562 Has deactivate() Function: Yes
563 Has run_adding() Function: No
564 Environment: Normal or Hard Real-Time
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565 Ports:→"output00" output, audio
566 →"output01" output, audio
567 →"basicparameters-freq" input, control, 20 to 20000
568 →"basicparameters-gain" input, control, 0 to 1
569 →"basicparameters-gate" input, control, toggled
570 →"nonlinearfilterparameters-modulationfrequency" input, control, 20 to
1000
571 →"nonlinearfilterparameters-modulationtype" input, control, 0 to 4
572 →"nonlinearfilterparameters-nonlinearity" input, control, 0 to 1
573 →"physicalparameters-touchlength" input, control, 0 to 1
574 →"reverb-reverbgain" input, control, 0 to 1
575 →"reverb-roomsize" input, control, 0.01 to 2
576 →"spat-panangle" input, control, 0 to 1
577 →"spat-spatialwidth" input, control, 0 to 1
578
579 [:: blepvco.dll ::]
580
581 Plugin Name: "Sync-Saw-VC0 --- Hard-sync-capable anti-aliased oscillator"
582 Plugin Label: "Sync-Saw-VC0"
583 Plugin Unique ID: 2184
584 Maker: "Sean Bolton <musound AT jps DOT net>"
585 Copyright: "(C) 2005 Sean Bolton, GNU General Public License Version 2
applies"
586 Must Run Real-Time: No
587 Has activate() Function: Yes
588 Has deactivate() Function: Yes
589 Has run_adding() Function: No
590 Environment: Normal
591 Ports:→"Output" output, audio
592 →"Sync Out" output, audio
593 →"Frequency" input, audio
594 →"Exp FM" input, audio
595 →"Lin FM" input, audio
596 →"Sync In" input, audio
597 →"Octave" input, control, -4 to 4, default 0, integer
598 →"Tune" input, control, 0 to 1, default 0
599 →"Exp FM gain" input, control, 0 to 4, default 0
600 →"Lin FM gain" input, control, 0 to 4, default 0
601 →"LP filter" input, control, 0 to 1, default 0.5
602
603 Plugin Name: "Sync-Rect-VC0 --- Hard-sync-capable anti-aliased oscillator"
604 Plugin Label: "Sync-Rect-VC0"
605 Plugin Unique ID: 2185
606 Maker: "Sean Bolton <musound AT jps DOT net>"
607 Copyright: "(C) 2005 Sean Bolton, GNU General Public License Version 2
applies"
608 Must Run Real-Time: No
609 Has activate() Function: Yes
610 Has deactivate() Function: Yes
611 Has run_adding() Function: No
612 Environment: Normal
613 Ports:→"Output" output, audio
```

```
614 →"Sync Out" output, audio
615 →"Frequency" input, audio
616 →"Exp FM" input, audio
617 →"Lin FM" input, audio
618 →"Wave Mod" input, audio
619 →"Sync In" input, audio
620 →"Octave" input, control, -4 to 4, default 0, integer
621 →"Tune" input, control, 0 to 1, default 0
622 →"Exp FM gain" input, control, 0 to 4, default 0
623 →"Lin FM gain" input, control, 0 to 4, default 0
624 →"Waveform" input, control, -1 to 1, default 0
625 →"WMod gain" input, control, 0 to 4, default 0
626 →"LP filter" input, control, 0 to 1, default 0.5
627
628 Plugin Name: "Sync-Tri-VCO" --- Hard-sync-capable anti-aliased oscillator"
629 Plugin Label: "Sync-Tri-VCO"
630 Plugin Unique ID: 2186
631 Maker: "Sean Bolton <musound AT jps DOT net>"
632 Copyright: "(C) 2005 Sean Bolton, GNU General Public License Version 2
applies"
633 Must Run Real-Time: No
634 Has activate() Function: Yes
635 Has deactivate() Function: Yes
636 Has run_adding() Function: No
637 Environment: Normal
638 Ports: →"Output" output, audio
639 →"Sync Out" output, audio
640 →"Frequency" input, audio
641 →"Exp FM" input, audio
642 →"Lin FM" input, audio
643 →"Wave Mod" input, audio
644 →"Sync In" input, audio
645 →"Octave" input, control, -4 to 4, default 0, integer
646 →"Tune" input, control, 0 to 1, default 0
647 →"Exp FM gain" input, control, 0 to 4, default 0
648 →"Lin FM gain" input, control, 0 to 4, default 0
649 →"Waveform" input, control, -1 to 1, default 0
650 →"WMod gain" input, control, 0 to 4, default 0
651 →"LP filter" input, control, 0 to 1, default 0.5
652
653 [:: blowBottle.dll ::]
654
655 Plugin Name: "blowBottle"
656 Plugin Label: "blowBottle"
657 Plugin Unique ID: 942
658 Maker: "undefined"
659 Copyright: "undefined"
660 Must Run Real-Time: No
661 Has activate() Function: Yes
662 Has deactivate() Function: Yes
663 Has run_adding() Function: No
664 Environment: Normal or Hard Real-Time
```

```

665 Ports:→"output00" output, audio
666 →"output01" output, audio
667 →"basicparameters-freq" input, control, 20 to 20000
668 →"basicparameters-gain" input, control, 0 to 1
669 →"basicparameters-gate" input, control, toggled
670 →"envelopesandvibrato-envelopeparameters-envelopeattack" input, control,
0 to 2
671 →"envelopesandvibrato-envelopeparameters-envelopedecay" input, control,
0 to 2
672 →"envelopesandvibrato-envelopeparameters-enveloperelease" input,
control, 0 to 2
673 →"envelopesandvibrato-vibratoparameters-vibratoattack" input, control, 0
to 2
674 →"envelopesandvibrato-vibratoparameters-vibratobegin" input, control, 0
to 2
675 →"envelopesandvibrato-vibratoparameters-vibratofreq" input, control, 1
to 15
676 →"envelopesandvibrato-vibratoparameters-vibratogain" input, control, 0
to 1
677 →"envelopesandvibrato-vibratoparameters-vibratorelease" input, control,
0 to 2
678 →"physicalandnonlinearity-nonlinearfilterparameters-modulationfrequency"
input, control, 20 to 1000
679 →"physicalandnonlinearity-nonlinearfilterparameters-modulationtype"
input, control, 0 to 4
680 →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearity" input,
control, 0 to 1
681 →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearityattack"
input, control, 0 to 2
682 →"physicalandnonlinearity-physicalparameters-noisegain" input, control,
0 to 1
683 →"physicalandnonlinearity-physicalparameters-pressure" input, control, 0
to 1
684 →"reverb-reverbgain" input, control, 0 to 1
685 →"reverb-roomsize" input, control, 0.01 to 2
686 →"spat-panangle" input, control, 0 to 1
687 →"spat-spatialwidth" input, control, 0 to 1
688
689 [:: blowHole.dll ::]
690
691 Plugin Name: "blowHole"
692 Plugin Label: "blowHole"
693 Plugin Unique ID: 414
694 Maker: "undefined"
695 Copyright: "undefined"
696 Must Run Real-Time: No
697 Has activate() Function: Yes
698 Has deactivate() Function: Yes
699 Has run_adding() Function: No
700 Environment: Normal or Hard Real-Time
701 Ports:→"output00" output, audio
702 →"output01" output, audio

```

```

703  →"basicparameters-freq" input, control, 20 to 20000
704  →"basicparameters-gain" input, control, 0 to 1
705  →"basicparameters-gate" input, control, toggled
706  →"envelopesandvibrato-envelopeparameters-envelopeattack" input, control,
    0 to 2
707  →"envelopesandvibrato-envelopeparameters-enveloperelease" input,
    control, 0 to 2
708  →"envelopesandvibrato-vibratoparameters-vibratoattack" input, control, 0
    to 2
709  →"envelopesandvibrato-vibratoparameters-vibratofreq" input, control, 1
    to 15
710  →"envelopesandvibrato-vibratoparameters-vibratogain" input, control, 0
    to 1
711  →"envelopesandvibrato-vibratoparameters-vibratorelease" input, control,
    0 to 2
712  →"physicalandnonlinearity-nonlinearfilterparameters-modulationfrequency"
    input, control, 20 to 1000
713  →"physicalandnonlinearity-nonlinearfilterparameters-modulationtype"
    input, control, 0 to 4
714  →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearity" input,
    control, 0 to 1
715  →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearityattack"
    input, control, 0 to 2
716  →"physicalandnonlinearity-physicalparameters-noisegain" input, control,
    0 to 1
717  →"physicalandnonlinearity-physicalparameters-pressure" input, control, 0
    to 1
718  →"physicalandnonlinearity-physicalparameters-reedstiffness" input,
    control, 0 to 1
719  →"physicalandnonlinearity-physicalparameters-toneholeopenness" input,
    control, 0 to 1
720  →"physicalandnonlinearity-physicalparameters-ventopenness" input,
    control, 0 to 1
721  →"reverb-reverbgain" input, control, 0 to 1
722  →"reverb-roomsize" input, control, 0.01 to 2
723  →"spat-panangle" input, control, 0 to 1
724  →"spat-spatialwidth" input, control, 0 to 1

```

```

725
726  [:: blvco.dll ::]

```

```

727
728  Plugin Name: "Pulse-VCO --- Anti-aliased oscillator"
729  Plugin Label: "Pulse-VCO"
730  Plugin Unique ID: 1952
731  Maker: "Fons Adriaensen <fons.adriaensen@alcatel.be>"
732  Copyright: "(C) 2003 Fons Adriaensen, GNU General Public License Version
    2 applies"
733  Must Run Real-Time: Yes
734  Has activate() Function: Yes
735  Has deactivate() Function: Yes
736  Has run_adding() Function: No
737  Environment: Normal or Hard Real-Time
738  Ports: →"Output" output, audio

```

```
739 →"Frequency" input, audio
740 →"Exp FM" input, audio
741 →"Lin FM" input, audio
742 →"Octave" input, control, -4 to 4, default 0, integer
743 →"Tune" input, control, 0 to 1, default 0
744 →"Exp FM gain" input, control, 0 to 4, default 0
745 →"Lin FM gain" input, control, 0 to 4, default 0
746 →"LP filter" input, control, 0 to 1, default 1
747
748 Plugin Name: "Saw-VCO ---- Anti-aliased oscillator"
749 Plugin Label: "Saw-VCO"
750 Plugin Unique ID: 1953
751 Maker: "Fons Adriaensen <fons.adriaensen@alcatel.be>"
752 Copyright: "(C) 2003 Fons Adriaensen, GNU General Public License Version
2 applies"
753 Must Run Real-Time: Yes
754 Has activate() Function: Yes
755 Has deactivate() Function: Yes
756 Has run_adding() Function: No
757 Environment: Normal or Hard Real-Time
758 Ports: →"Output" output, audio
759 →"Frequency" input, audio
760 →"Exp FM" input, audio
761 →"Lin FM" input, audio
762 →"Sync" input, audio
763 →"Octave" input, control, -4 to 4, default 0, integer
764 →"Tune" input, control, 0 to 1, default 0
765 →"Exp FM gain" input, control, 0 to 4, default 0
766 →"Lin FM gain" input, control, 0 to 4, default 0
767 →"LP filter" input, control, 0 to 1, default 1
768
769 Plugin Name: "Rec-VCO ---- Anti-aliased oscillator"
770 Plugin Label: "Rec-VCO"
771 Plugin Unique ID: 1954
772 Maker: "Fons Adriaensen <fons.adriaensen@alcatel.be>"
773 Copyright: "(C) 2003 Fons Adriaensen, GNU General Public License Version
2 applies"
774 Must Run Real-Time: Yes
775 Has activate() Function: Yes
776 Has deactivate() Function: Yes
777 Has run_adding() Function: No
778 Environment: Normal or Hard Real-Time
779 Ports: →"Output" output, audio
780 →"Frequency" input, audio
781 →"Exp FM" input, audio
782 →"Lin FM" input, audio
783 →"Mod" input, audio
784 →"Sync" input, audio
785 →"Octave" input, control, -4 to 4, default 0, integer
786 →"Tune" input, control, 0 to 1, default 0
787 →"Exp FM gain" input, control, 0 to 4, default 0
788 →"Lin FM gain" input, control, 0 to 4, default 0
```

```
789  →"Waveform" input, control, -1 to 1, default 0
790  →"Form mod" input, control, 0 to 4, default 0
791  →"LP filter" input, control, 0 to 1, default 1
792
793  [:: bode_shifter_1431.dll ::]
794
795  Plugin Name: "Bode frequency shifter"
796  Plugin Label: "bodeShifter"
797  Plugin Unique ID: 1431
798  Maker: "Steve Harris <steve@plugin.org.uk>"
799  Copyright: "GPL"
800  Must Run Real-Time: No
801  Has activate() Function: No
802  Has deactivate() Function: No
803  Has run_adding() Function: Yes
804  Environment: Normal or Hard Real-Time
805  Ports: →"Frequency shift" input, control, 0 to 5000, default 0
806  →"Input" input, audio
807  →"Down out" output, audio
808  →"Up out" output, audio
809  →"latency" output, control
810
811  [:: bode_shifter_cv_1432.dll ::]
812
813  Plugin Name: "Bode frequency shifter (CV)"
814  Plugin Label: "bodeShifterCV"
815  Plugin Unique ID: 1432
816  Maker: "Steve Harris <steve@plugin.org.uk>"
817  Copyright: "GPL"
818  Must Run Real-Time: No
819  Has activate() Function: No
820  Has deactivate() Function: No
821  Has run_adding() Function: Yes
822  Environment: Normal or Hard Real-Time
823  Ports: →"Base shift" input, control, 0 to 5000, default 0
824  →"Mix (-1=down, +1=up)" input, control, -1 to 1, default 0
825  →"Input" input, audio
826  →"CV Attenuation" input, control, 0 to 1, default 1
827  →"Shift CV" input, audio, 0 to 5, default 0
828  →"Down out" output, audio
829  →"Up out" output, audio
830  →"Mix out" output, audio
831  →"latency" output, control
832
833  [:: bowed.dll ::]
834
835  Plugin Name: "bowed"
836  Plugin Label: "bowed"
837  Plugin Unique ID: 269
838  Maker: "undefined"
839  Copyright: "undefined"
840  Must Run Real-Time: No
```

```
841 Has activate() Function: Yes
842 Has deactivate() Function: Yes
843 Has run_adding() Function: No
844 Environment: Normal or Hard Real-Time
845 Ports: → "output00" output, audio
846 → "output01" output, audio
847 → "basicparameters-freq" input, control, 20 to 20000
848 → "basicparameters-gain" input, control, 0 to 1
849 → "basicparameters-gate" input, control, toggled
850 → "envelopesandvibrato-envelopeparameters-envelopeattack" input, control,
0 to 2
851 → "envelopesandvibrato-envelopeparameters-envelopedecay" input, control,
0 to 2
852 → "envelopesandvibrato-envelopeparameters-enveloperelease" input,
control, 0 to 2
853 → "envelopesandvibrato-vibratoparameters-vibratoattack" input, control, 0
to 2
854 → "envelopesandvibrato-vibratoparameters-vibratobegin" input, control, 0
to 2
855 → "envelopesandvibrato-vibratoparameters-vibratofreq" input, control, 1
to 15
856 → "envelopesandvibrato-vibratoparameters-vibratogain" input, control, 0
to 1
857 → "envelopesandvibrato-vibratoparameters-vibratorelease" input, control,
0 to 2
858 → "physicalandnonlinearity-nonlinearfilterparameters-modulationfrequency"
input, control, 20 to 1000
859 → "physicalandnonlinearity-nonlinearfilterparameters-modulationtype"
input, control, 0 to 4
860 → "physicalandnonlinearity-nonlinearfilterparameters-nonlinearity" input,
control, 0 to 1
861 → "physicalandnonlinearity-nonlinearfilterparameters-nonlinearityattack"
input, control, 0 to 2
862 → "physicalandnonlinearity-physicalparameters-bowposition" input,
control, 0.01 to 1
863 → "physicalandnonlinearity-physicalparameters-bowpressure" input,
control, 0 to 1
864 → "reverb-reverbgain" input, control, 0 to 1
865 → "reverb-roomsize" input, control, 0.01 to 2
866 → "spat-panangle" input, control, 0 to 1
867 → "spat-spatialwidth" input, control, 0 to 1
868
869 [:: BPF.dll ::]
870
871 Plugin Name: "BPF"
872 Plugin Label: "BPF"
873 Plugin Unique ID: 135
874 Maker: "undefined"
875 Copyright: "undefined"
876 Must Run Real-Time: No
877 Has activate() Function: Yes
878 Has deactivate() Function: Yes
```

```
879 Has_run_adding() Function: No
880 Environment: Normal or Hard Real-Time
881 Ports:→"input00" input, audio
882 →"output00" output, audio
883 →"freq" input, control, 100 to 10000
884 →"q" input, control, 0.01 to 100
885
886 [:: branch_1673.dll ::]
887
888 Plugin Name: "Signal Branch (IA)"
889 Plugin Label: "branch_ia_oaoa"
890 Plugin Unique ID: 1673
891 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
892 Copyright: "GPL"
893 Must Run Real-Time: No
894 Has_activate() Function: No
895 Has_deactivate() Function: No
896 Has_run_adding() Function: No
897 Environment: Normal or Hard Real-Time
898 Ports:→"Input" input, audio
899 →"First Output" output, audio
900 →"Second Output" output, audio
901
902 Plugin Name: "Signal Branch (IC)"
903 Plugin Label: "branch_ic_ococ"
904 Plugin Unique ID: 1674
905 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
906 Copyright: "GPL"
907 Must Run Real-Time: No
908 Has_activate() Function: No
909 Has_deactivate() Function: No
910 Has_run_adding() Function: No
911 Environment: Normal or Hard Real-Time
912 Ports:→"Input" input, control
913 →"First Output" output, control
914 →"Second Output" output, control
915
916 [:: brass.dll ::]
917
918 Plugin Name: "brass"
919 Plugin Label: "brass"
920 Plugin Unique ID: 308
921 Maker: "undefined"
922 Copyright: "undefined"
923 Must Run Real-Time: No
924 Has_activate() Function: Yes
925 Has_deactivate() Function: Yes
926 Has_run_adding() Function: No
927 Environment: Normal or Hard Real-Time
928 Ports:→"output00" output, audio
929 →"output01" output, audio
930 →"basicparameters-freq" input, control, 20 to 20000
```

```
931 →"basicparameters-gain" input, control, 0 to 1
932 →"basicparameters-gate" input, control, toggled
933 →"envelopesandvibrato-envelopeparameters-envelopeattack" input, control,
0 to 2
934 →"envelopesandvibrato-envelopeparameters-envelopedecay" input, control,
0 to 2
935 →"envelopesandvibrato-envelopeparameters-enveloperelease" input,
control, 0 to 2
936 →"envelopesandvibrato-vibratoparameters-vibratoattack" input, control, 0
to 2
937 →"envelopesandvibrato-vibratoparameters-vibratobegin" input, control, 0
to 2
938 →"envelopesandvibrato-vibratoparameters-vibratofreq" input, control, 1
to 15
939 →"envelopesandvibrato-vibratoparameters-vibratogain" input, control, 0
to 1
940 →"envelopesandvibrato-vibratoparameters-vibratorelease" input, control,
0 to 2
941 →"physicalandnonlinearity-nonlinearfilterparameters-modulationfrequency"
input, control, 20 to 1000
942 →"physicalandnonlinearity-nonlinearfilterparameters-modulationtype"
input, control, 0 to 4
943 →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearity" input,
control, 0 to 1
944 →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearityattack"
input, control, 0 to 2
945 →"physicalandnonlinearity-physicalparameters-liptension" input, control,
0.01 to 1
946 →"physicalandnonlinearity-physicalparameters-pressure" input, control,
0.01 to 1
947 →"physicalandnonlinearity-physicalparameters-slidelength" input,
control, 0.01 to 1
948 →"reverb-reverbgain" input, control, 0 to 1
949 →"reverb-roomsize" input, control, 0.01 to 2
950 →"spat-panangle" input, control, 0 to 1
951 →"spat-spatialwidth" input, control, 0 to 1
952
953 [:: bs2b.dll ::]
954
955 Plugin Name: "Bauer stereophonic-to-binaural 0.9.1 (3.1.0)"
956 Plugin Label: "bs2b"
957 Plugin Unique ID: 4221
958 Maker: "Boris Mikhaylov, Sebastian Pipping"
959 Copyright: "GPL 2 or later"
960 Must Run Real-Time: No
961 Has activate() Function: Yes
962 Has deactivate() Function: No
963 Has run_adding() Function: No
964 Environment: Normal
965 Ports: →"Lowpass filter cut frequency (Hz)" input, control, 300 to 2000,
default 725
966 →"Feeding level (dB)" input, control, 1 to 15, default 4.5
```

```
967  →"Input left" input, audio
968  →"Input right" input, audio
969  →"Output left" output, audio
970  →"Output right" output, audio
971
972  [:: butterworth_1902.dll ::]
973
974  Plugin Name: "Glame Butterworth X-over Filter"
975  Plugin Label: "bwxover_iir"
976  Plugin Unique ID: 1902
977  Maker: "Alexander Ehlert <mag@glame.de>"
978  Copyright: "GPL"
979  Must Run Real-Time: No
980  Has activate() Function: Yes
981  Has deactivate() Function: No
982  Has run_adding() Function: Yes
983  Environment: Normal or Hard Real-Time
984  Ports: →"Cutoff Frequency (Hz)" input, control, 0.0001*srate to
          0.45*srate, default 0.000819036*srate, logarithmic
985  →"Resonance" input, control, 0.1 to 1.41, default 0.755
986  →"Input" input, audio
987  →"LP-Output" output, audio
988  →"HP-Output" output, audio
989
990  Plugin Name: "GLAME Butterworth Lowpass"
991  Plugin Label: "buttlow_iir"
992  Plugin Unique ID: 1903
993  Maker: "Alexander Ehlert <mag@glame.de>"
994  Copyright: "GPL"
995  Must Run Real-Time: No
996  Has activate() Function: Yes
997  Has deactivate() Function: No
998  Has run_adding() Function: Yes
999  Environment: Normal or Hard Real-Time
1000  Ports: →"Cutoff Frequency (Hz)" input, control, 0.0001*srate to
          0.45*srate, default 0.000819036*srate, logarithmic
1001  →"Resonance" input, control, 0.1 to 1.41, default 0.755
1002  →"Input" input, audio
1003  →"Output" output, audio
1004
1005  Plugin Name: "GLAME Butterworth Highpass"
1006  Plugin Label: "butthigh_iir"
1007  Plugin Unique ID: 1904
1008  Maker: "Alexander Ehlert <mag@glame.de>"
1009  Copyright: "GPL"
1010  Must Run Real-Time: No
1011  Has activate() Function: Yes
1012  Has deactivate() Function: No
1013  Has run_adding() Function: Yes
1014  Environment: Normal or Hard Real-Time
1015  Ports: →"Cutoff Frequency (Hz)" input, control, 0.0001*srate to
          0.45*srate, default 0.000819036*srate, logarithmic
```

```
1016  →"Resonance" input, control, 0.1 to 1.41, default 0.755
1017  →"Input" input, audio
1018  →"Output" output, audio
1019
1020  [:: calf.dll ::]
1021
1022  Plugin Name: "Calf Filter LADSPA"
1023  Plugin Label: "Filter"
1024  Plugin Unique ID: 33919
1025  Maker: "Krzysztof Foltman"
1026  Copyright: "(C) 2001-2008 Krzysztof Foltman, license: LGPL"
1027  Must Run Real-Time: No
1028  Has activate() Function: Yes
1029  Has deactivate() Function: Yes
1030  Has run_adding() Function: No
1031  Environment: Normal or Hard Real-Time
1032  Ports: →"In L" input, audio
1033  →"In R" input, audio
1034  →"Out L" output, audio
1035  →"Out R" output, audio
1036  →"Frequency" input, control, 10 to 20000, default 2990.7, logarithmic
1037  →"Resonance" input, control, 0.707 to 32, default 0.707
1038  →"Mode" input, control, 0 to 11, default 0, integer
1039  →"Inertia" input, control, 5 to 100, default 22.3607, logarithmic
1040
1041  Plugin Name: "Calf Filterclavier LADSPA"
1042  Plugin Label: "Filterclavier"
1043  Plugin Unique ID: 33951
1044  Maker: "Krzysztof Foltman / Hans Baier"
1045  Copyright: "(C) 2001-2008 Krzysztof Foltman, license: LGPL"
1046  Must Run Real-Time: No
1047  Has activate() Function: Yes
1048  Has deactivate() Function: Yes
1049  Has run_adding() Function: No
1050  Environment: Normal or Hard Real-Time
1051  Ports: →"In L" input, audio
1052  →"In R" input, audio
1053  →"Out L" output, audio
1054  →"Out R" output, audio
1055  →"Transpose" input, control, -48 to 48, default 0, integer
1056  →"Detune" input, control, -100 to 100, default 0, integer
1057  →"Max. Resonance" input, control, 0.707 to 32, default 32
1058  →"Mode" input, control, 0 to 11, integer
1059  →"Portamento time" input, control, 1 to 2000, default 44.7214, logarithmic
1060
1061  Plugin Name: "Calf Flanger LADSPA"
1062  Plugin Label: "Flanger"
1063  Plugin Unique ID: 33917
1064  Maker: "Krzysztof Foltman"
1065  Copyright: "(C) 2001-2008 Krzysztof Foltman, license: LGPL"
1066  Must Run Real-Time: No
1067  Has activate() Function: Yes
```

```
1068 Has deactivate() Function: Yes
1069 Has run_adding() Function: No
1070 Environment: Normal or Hard Real-Time
1071 Ports:→"In L" input, audio
1072 →"In R" input, audio
1073 →"Out L" output, audio
1074 →"Out R" output, audio
1075 →"Minimum delay" input, control, 0.1 to 10, default 0.1, logarithmic
1076 →"Modulation depth" input, control, 0.1 to 10, default 0.316228,
logarithmic
1077 →"Modulation rate" input, control, 0.01 to 20, default 0.447214,
logarithmic
1078 →"Feedback" input, control, -0.99 to 0.99, default 0.99
1079 →"Stereo phase" input, control, 0 to 360, default 0
1080 →"Reset" input, control, toggled, default 0
1081 →"Amount" input, control, 0 to 4, default 1
1082 →"Dry Amount" input, control, 0 to 4, default 1
1083
1084 Plugin Name: "Calf Reverb LADSPA"
1085 Plugin Label: "Reverb"
1086 Plugin Unique ID: 33918
1087 Maker: "Krzysztof Foltman"
1088 Copyright: "(C) 2001-2008 Krzysztof Foltman, license: LGPL"
1089 Must Run Real-Time: No
1090 Has activate() Function: Yes
1091 Has deactivate() Function: Yes
1092 Has run_adding() Function: No
1093 Environment: Normal or Hard Real-Time
1094 Ports:→"In L" input, audio
1095 →"In R" input, audio
1096 →"Out L" output, audio
1097 →"Out R" output, audio
1098 →"Decay time" input, control, 0.4 to 15, default 0.989846, logarithmic
1099 →"High Frq Damp" input, control, 2000 to 20000, default 6324.56,
logarithmic
1100 →"Room size" input, control, 0 to 5, integer
1101 →"Diffusion" input, control, 0 to 1, default 0.5
1102 →"Wet Amount" input, control, 0 to 2, default 0.5
1103 →"Dry Amount" input, control, 0 to 2, default 1
1104 →"Pre Delay" input, control, 0 to 50, default 0
1105 →"Bass Cut" input, control, 20 to 20000, default 632.456, logarithmic
1106 →"Treble Cut" input, control, 20 to 20000, default 3556.56, logarithmic
1107
1108 Plugin Name: "Calf Vintage Delay LADSPA"
1109 Plugin Label: "VintageDelay"
1110 Plugin Unique ID: 33922
1111 Maker: "Krzysztof Foltman"
1112 Copyright: "(C) 2001-2008 Krzysztof Foltman, license: LGPL"
1113 Must Run Real-Time: No
1114 Has activate() Function: Yes
1115 Has deactivate() Function: Yes
1116 Has run_adding() Function: No
```

```
1117 Environment: Normal or Hard Real-Time
1118 Ports: → "In L" input, audio
1119 → "In R" input, audio
1120 → "Out L" output, audio
1121 → "Out R" output, audio
1122 → "Tempo" input, control, 30 to 300, default 97.5
1123 → "Subdivide" input, control, 1 to 16, integer
1124 → "Time L" input, control, 1 to 16, integer
1125 → "Time R" input, control, 1 to 16, integer
1126 → "Feedback" input, control, 0 to 1, default 0.5
1127 → "Amount" input, control, 0 to 4, default 0
1128 → "Mix mode" input, control, 0 to 1, default 1, integer
1129 → "Medium" input, control, 0 to 2, default 1, integer
1130 → "Dry Amount" input, control, 0 to 4, default 1
1131
1132 Plugin Name: "Calf Rotary Speaker LADSPA"
1133 Plugin Label: "RotarySpeaker"
1134 Plugin Unique ID: 33923
1135 Maker: "Krzysztof Foltman"
1136 Copyright: "(C) 2001-2008 Krzysztof Foltman, license: LGPL"
1137 Must Run Real-Time: No
1138 Has activate() Function: Yes
1139 Has deactivate() Function: Yes
1140 Has run_adding() Function: No
1141 Environment: Normal or Hard Real-Time
1142 Ports: → "In L" input, audio
1143 → "In R" input, audio
1144 → "Out L" output, audio
1145 → "Out R" output, audio
1146 → "Speed Mode" input, control, 0 to 5, integer
1147 → "Tap Spacing" input, control, 0 to 1, default 0.5
1148 → "Tap Offset" input, control, 0 to 1, default 0.5
1149 → "Mod Depth" input, control, 0 to 1, default 0
1150 → "Treble Motor" input, control, 10 to 600, default 600, logarithmic
1151 → "Bass Motor" input, control, 10 to 600, default 600, logarithmic
1152 → "Mic Distance" input, control, 0 to 1, default 0.75
1153 → "Reflection" input, control, 0 to 1, default 0.25
1154
1155 Plugin Name: "Calf Phaser LADSPA"
1156 Plugin Label: "Phaser"
1157 Plugin Unique ID: 33924
1158 Maker: "Krzysztof Foltman"
1159 Copyright: "(C) 2001-2008 Krzysztof Foltman, license: LGPL"
1160 Must Run Real-Time: No
1161 Has activate() Function: Yes
1162 Has deactivate() Function: Yes
1163 Has run_adding() Function: No
1164 Environment: Normal or Hard Real-Time
1165 Ports: → "In L" input, audio
1166 → "In R" input, audio
1167 → "Out L" output, audio
1168 → "Out R" output, audio
```

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1169 →"Center Freq" input, control, 20 to 20000, default 632.456, logarithmic
1170 →"Modulation depth" input, control, 0 to 10800, default 5400
1171 →"Modulation rate" input, control, 0.01 to 20, default 0.447214,
logarithmic
1172 →"Feedback" input, control, -0.99 to 0.99, default 0
1173 →"# Stages" input, control, 1 to 12, integer
1174 →"Stereo phase" input, control, 0 to 360, default 180
1175 →"Reset" input, control, toggled, default 0
1176 →"Amount" input, control, 0 to 4, default 1
1177 →"Dry Amount" input, control, 0 to 4, default 1
1178
1179 Plugin Name: "Calf MultiChorus LADSPA"
1180 Plugin Label: "MultiChorus"
1181 Plugin Unique ID: 34049
1182 Maker: "Krzysztof Foltman"
1183 Copyright: "(C) 2001-2008 Krzysztof Foltman, license: LGPL"
1184 Must Run Real-Time: No
1185 Has activate() Function: Yes
1186 Has deactivate() Function: Yes
1187 Has run_adding() Function: No
1188 Environment: Normal or Hard Real-Time
1189 Ports: →"In L" input, audio
1190 →"In R" input, audio
1191 →"Out L" output, audio
1192 →"Out R" output, audio
1193 →"Minimum delay" input, control, 0.1 to 10, default 3.16228, logarithmic
1194 →"Modulation depth" input, control, 0.1 to 10, default 10, logarithmic
1195 →"Modulation rate" input, control, 0.01 to 20, default 0.447214,
logarithmic
1196 →"Stereo phase" input, control, 0 to 360, default 180
1197 →"Voices" input, control, 1 to 8, integer
1198 →"Inter-voice phase" input, control, 0 to 360, default 90
1199 →"Amount" input, control, 0 to 4, default 2
1200 →"Dry Amount" input, control, 0 to 4, default 1
1201 →"Center Frq 1" input, control, 10 to 20000, default 100, logarithmic
1202 →"Center Frq 2" input, control, 10 to 20000, default 2990.7, logarithmic
1203 →"Q" input, control, 0.125 to 8, default 0.125, logarithmic
1204
1205 Plugin Name: "Calf Compressor LADSPA"
1206 Plugin Label: "Compressor"
1207 Plugin Unique ID: 34050
1208 Maker: "Thor Harald Johansen"
1209 Copyright: "(C) 2001-2008 Krzysztof Foltman, license: LGPL"
1210 Must Run Real-Time: No
1211 Has activate() Function: Yes
1212 Has deactivate() Function: Yes
1213 Has run_adding() Function: No
1214 Environment: Normal or Hard Real-Time
1215 Ports: →"In L" input, audio
1216 →"In R" input, audio
1217 →"Out L" output, audio
1218 →"Out R" output, audio
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1219 →"Threshold" input, control, 0.000976563 to 1, default 0.250732
1220 →"Ratio" input, control, 1 to 20, default 1
1221 →"Attack" input, control, 0.01 to 2000, default 4.47214, logarithmic
1222 →"Release" input, control, 0.01 to 2000, default 94.5742, logarithmic
1223 →"Makeup Gain" input, control, 1 to 64, default 1
1224 →"Knee" input, control, 1 to 8, default 2.75
1225 →"Detection" input, control, 0 to 1, default 0, integer
1226 →"Stereo Link" input, control, 0 to 1, default 0, integer
1227 →"A-weighting" input, control, toggled, default 0
1228 →"Compression" output, control, 0.03125 to 1, default 0
1229 →"Peak Output" output, control, 0 to 1, default 0
1230 →"0dB" output, control, toggled, default 0
1231 →"Bypass" input, control, toggled, default 0
1232
1233 [:: caps.dll ::]
1234
1235 Plugin Name: "C*Eq - 10-band equalizer"
1236 Plugin Label: "Eq"
1237 Plugin Unique ID: 1773
1238 Maker: "Tim Goetze <tim@quitte.de>"
1239 Copyright: "GPL, 2004-7"
1240 Must Run Real-Time: No
1241 Has activate() Function: Yes
1242 Has deactivate() Function: No
1243 Has run_adding() Function: Yes
1244 Environment: Normal or Hard Real-Time
1245 Ports: →"in" input, audio
1246 →"31 Hz" input, control, -48 to 24, default 0
1247 →"63 Hz" input, control, -48 to 24, default 0
1248 →"125 Hz" input, control, -48 to 24, default 0
1249 →"250 Hz" input, control, -48 to 24, default 0
1250 →"500 Hz" input, control, -48 to 24, default 0
1251 →"1 kHz" input, control, -48 to 24, default 0
1252 →"2 kHz" input, control, -48 to 24, default 0
1253 →"4 kHz" input, control, -48 to 24, default 0
1254 →"8 kHz" input, control, -48 to 24, default 0
1255 →"16 kHz" input, control, -48 to 24, default 0
1256 →"out" output, audio
1257
1258 Plugin Name: "C*Eq2x2 - stereo 10-band equalizer"
1259 Plugin Label: "Eq2x2"
1260 Plugin Unique ID: 2594
1261 Maker: "Tim Goetze <tim@quitte.de>"
1262 Copyright: "GPL, 2004-7"
1263 Must Run Real-Time: No
1264 Has activate() Function: Yes
1265 Has deactivate() Function: No
1266 Has run_adding() Function: Yes
1267 Environment: Normal or Hard Real-Time
1268 Ports: →"in:l" input, audio
1269 →"in:r" input, audio
1270 →"31 Hz" input, control, -48 to 24, default 0

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1271  →"63 Hz" input, control, -48 to 24, default 0
1272  →"125 Hz" input, control, -48 to 24, default 0
1273  →"250 Hz" input, control, -48 to 24, default 0
1274  →"500 Hz" input, control, -48 to 24, default 0
1275  →"1 kHz" input, control, -48 to 24, default 0
1276  →"2 kHz" input, control, -48 to 24, default 0
1277  →"4 kHz" input, control, -48 to 24, default 0
1278  →"8 kHz" input, control, -48 to 24, default 0
1279  →"16 kHz" input, control, -48 to 24, default 0
1280  →"out:l" output, audio
1281  →"out:r" output, audio
1282
1283  Plugin Name: "C* Compress - Mono compressor"
1284  Plugin Label: "Compress"
1285  Plugin Unique ID: 1772
1286  Maker: "Tim Goetze <tim@quitte.de>, Steve Harris <steve@plugin.org.uk>"
1287  Copyright: "GPL, 2004-7"
1288  Must Run Real-Time: No
1289  Has activate() Function: Yes
1290  Has deactivate() Function: No
1291  Has run_adding() Function: Yes
1292  Environment: Normal or Hard Real-Time
1293  Ports: →"in" input, audio, -1 to 1
1294  →"gain (dB)" input, control, 0 to 24, default 6
1295  →"ratio (1:n)" input, control, 1 to 10, default 1
1296  →"attack (s)" input, control, 0.001 to 1, default 0.001
1297  →"release (s)" input, control, 0.001 to 1, default 0.5005
1298  →"threshold (dB)" input, control, -30 to 400, default 0
1299  →"knee radius (dB)" input, control, 1 to 10, default 3.25
1300  →"out" output, audio
1301
1302  Plugin Name: "C* Pan - Pan and width"
1303  Plugin Label: "Pan"
1304  Plugin Unique ID: 1788
1305  Maker: "Tim Goetze <tim@quitte.de>"
1306  Copyright: "GPL, 2004-7"
1307  Must Run Real-Time: No
1308  Has activate() Function: Yes
1309  Has deactivate() Function: No
1310  Has run_adding() Function: Yes
1311  Environment: Normal or Hard Real-Time
1312  Ports: →"in" input, audio
1313  →"pan" input, control, -1 to 1, default 0
1314  →"width" input, control, 0 to 1, default 0
1315  →"t" input, control, 0.1 to 40, default 10.075
1316  →"mono" input, control, 0 to 1, ERROR: TOGGLED INCOMPATIBLE WITH OTHER
HINT, default 0, integer
1317  →"out:l" output, audio
1318  →"out:r" output, audio
1319
1320  Plugin Name: "C* Narrower - Stereo image width reduction"
1321  Plugin Label: "Narrower"
```

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1322 Plugin Unique ID: 2595
1323 Maker: "Tim Goetze <tim@quitte.de>"
1324 Copyright: "GPL, 2011"
1325 Must Run Real-Time: No
1326 Has activate() Function: Yes
1327 Has deactivate() Function: No
1328 Has run_adding() Function: Yes
1329 Environment: Normal or Hard Real-Time
1330 Ports: → "in:l" input, audio
1331 → "in:r" input, audio
1332 → "strength" input, control, 0 to 1, default 0.25
1333 → "out:l" output, audio
1334 → "out:r" output, audio
1335
1336 Plugin Name: "C* PreampIII - Tube preamp emulation"
1337 Plugin Label: "PreampIII"
1338 Plugin Unique ID: 1776
1339 Maker: "Tim Goetze <tim@quitte.de>"
1340 Copyright: "GPL, 2002-7"
1341 Must Run Real-Time: No
1342 Has activate() Function: Yes
1343 Has deactivate() Function: No
1344 Has run_adding() Function: Yes
1345 Environment: Normal or Hard Real-Time
1346 Ports: → "in" input, audio, -1 to 1
1347 → "gain" input, control, 0 to 10, default 1
1348 → "temperature" input, control, 0.005 to 1, default 0.25375
1349 → "out" output, audio
1350 → "latency" output, control
1351
1352 Plugin Name: "C* PreampIV - Tube preamp emulation + tone controls"
1353 Plugin Label: "PreampIV"
1354 Plugin Unique ID: 1777
1355 Maker: "Tim Goetze <tim@quitte.de>"
1356 Copyright: "GPL, 2002-7"
1357 Must Run Real-Time: No
1358 Has activate() Function: Yes
1359 Has deactivate() Function: No
1360 Has run_adding() Function: Yes
1361 Environment: Normal or Hard Real-Time
1362 Ports: → "in" input, audio, -1 to 1
1363 → "gain" input, control, 0 to 10, default 1
1364 → "temperature" input, control, 0.005 to 1, default 0.5025
1365 → "bass" input, control, -20 to 20, default 0
1366 → "mid" input, control, -20 to 20, default 0
1367 → "treble" input, control, -20 to 20, default 0
1368 → "hi" input, control, -20 to 20, default 0
1369 → "out" output, audio
1370 → "latency" output, control
1371
1372 Plugin Name: "C* ToneStack - Tone stack emulation"
1373 Plugin Label: "ToneStack"
```

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1374 Plugin Unique ID: 2589
1375 Maker: "David Yeh <dtyeh@ccrma.stanford.edu>"
1376 Copyright: "GPL, 2006-7"
1377 Must Run Real-Time: No
1378 Has activate() Function: Yes
1379 Has deactivate() Function: No
1380 Has run_adding() Function: Yes
1381 Environment: Normal or Hard Real-Time
1382 Ports: → "in" input, audio, -1 to 1
1383 → "model" input, control, 0 to 5, default 0, integer
1384 → "bass" input, control, 0 to 1, default 0.5
1385 → "mid" input, control, 0 to 1, default 0.5
1386 → "treble" input, control, 0 to 1, default 0.5
1387 → "out" output, audio
1388
1389 Plugin Name: "C* ToneStackLT - Tone stack emulation, lattice filter 44.1"
1390 Plugin Label: "ToneStackLT"
1391 Plugin Unique ID: 2590
1392 Maker: "David Yeh <dtyeh@ccrma.stanford.edu>"
1393 Copyright: "GPL, 2006-7"
1394 Must Run Real-Time: No
1395 Has activate() Function: Yes
1396 Has deactivate() Function: No
1397 Has run_adding() Function: Yes
1398 Environment: Normal or Hard Real-Time
1399 Ports: → "in" input, audio, -1 to 1
1400 → "bass" input, control, 0 to 1, default 0.5
1401 → "mid" input, control, 0 to 1, default 0.5
1402 → "treble" input, control, 0 to 1, default 0.5
1403 → "out" output, audio
1404
1405 Plugin Name: "C* AmpIII - Tube amp"
1406 Plugin Label: "AmpIII"
1407 Plugin Unique ID: 1786
1408 Maker: "Tim Goetze <tim@quitte.de>"
1409 Copyright: "GPL, 2002-7"
1410 Must Run Real-Time: No
1411 Has activate() Function: Yes
1412 Has deactivate() Function: No
1413 Has run_adding() Function: Yes
1414 Environment: Normal or Hard Real-Time
1415 Ports: → "in" input, audio, -1 to 1
1416 → "gain" input, control, 0 to 10, default 1
1417 → "temperature" input, control, 0.005 to 1, default 0.5025
1418 → "drive" input, control, 0.0001 to 1, default 1
1419 → "out" output, audio
1420 → "latency" output, control
1421
1422 Plugin Name: "C* AmpIV - Tube amp + tone controls"
1423 Plugin Label: "AmpIV"
1424 Plugin Unique ID: 1794
1425 Maker: "Tim Goetze <tim@quitte.de>"
```

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1426 Copyright: "GPL, 2002-7"
1427 Must Run Real-Time: No
1428 Has activate() Function: Yes
1429 Has deactivate() Function: No
1430 Has run_adding() Function: Yes
1431 Environment: Normal or Hard Real-Time
1432 Ports: →"in" input, audio, -1 to 1
1433 →"gain" input, control, 0 to 10, default 1
1434 →"temperature" input, control, 0.005 to 1, default 0.5025
1435 →"bass" input, control, -20 to 20, default 0
1436 →"mid" input, control, -20 to 20, default 0
1437 →"treble" input, control, -20 to 20, default 0
1438 →"hi" input, control, -20 to 20, default 0
1439 →"drive" input, control, 0.0001 to 1, default 1
1440 →"out" output, audio
1441 →"latency" output, control
1442
1443 Plugin Name: "C* AmpV - Tube amp"
1444 Plugin Label: "AmpV"
1445 Plugin Unique ID: 2587
1446 Maker: "Tim Goetze <tim@quitte.de>"
1447 Copyright: "GPL, 2002-7"
1448 Must Run Real-Time: No
1449 Has activate() Function: Yes
1450 Has deactivate() Function: No
1451 Has run_adding() Function: Yes
1452 Environment: Normal or Hard Real-Time
1453 Ports: →"in" input, audio, -1 to 1
1454 →"gain" input, control, 0 to 3, default 1
1455 →"bass" input, control, -9 to 9, default 0
1456 →"tone" input, control, 0 to 1, default 0
1457 →"drive" input, control, 0.0001 to 1, default 0.750025
1458 →"watts" input, control, 5 to 150, default 77.5
1459 →"out" output, audio
1460 →"latency" output, control
1461
1462 Plugin Name: "C* AmpVTS - Tube amp + Tone stack"
1463 Plugin Label: "AmpVTS"
1464 Plugin Unique ID: 2592
1465 Maker: "David Yeh <dtyeh@ccrma.stanford.edu> & Tim Goetze <tim@quitte.de>"
1466 Copyright: "GPL, 2002-7"
1467 Must Run Real-Time: No
1468 Has activate() Function: Yes
1469 Has deactivate() Function: No
1470 Has run_adding() Function: Yes
1471 Environment: Normal or Hard Real-Time
1472 Ports: →"in" input, audio, -1 to 1
1473 →"model" input, control, 0 to 5, default 0, integer
1474 →"gain" input, control, 0 to 3, default 2.25
1475 →"bass" input, control, 0 to 1, default 0.5
1476 →"mid" input, control, 0 to 1, default 1
1477 →"treble" input, control, 0 to 1, default 0.75
```

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1478 →"drive" input, control, 0.0001 to 1, default 0.250075
1479 →"watts" input, control, 0.0001 to 1, default 0.750025
1480 →"out" output, audio
1481 →"latency" output, control
1482
1483 Plugin Name: "C* CabinetI - Loudspeaker cabinet emulation"
1484 Plugin Label: "CabinetI"
1485 Plugin Unique ID: 1766
1486 Maker: "Tim Goetze <tim@quitte.de>"
1487 Copyright: "GPL, 2002-7"
1488 Must Run Real-Time: No
1489 Has activate() Function: Yes
1490 Has deactivate() Function: No
1491 Has run_adding() Function: Yes
1492 Environment: Normal or Hard Real-Time
1493 Ports: →"in" input, audio, -1 to 1
1494 →"model" input, control, 0 to 5, default 1, integer
1495 →"gain (dB)" input, control, -24 to 24, default 0
1496 →"out" output, audio
1497
1498 Plugin Name: "C* CabinetII - Refined loudspeaker cabinet emulation"
1499 Plugin Label: "CabinetII"
1500 Plugin Unique ID: 2581
1501 Maker: "Tim Goetze <tim@quitte.de>"
1502 Copyright: "GPL, 2002-7"
1503 Must Run Real-Time: No
1504 Has activate() Function: Yes
1505 Has deactivate() Function: No
1506 Has run_adding() Function: Yes
1507 Environment: Normal or Hard Real-Time
1508 Ports: →"in" input, audio, -1 to 1
1509 →"model" input, control, 0 to 7, default 1, integer
1510 →"gain (dB)" input, control, -24 to 24, default 0
1511 →"out" output, audio
1512
1513 Plugin Name: "C* Clip - Hard clipper, 8x oversampled"
1514 Plugin Label: "Clip"
1515 Plugin Unique ID: 1771
1516 Maker: "Tim Goetze <tim@quitte.de>"
1517 Copyright: "GPL, 2003-7"
1518 Must Run Real-Time: No
1519 Has activate() Function: Yes
1520 Has deactivate() Function: No
1521 Has run_adding() Function: Yes
1522 Environment: Normal or Hard Real-Time
1523 Ports: →"in" input, audio, -1 to 1
1524 →"gain (dB)" input, control, -72 to 72, default 1
1525 →"out" output, audio
1526 →"latency" output, control
1527
1528 Plugin Name: "C* ChorusI - Mono chorus/flanger"
1529 Plugin Label: "ChorusI"
```

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1530 Plugin Unique ID: 1767
1531 Maker: "Tim Goetze <tim@quitte.de>"
1532 Copyright: "GPL, 2004-7"
1533 Must Run Real-Time: No
1534 Has activate() Function: Yes
1535 Has deactivate() Function: No
1536 Has run_adding() Function: Yes
1537 Environment: Normal or Hard Real-Time
1538 Ports: → "in" input, audio, -1 to 1
1539 → "t (ms)" input, control, 2.5 to 40, default 5, logarithmic
1540 → "width (ms)" input, control, 0.5 to 10, default 1
1541 → "rate (Hz)" input, control, 0 to 5, default 1.25
1542 → "blend" input, control, 0 to 1, default 1
1543 → "feedforward" input, control, 0 to 1, default 0.25
1544 → "feedback" input, control, 0 to 1, default 0
1545 → "out" output, audio
1546
1547 Plugin Name: "C* StereoChorusI - Stereo chorus/flanger"
1548 Plugin Label: "StereoChorusI"
1549 Plugin Unique ID: 1768
1550 Maker: "Tim Goetze <tim@quitte.de>"
1551 Copyright: "GPL, 2004-7"
1552 Must Run Real-Time: No
1553 Has activate() Function: Yes
1554 Has deactivate() Function: No
1555 Has run_adding() Function: Yes
1556 Environment: Normal or Hard Real-Time
1557 Ports: → "in" input, audio, -1 to 1
1558 → "t (ms)" input, control, 2.5 to 40, default 2.5
1559 → "width (ms)" input, control, 0.5 to 10, default 1
1560 → "rate (Hz)" input, control, 0 to 5, default 1.25
1561 → "phase" input, control, 0 to 1, default 1
1562 → "blend" input, control, 0 to 1, default 1
1563 → "feedforward" input, control, 0 to 1, default 0.25
1564 → "feedback" input, control, 0 to 1, default 0
1565 → "out:l" output, audio
1566 → "out:r" output, audio
1567
1568 Plugin Name: "C* ChorusII - Mono chorus/flanger modulated by a fractal"
1569 Plugin Label: "ChorusII"
1570 Plugin Unique ID: 2583
1571 Maker: "Tim Goetze <tim@quitte.de>"
1572 Copyright: "GPL, 2004-7"
1573 Must Run Real-Time: No
1574 Has activate() Function: Yes
1575 Has deactivate() Function: No
1576 Has run_adding() Function: Yes
1577 Environment: Normal or Hard Real-Time
1578 Ports: → "in" input, audio, -1 to 1
1579 → "t (ms)" input, control, 2.5 to 40, default 5, logarithmic
1580 → "width (ms)" input, control, 0.5 to 10, default 1
1581 → "rate" input, control, 0 to 1, default 0.25
```

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1582  →"blend" input, control, 0 to 1, default 1
1583  →"feedforward" input, control, 0 to 1, default 0.25
1584  →"feedback" input, control, 0 to 1, default 0
1585  →"out" output, audio
1586
1587  Plugin Name: "C* StereoChorusII -- Stereo chorus/flanger modulated by a
fractal"
1588  Plugin Label: "StereoChorusII"
1589  Plugin Unique ID: 2584
1590  Maker: "Tim Goetze <tim@quitte.de>"
1591  Copyright: "GPL, 2004-7"
1592  Must Run Real-Time: No
1593  Has activate() Function: Yes
1594  Has deactivate() Function: No
1595  Has run_adding() Function: Yes
1596  Environment: Normal or Hard Real-Time
1597  Ports: →"in" input, audio, -1 to 1
1598  →"t (ms)" input, control, 2.5 to 40, default 11.875
1599  →"width (ms)" input, control, 0.5 to 10, default 2.875
1600  →"rate" input, control, 0 to 1, default 0.25
1601  →"blend" input, control, 0 to 1, default 1
1602  →"feedforward" input, control, 0 to 1, default 0.5
1603  →"feedback" input, control, 0 to 1, default 0
1604  →"out:l" output, audio
1605  →"out:r" output, audio
1606
1607  Plugin Name: "C* PhaserI -- Mono phaser"
1608  Plugin Label: "PhaserI"
1609  Plugin Unique ID: 1775
1610  Maker: "Tim Goetze <tim@quitte.de>"
1611  Copyright: "GPL, 2002-7"
1612  Must Run Real-Time: No
1613  Has activate() Function: Yes
1614  Has deactivate() Function: No
1615  Has run_adding() Function: Yes
1616  Environment: Normal or Hard Real-Time
1617  Ports: →"in" input, audio, -1 to 1
1618  →"rate (Hz)" input, control, 0 to 10, default 1
1619  →"depth" input, control, 0 to 1, default 0.75
1620  →"spread" input, control, 0 to 3.14159, default 0.785398
1621  →"feedback" input, control, 0 to 0.999, default 0.74925
1622  →"out" output, audio
1623
1624  Plugin Name: "C* PhaserII -- Mono phaser modulated by a Lorenz fractal"
1625  Plugin Label: "PhaserII"
1626  Plugin Unique ID: 2586
1627  Maker: "Tim Goetze <tim@quitte.de>"
1628  Copyright: "GPL, 2002-7"
1629  Must Run Real-Time: No
1630  Has activate() Function: Yes
1631  Has deactivate() Function: No
1632  Has run_adding() Function: Yes
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1633 Environment: Normal or Hard Real-Time
1634 Ports: →"in" input, audio, -1 to 1
1635 →"rate" input, control, 0 to 1, default 0.25
1636 →"depth" input, control, 0 to 1, default 0.75
1637 →"spread" input, control, 0 to 1.5708, default 0.392699
1638 →"feedback" input, control, 0 to 0.999, default 0.74925
1639 →"out" output, audio
1640
1641 Plugin Name: "C* SweepVFI - Resonant filter swept by a Lorenz fractal"
1642 Plugin Label: "SweepVFI"
1643 Plugin Unique ID: 1782
1644 Maker: "Tim Goetze <tim@quitte.de>"
1645 Copyright: "GPL, 2004-7"
1646 Must Run Real-Time: No
1647 Has activate() Function: Yes
1648 Has deactivate() Function: No
1649 Has run_adding() Function: Yes
1650 Environment: Normal or Hard Real-Time
1651 Ports: →"in" input, audio
1652 →"f" input, control, 83 to 3383, default 209.717, logarithmic
1653 →"Q" input, control, 0.001 to 0.999, default 0.5
1654 →"mode" input, control, 0 to 1, default 1, integer
1655 →"depth:x" input, control, 0 to 1, default 0.25
1656 →"depth:y" input, control, 0 to 1, default 0.5
1657 →"depth:z" input, control, 0 to 1, default 1
1658 →"h" input, control, 0.001 to 1, default 0.25075
1659 →"out" output, audio
1660
1661 Plugin Name: "C* SweepVFII - Resonant filter, f and Q swept by a Lorenz
fractal"
1662 Plugin Label: "SweepVFII"
1663 Plugin Unique ID: 2582
1664 Maker: "Tim Goetze <tim@quitte.de>"
1665 Copyright: "GPL, 2004-7"
1666 Must Run Real-Time: No
1667 Has activate() Function: Yes
1668 Has deactivate() Function: No
1669 Has run_adding() Function: Yes
1670 Environment: Normal or Hard Real-Time
1671 Ports: →"in" input, audio
1672 →"f" input, control, 83 to 3383, default 209.717, logarithmic
1673 →"Q" input, control, 0.001 to 0.999, default 0.5
1674 →"mode" input, control, 0 to 1, default 1, integer
1675 →"f:depth:x" input, control, 0 to 1, default 0.25
1676 →"f:depth:y" input, control, 0 to 1, default 0.5
1677 →"f:depth:z" input, control, 0 to 1, default 1
1678 →"f:h" input, control, 0.001 to 1, default 0.25075
1679 →"Q:depth:x" input, control, 0 to 1, default 0.25
1680 →"Q:depth:y" input, control, 0 to 1, default 0.5
1681 →"Q:depth:z" input, control, 0 to 1, default 1
1682 →"Q:h" input, control, 0.001 to 1, default 0.25075
1683 →"out" output, audio
```

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1684
1685 Plugin Name: "C* AutoWah - Resonant envelope-following filter"
1686 Plugin Label: "AutoWah"
1687 Plugin Unique ID: 2593
1688 Maker: "Tim Goetze <tim@quitte.de>"
1689 Copyright: "GPL, 2004-7"
1690 Must Run Real-Time: No
1691 Has activate() Function: Yes
1692 Has deactivate() Function: No
1693 Has run_adding() Function: Yes
1694 Environment: Normal or Hard Real-Time
1695 Ports: → "in" input, audio
1696 → "f" input, control, 43 to 933, default 92.8051, logarithmic
1697 → "Q" input, control, 0.001 to 0.999, default 0.2505
1698 → "depth" input, control, 0 to 1, default 0.5
1699 → "out" output, audio
1700
1701 Plugin Name: "C* Scape - Stereo delay + Filters"
1702 Plugin Label: "Scape"
1703 Plugin Unique ID: 2588
1704 Maker: "Tim Goetze <tim@quitte.de>"
1705 Copyright: "GPL, 2004-7"
1706 Must Run Real-Time: No
1707 Has activate() Function: Yes
1708 Has deactivate() Function: No
1709 Has run_adding() Function: Yes
1710 Environment: Normal or Hard Real-Time
1711 Ports: → "in" input, audio, -1 to 1
1712 → "bpm" input, control, 30 to 240, default 82.5
1713 → "divider" input, control, 2 to 4, default 2, integer
1714 → "feedback" input, control, 0 to 1, default 0.25
1715 → "dry" input, control, 0 to 1, default 0.25
1716 → "blend" input, control, 0 to 1, default 0.75
1717 → "out:l" output, audio
1718 → "out:r" output, audio
1719
1720 Plugin Name: "C* VCOs - Virtual 'analogue' oscillator"
1721 Plugin Label: "VCOs"
1722 Plugin Unique ID: 1783
1723 Maker: "Tim Goetze <tim@quitte.de>"
1724 Copyright: "GPL, 2004-7"
1725 Must Run Real-Time: No
1726 Has activate() Function: Yes
1727 Has deactivate() Function: No
1728 Has run_adding() Function: Yes
1729 Environment: Normal or Hard Real-Time
1730 Ports: → "f" input, control, 1 to 5751, default 100, logarithmic
1731 → "tri...saw" input, control, 0 to 1, default 0
1732 → "~...square" input, control, 0 to 1, default 0
1733 → "volume" input, control, 1e-006 to 1, default 0.5
1734 → "out" output, audio
1735
```

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1736 Plugin Name: "C* VCOd - Double VCO with detune and hard sync options"
1737 Plugin Label: "VCOd"
1738 Plugin Unique ID: 1784
1739 Maker: "Tim Goetze <tim@quitte.de>"
1740 Copyright: "GPL, 2004-7"
1741 Must Run Real-Time: No
1742 Has activate() Function: Yes
1743 Has deactivate() Function: No
1744 Has run_adding() Function: Yes
1745 Environment: Normal or Hard Real-Time
1746 Ports: → "f" input, control, 1 to 5751, default 100, logarithmic
1747 → "1: tri .. saw" input, control, 0 to 1, default 0
1748 → "1: ~ .. square" input, control, 0 to 1, default 0
1749 → "2: tri .. saw" input, control, 0 to 1, default 0
1750 → "2: ~ .. square" input, control, 0 to 1, default 0
1751 → "2: tune" input, control, -12 to 12, default 0
1752 → "sync" input, control, 0 to 1, default 0
1753 → "blend" input, control, -1 to 1, default 0.5
1754 → "volume" input, control, 1e-006 to 1, default 0.5
1755 → "out" output, audio
1756
1757 Plugin Name: "C* CEO - Chief Executive Oscillator"
1758 Plugin Label: "CEO"
1759 Plugin Unique ID: 1770
1760 Maker: "Tim Goetze <tim@quitte.de>"
1761 Copyright: "GPL, 2004-7"
1762 Must Run Real-Time: No
1763 Has activate() Function: Yes
1764 Has deactivate() Function: No
1765 Has run_adding() Function: Yes
1766 Environment: Normal or Hard Real-Time
1767 Ports: → "mpm" input, control, 4 to 244, default 184
1768 → "volume" input, control, 0 to 1, default 0.5
1769 → "damping" input, control, 0 to 1, default 0
1770 → "out" output, audio
1771
1772 Plugin Name: "C* Sin - Sine wave generator"
1773 Plugin Label: "Sin"
1774 Plugin Unique ID: 1781
1775 Maker: "Tim Goetze <tim@quitte.de>"
1776 Copyright: "GPL, 2004-7"
1777 Must Run Real-Time: No
1778 Has activate() Function: Yes
1779 Has deactivate() Function: No
1780 Has run_adding() Function: Yes
1781 Environment: Normal or Hard Real-Time
1782 Ports: → "f" input, control, 0.0001 to 20000, default 100, logarithmic
1783 → "volume" input, control, 1e-006 to 1, default 0.5
1784 → "out" output, audio
1785
1786 Plugin Name: "C* White - White noise generator"
1787 Plugin Label: "White"
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1788 Plugin Unique ID: 1785
1789 Maker: "Tim Goetze <tim@quitte.de>"
1790 Copyright: "GPL, 2004-7"
1791 Must Run Real-Time: No
1792 Has activate() Function: Yes
1793 Has deactivate() Function: No
1794 Has run_adding() Function: Yes
1795 Environment: Normal or Hard Real-Time
1796 Ports: →"volume" input, control, 1e-006 to 1, default 0.5
1797 →"out" output, audio
1798
1799 Plugin Name: "C* Lorenz - The sound of a Lorenz attractor"
1800 Plugin Label: "Lorenz"
1801 Plugin Unique ID: 1774
1802 Maker: "Tim Goetze <tim@quitte.de>"
1803 Copyright: "GPL, 2004-7"
1804 Must Run Real-Time: No
1805 Has activate() Function: Yes
1806 Has deactivate() Function: No
1807 Has run_adding() Function: Yes
1808 Environment: Normal or Hard Real-Time
1809 Ports: →"h" input, control, 0 to 1, default 0.25
1810 →"x" input, control, 0 to 1, default 1
1811 →"y" input, control, 0 to 1, default 0
1812 →"z" input, control, 0 to 1, default 0
1813 →"volume" input, control, 1e-006 to 1, default 0.5
1814 →"out" output, audio
1815
1816 Plugin Name: "C* Roessler - The sound of a Roessler attractor"
1817 Plugin Label: "Roessler"
1818 Plugin Unique ID: 1780
1819 Maker: "Tim Goetze <tim@quitte.de>"
1820 Copyright: "GPL, 2004-7"
1821 Must Run Real-Time: No
1822 Has activate() Function: Yes
1823 Has deactivate() Function: No
1824 Has run_adding() Function: Yes
1825 Environment: Normal or Hard Real-Time
1826 Ports: →"h" input, control, 0 to 1, default 0.25
1827 →"x" input, control, 0 to 1, default 1
1828 →"y" input, control, 0 to 1, default 0.5
1829 →"z" input, control, 0 to 1, default 0
1830 →"volume" input, control, 1e-006 to 1, default 0.5
1831 →"out" output, audio
1832
1833 Plugin Name: "C* JVRev - Stanford-style reverb from STK"
1834 Plugin Label: "JVRev"
1835 Plugin Unique ID: 1778
1836 Maker: "Tim Goetze <tim@quitte.de>"
1837 Copyright: "GPL, 2004-7"
1838 Must Run Real-Time: No
1839 Has activate() Function: Yes
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1840 Has deactivate() Function: No
1841 Has run_adding() Function: Yes
1842 Environment: Normal or Hard Real-Time
1843 Ports: → "in" input, audio, -1 to 1
1844 → "t60 (s)" input, control, 0 to 4.6, default 2.3
1845 → "blend" input, control, 0 to 0.28, default 0.07
1846 → "out:l" output, audio
1847 → "out:r" output, audio
1848
1849 Plugin Name: "C* Plate -- Versatile plate reverb"
1850 Plugin Label: "Plate"
1851 Plugin Unique ID: 1779
1852 Maker: "Tim Goetze <tim@quitte.de>"
1853 Copyright: "GPL, 2004-7"
1854 Must Run Real-Time: No
1855 Has activate() Function: Yes
1856 Has deactivate() Function: No
1857 Has run_adding() Function: Yes
1858 Environment: Normal or Hard Real-Time
1859 Ports: → "in" input, audio, -1 to 1
1860 → "bandwidth" input, control, 0.005 to 0.999, default 0.502
1861 → "tail" input, control, 0 to 0.749, default 0.3745
1862 → "damping" input, control, 0.0005 to 1, default 0.250375
1863 → "blend" input, control, 0 to 1, default 0.25
1864 → "out:l" output, audio
1865 → "out:r" output, audio
1866
1867 Plugin Name: "C* Plate2x2 -- Versatile plate reverb, stereo inputs"
1868 Plugin Label: "Plate2x2"
1869 Plugin Unique ID: 1795
1870 Maker: "Tim Goetze <tim@quitte.de>"
1871 Copyright: "GPL, 2004-7"
1872 Must Run Real-Time: No
1873 Has activate() Function: Yes
1874 Has deactivate() Function: No
1875 Has run_adding() Function: Yes
1876 Environment: Normal or Hard Real-Time
1877 Ports: → "in:l" input, audio, -1 to 1
1878 → "in:r" input, audio, -1 to 1
1879 → "bandwidth" input, control, 0.005 to 0.999, default 0.502
1880 → "tail" input, control, 0 to 0.749, default 0.3745
1881 → "damping" input, control, 0.0005 to 1, default 0.250375
1882 → "blend" input, control, 0 to 1, default 0.25
1883 → "out:l" output, audio
1884 → "out:r" output, audio
1885
1886 Plugin Name: "C* Click -- Metronome"
1887 Plugin Label: "Click"
1888 Plugin Unique ID: 1769
1889 Maker: "Tim Goetze <tim@quitte.de>"
1890 Copyright: "GPL, 2004-7"
1891 Must Run Real-Time: No
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1892 Has activate() Function: Yes
1893 Has deactivate() Function: No
1894 Has run_adding() Function: Yes
1895 Environment: Normal or Hard Real-Time
1896 Ports: →"bpm" input, control, 4 to 244, default 64
1897 →"volume" input, control, 0 to 1, default 0.5
1898 →"damping" input, control, 0 to 1, default 0.75
1899 →"out" output, audio
1900
1901 Plugin Name: "C* Dirac - One-sample impulse generator"
1902 Plugin Label: "Dirac"
1903 Plugin Unique ID: 2585
1904 Maker: "Tim Goetze <tim@quitte.de>"
1905 Copyright: "GPL, 2004-7"
1906 Must Run Real-Time: No
1907 Has activate() Function: Yes
1908 Has deactivate() Function: No
1909 Has run_adding() Function: Yes
1910 Environment: Normal or Hard Real-Time
1911 Ports: →"ppm" input, control, 30 to 60, default 30
1912 →"volume" input, control, 0 to 1, default 0
1913 →"damping" input, control, 0 to 1, default 0
1914 →"out" output, audio
1915
1916 Plugin Name: "C* HRTF - Head-related transfer function at elevation 0"
1917 Plugin Label: "HRTF"
1918 Plugin Unique ID: 1787
1919 Maker: "Tim Goetze <tim@quitte.de>"
1920 Copyright: "GPL, 2004-7"
1921 Must Run Real-Time: No
1922 Has activate() Function: Yes
1923 Has deactivate() Function: No
1924 Has run_adding() Function: Yes
1925 Environment: Normal or Hard Real-Time
1926 Ports: →"in" input, audio, -1 to 1
1927 →"pan" input, control, -36 to 36, default 0, integer
1928 →"out:l" output, audio
1929 →"out:r" output, audio
1930
1931 [:: capture.dll ::]
1932
1933 Plugin Name: "capture"
1934 Plugin Label: "capture"
1935 Plugin Unique ID: 590
1936 Maker: "undefined"
1937 Copyright: "undefined"
1938 Must Run Real-Time: No
1939 Has activate() Function: Yes
1940 Has deactivate() Function: Yes
1941 Has run_adding() Function: No
1942 Environment: Normal or Hard Real-Time
1943 Ports: →"input00" input, audio
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1944  →"output00" output, audio
1945  →"capture" input, control, toggled
1946  →"level" input, control, -96 to 4
1947
1948  [:: chebstortion_1430.dll ::]
1949
1950  Plugin Name: "Chebyshev distortion"
1951  Plugin Label: "chebstortion"
1952  Plugin Unique ID: 1430
1953  Maker: "Steve Harris <steve@plugin.org.uk>"
1954  Copyright: "GPL"
1955  Must Run Real-Time: No
1956  Has activate() Function: Yes
1957  Has deactivate() Function: No
1958  Has run_adding() Function: Yes
1959  Environment: Normal or Hard Real-Time
1960  Ports: →"Distortion" input, control, 0 to 3, default 0
1961  →"Input" input, audio, -1 to 1
1962  →"Output" output, audio, -1 to 1
1963
1964  [:: clarinet.dll ::]
1965
1966  Plugin Name: "clarinet"
1967  Plugin Label: "clarinet"
1968  Plugin Unique ID: 933
1969  Maker: "undefined"
1970  Copyright: "undefined"
1971  Must Run Real-Time: No
1972  Has activate() Function: Yes
1973  Has deactivate() Function: Yes
1974  Has run_adding() Function: No
1975  Environment: Normal or Hard Real-Time
1976  Ports: →"output00" output, audio
1977  →"output01" output, audio
1978  →"basicparameters-freq" input, control, 20 to 20000
1979  →"basicparameters-gain" input, control, 0 to 1
1980  →"basicparameters-gate" input, control, toggled
1981  →"envelopesandvibrato-envelopeparameters-envelopeattack" input, control,
1982  0 to 2
1983  →"envelopesandvibrato-envelopeparameters-envelopedecay" input, control,
1984  0 to 2
1985  →"envelopesandvibrato-envelopeparameters-enveloperelease" input,
1986  control, 0 to 2
1987  →"envelopesandvibrato-vibratoparameters-vibratoattack" input, control, 0
1988  to 2
1989  →"envelopesandvibrato-vibratoparameters-vibratofreq" input, control, 1
1990  to 15
1991  →"envelopesandvibrato-vibratoparameters-vibratogain" input, control, 0
1992  to 1
1993  →"envelopesandvibrato-vibratoparameters-vibratorelease" input, control,
1994  0 to 2
1995  →"physicalandnonlinearity-nonlinearfilterparameters-modulationfrequency"

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input, control, 20 to 1000
1989 →"physicalandnonlinearity-nonlinearfilterparameters-modulationtype"
input, control, 0 to 4
1990 →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearity" input,
control, 0 to 1
1991 →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearityattack"
input, control, 0 to 2
1992 →"physicalandnonlinearity-physicalparameters-noisegain" input, control,
0 to 1
1993 →"physicalandnonlinearity-physicalparameters-pressure" input, control, 0
to 1
1994 →"physicalandnonlinearity-physicalparameters-reedstiffness" input,
control, 0 to 1
1995 →"reverb-reverbgain" input, control, 0 to 1
1996 →"reverb-roomsize" input, control, 0.01 to 2
1997 →"spat-panangle" input, control, 0 to 1
1998 →"spat-spatialwidth" input, control, 0 to 1
1999
2000 [:: clipper.dll ::]
2001
2002 Plugin Name: "hard clipper (no antialiasing)"
2003 Plugin Label: "clipper"
2004 Plugin Unique ID: 1762
2005 Maker: "Tim Goetze <tim@quitte.de>"
2006 Copyright: "GPL, (C) 2002 <tim@quitte.de>"
2007 Must Run Real-Time: No
2008 Has activate() Function: Yes
2009 Has deactivate() Function: No
2010 Has run_adding() Function: Yes
2011 Environment: Normal or Hard Real-Time
2012 Ports: →"in" input, audio, -1 to 1, default 0
2013 →"out" output, audio, -1 to 1, default 0
2014
2015 [:: cmt.dll ::]
2016
2017 Plugin Name: "Ambisonic Decoder (B-Format to Cube)"
2018 Plugin Label: "bf2cube"
2019 Plugin Unique ID: 1092
2020 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2021 Copyright: "(C)2000, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2022 Must Run Real-Time: No
2023 Has activate() Function: No
2024 Has deactivate() Function: No
2025 Has run_adding() Function: No
2026 Environment: Normal or Hard Real-Time
2027 Ports: →"Input (W)" input, audio
2028 →"Input (X)" input, audio
2029 →"Input (Y)" input, audio
2030 →"Input (Z)" input, audio
2031 →"Output (Base Front Left)" output, audio
2032 →"Output (Base Front Right)" output, audio

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2033 →"Output (Base Back Left)" output, audio
2034 →"Output (Base Back Right)" output, audio
2035 →"Output (Top Front Left)" output, audio
2036 →"Output (Top Front Right)" output, audio
2037 →"Output (Top Back Left)" output, audio
2038 →"Output (Top Back Right)" output, audio
2039
2040 Plugin Name: "Ambisonic Decoder (B-Format to Quad)"
2041 Plugin Label: "bf2quad"
2042 Plugin Unique ID: 1091
2043 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2044 Copyright: "(C)2000, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2045 Must Run Real-Time: No
2046 Has activate() Function: No
2047 Has deactivate() Function: No
2048 Has run_adding() Function: No
2049 Environment: Normal or Hard Real-Time
2050 Ports: →"Input (W)" input, audio
2051 →"Input (X)" input, audio
2052 →"Input (Y)" input, audio
2053 →"Input (Z)" input, audio
2054 →"Output (Front Left)" output, audio
2055 →"Output (Front Right)" output, audio
2056 →"Output (Back Left)" output, audio
2057 →"Output (Back Right)" output, audio
2058
2059 Plugin Name: "Ambisonic Decoder (B-Format to Stereo)"
2060 Plugin Label: "bf2stereo"
2061 Plugin Unique ID: 1090
2062 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2063 Copyright: "(C)2000, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2064 Must Run Real-Time: No
2065 Has activate() Function: No
2066 Has deactivate() Function: No
2067 Has run_adding() Function: No
2068 Environment: Normal or Hard Real-Time
2069 Ports: →"Input (W)" input, audio
2070 →"Input (X)" input, audio
2071 →"Input (Y)" input, audio
2072 →"Input (Z)" input, audio
2073 →"Output (Left)" output, audio
2074 →"Output (Right)" output, audio
2075
2076 Plugin Name: "Ambisonic Decoder (FMH-Format to Octagon)"
2077 Plugin Label: "fmh2oct"
2078 Plugin Unique ID: 1093
2079 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2080 Copyright: "(C)2000, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2081 Must Run Real-Time: No
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2082 Has activate() Function: No
2083 Has deactivate() Function: No
2084 Has run_adding() Function: No
2085 Environment: Normal or Hard Real-Time
2086 Ports:→"Input (W)" input, audio
2087 →"Input (X)" input, audio
2088 →"Input (Y)" input, audio
2089 →"Input (Z)" input, audio
2090 →"Input (R)" input, audio
2091 →"Input (S)" input, audio
2092 →"Input (T)" input, audio
2093 →"Input (U)" input, audio
2094 →"Input (V)" input, audio
2095 →"Output (Front Front Left)" output, audio
2096 →"Output (Front Front Right)" output, audio
2097 →"Output (Front Right Right)" output, audio
2098 →"Output (Back Right Right)" output, audio
2099 →"Output (Back Back Right)" output, audio
2100 →"Output (Back Back Left)" output, audio
2101 →"Output (Back Left Left)" output, audio
2102 →"Output (Front Left Left)" output, audio
2103
2104 Plugin Name: "Ambisonic Encoder (B-Format)"
2105 Plugin Label: "encode_bformat"
2106 Plugin Unique ID: 1087
2107 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2108 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2109 Must Run Real-Time: No
2110 Has activate() Function: No
2111 Has deactivate() Function: No
2112 Has run_adding() Function: No
2113 Environment: Normal or Hard Real-Time
2114 Ports:→"Input" input, audio
2115 →"Sound Source X Coordinate" input, control, default 1
2116 →"Sound Source Y Coordinate" input, control, default 0
2117 →"Sound Source Z Coordinate" input, control, default 0
2118 →"Output (W)" output, audio
2119 →"Output (X)" output, audio
2120 →"Output (Y)" output, audio
2121 →"Output (Z)" output, audio
2122
2123 Plugin Name: "Ambisonic Encoder (FMH-Format)"
2124 Plugin Label: "encode_fmh"
2125 Plugin Unique ID: 1088
2126 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2127 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2128 Must Run Real-Time: No
2129 Has activate() Function: No
2130 Has deactivate() Function: No
2131 Has run_adding() Function: No
```

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2132 Environment: Normal or Hard Real-Time
2133 Ports: →"Input" input, audio
2134 →"Sound Source X Coordinate" input, control, default 1
2135 →"Sound Source Y Coordinate" input, control, default 0
2136 →"Sound Source Z Coordinate" input, control, default 0
2137 →"Output (W)" output, audio
2138 →"Output (X)" output, audio
2139 →"Output (Y)" output, audio
2140 →"Output (Z)" output, audio
2141 →"Output (R)" output, audio
2142 →"Output (S)" output, audio
2143 →"Output (T)" output, audio
2144 →"Output (U)" output, audio
2145 →"Output (V)" output, audio
2146
2147 Plugin Name: "Ambisonic Rotation (B-Format, Horizontal)"
2148 Plugin Label: "bf_rotate_z"
2149 Plugin Unique ID: 1094
2150 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2151 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2152 Must Run Real-Time: No
2153 Has activate() Function: No
2154 Has deactivate() Function: No
2155 Has run_adding() Function: No
2156 Environment: Normal or Hard Real-Time
2157 Ports: →"Angle of Rotation (Degrees Anticlockwise)" input, control, -180
to 180, default 90
2158 →"Input (W)" input, audio
2159 →"Input (X)" input, audio
2160 →"Input (Y)" input, audio
2161 →"Input (Z)" input, audio
2162 →"Output (W)" output, audio
2163 →"Output (X)" output, audio
2164 →"Output (Y)" output, audio
2165 →"Output (Z)" output, audio
2166
2167 Plugin Name: "Ambisonic Rotation (FMH-Format, Horizontal)"
2168 Plugin Label: "fmh_rotate_z"
2169 Plugin Unique ID: 1095
2170 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2171 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2172 Must Run Real-Time: No
2173 Has activate() Function: No
2174 Has deactivate() Function: No
2175 Has run_adding() Function: No
2176 Environment: Normal or Hard Real-Time
2177 Ports: →"Angle of Rotation (Degrees Anticlockwise)" input, control, -180
to 180, default 90
2178 →"Input (W)" input, audio
2179 →"Input (X)" input, audio
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2180 →"Input (Y)" input, audio
2181 →"Input (Z)" input, audio
2182 →"Input (R)" input, audio
2183 →"Input (S)" input, audio
2184 →"Input (T)" input, audio
2185 →"Input (U)" input, audio
2186 →"Input (V)" input, audio
2187 →"Output (W)" output, audio
2188 →"Output (X)" output, audio
2189 →"Output (Y)" output, audio
2190 →"Output (Z)" output, audio
2191 →"Output (R)" output, audio
2192 →"Output (S)" output, audio
2193 →"Output (T)" output, audio
2194 →"Output (U)" output, audio
2195 →"Output (V)" output, audio
2196
2197 Plugin Name: "Amplifier (Mono)"
2198 Plugin Label: "amp_mono"
2199 Plugin Unique ID: 1067
2200 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2201 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2202 Must Run Real-Time: No
2203 Has activate() Function: No
2204 Has deactivate() Function: No
2205 Has run_adding() Function: No
2206 Environment: Normal or Hard Real-Time
2207 Ports:→"Gain" input, control, 0 to ..., default 1, logarithmic
2208 →"Input" input, audio
2209 →"Output" output, audio
2210
2211 Plugin Name: "Amplifier (Stereo)"
2212 Plugin Label: "amp_stereo"
2213 Plugin Unique ID: 1068
2214 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2215 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2216 Must Run Real-Time: No
2217 Has activate() Function: No
2218 Has deactivate() Function: No
2219 Has run_adding() Function: No
2220 Environment: Normal or Hard Real-Time
2221 Ports:→"Gain" input, control, 0 to ..., default 1, logarithmic
2222 →"Input (Left)" input, audio
2223 →"Output (Left)" output, audio
2224 →"Input (Right)" input, audio
2225 →"Output (Right)" output, audio
2226
2227 Plugin Name: "Amplitude Modulator"
2228 Plugin Label: "am"
2229 Plugin Unique ID: 1070
```

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2230 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2231 Copyright: "(C)2000, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2232 Must Run Real-Time: No
2233 Has activate() Function: No
2234 Has deactivate() Function: No
2235 Has run_adding() Function: No
2236 Environment: Normal or Hard Real-Time
2237 Ports: → "Input 1" input, audio
2238 → "Input 2" input, audio
2239 → "Output" output, audio
2240
2241 Plugin Name: "Analogue Voice"
2242 Plugin Label: "analogue"
2243 Plugin Unique ID: 1221
2244 Maker: "CMT (http://www.ladspa.org/cmt, plugin by David A. Bartold)"
2245 Copyright: "(C)2000, David A. Bartold. GNU General Public Licence Version
2 applies."
2246 Must Run Real-Time: No
2247 Has activate() Function: Yes
2248 Has deactivate() Function: No
2249 Has run_adding() Function: No
2250 Environment: Normal or Hard Real-Time
2251 Ports: → "Out" output, audio
2252 → "Gate" input, control, toggled
2253 → "Velocity" input, control, 0 to 1
2254 → "Frequency (Hz)" input, control, 0 to 20000
2255 → "DC01 Octave" input, control, 0.001 to 1
2256 → "DC01 Waveform" input, control, 0 to 10
2257 → "DC01 LFO Frequency Modulation" input, control, -2 to 2
2258 → "DC01 LFO Pulse Width Modulation" input, control, -0.1 to 5.1, integer
2259 → "DC01 Attack" input, control, 0 to 1
2260 → "DC01 Decay" input, control, 0 to 1
2261 → "DC01 Sustain" input, control, 0.01 to 8
2262 → "DC01 Release" input, control, 0.01 to 8
2263 → "DC02 Octave" input, control, 0 to 1
2264 → "DC02 Waveform" input, control, 0.01 to 8
2265 → "DC02 LFO Frequency Modulation" input, control, -2 to 2
2266 → "DC02 LFO Pulse Width Modulation" input, control, -0.1 to 5.1, integer
2267 → "DC02 Attack" input, control, 0 to 1
2268 → "DC02 Decay" input, control, 0 to 1
2269 → "DC02 Sustain" input, control, 0.01 to 8
2270 → "DC02 Release" input, control, 0.01 to 8
2271 → "LFO Frequency (Hz)" input, control, 0 to 1
2272 → "LFO Fadein" input, control, 0.01 to 8
2273 → "Filter Envelope Modulation" input, control, 0 to 20
2274 → "Filter LFO Modulation" input, control, 0.01 to 8
2275 → "Filter Resonance" input, control, 0 to 1
2276 → "Filter Attack" input, control, 0 to 1
2277 → "Filter Decay" input, control, 0 to 1
2278 → "Filter Sustain" input, control, 0.01 to 8
2279 → "Filter Release" input, control, 0.01 to 8
```

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2280
2281 Plugin Name: "Canyon Delay"
2282 Plugin Label: "canyon_delay"
2283 Plugin Unique ID: 1225
2284 Maker: "CMT (http://www.ladspa.org/cmt, plugin by David A. Bartold)"
2285 Copyright: "(C)1999, 2000, David A. Bartold. GNU General Public Licence
Version 2 applies."
2286 Must Run Real-Time: No
2287 Has activate() Function: Yes
2288 Has deactivate() Function: No
2289 Has run_adding() Function: No
2290 Environment: Normal or Hard Real-Time
2291 Ports: → "In (Left)" input, audio
2292 → "In (Right)" input, audio
2293 → "Out (Left)" output, audio
2294 → "Out (Right)" output, audio
2295 → "Left to Right Time (Seconds)" input, control, 0.01 to 0.99
2296 → "Left to Right Feedback (Percent)" input, control, -1 to 1
2297 → "Right to Left Time (Seconds)" input, control, 0.01 to 0.99
2298 → "Right to Left Feedback (Percent)" input, control, -1 to 1
2299 → "Low-Pass Cutoff (Hz)" input, control, 1 to 5000
2300
2301 Plugin Name: "Disintegrator"
2302 Plugin Label: "disintegrator"
2303 Plugin Unique ID: 1846
2304 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Nathaniel Virgo)"
2305 Copyright: "(C)2002, Nathaniel Virgo. GNU General Public Licence Version
2 applies."
2306 Must Run Real-Time: No
2307 Has activate() Function: No
2308 Has deactivate() Function: No
2309 Has run_adding() Function: Yes
2310 Environment: Normal or Hard Real-Time
2311 Ports: → "Probability" input, control, 0 to 1, default 0
2312 → "Multiplier" input, control, -1 to 1, default 0
2313 → "Input" input, audio
2314 → "Output" output, audio
2315
2316 Plugin Name: "Dynamic Sledgehammer"
2317 Plugin Label: "sledgehammer"
2318 Plugin Unique ID: 1848
2319 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Nathaniel Virgo)"
2320 Copyright: "(C)2002, Nathaniel Virgo. GNU General Public Licence Version
2 applies."
2321 Must Run Real-Time: No
2322 Has activate() Function: Yes
2323 Has deactivate() Function: No
2324 Has run_adding() Function: Yes
2325 Environment: Normal or Hard Real-Time
2326 Ports: → "Rate" input, control, 1e-005 to 0.001, default 0.000505
2327 → "Modulator influence" input, control, -1 to 1, default 0
2328 → "Carrier influence" input, control, -1 to 1, default 1
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2329 →"Modulator" input, audio
2330 →"Carrier" input, audio
2331 →"Output" output, audio
2332
2333 Plugin Name: "Echo Delay Line (Maximum Delay 0.01s)"
2334 Plugin Label: "delay_0.01s"
2335 Plugin Unique ID: 1053
2336 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2337 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2338 Must Run Real-Time: No
2339 Has activate() Function: Yes
2340 Has deactivate() Function: No
2341 Has run_adding() Function: No
2342 Environment: Normal or Hard Real-Time
2343 Ports: →"Delay (Seconds)" input, control, 0 to 0.01, default 1
2344 →"Dry/Wet Balance" input, control, 0 to 1, default 0.5
2345 →"Input" input, audio
2346 →"Output" output, audio
2347
2348 Plugin Name: "Echo Delay Line (Maximum Delay 0.1s)"
2349 Plugin Label: "delay_0.1s"
2350 Plugin Unique ID: 1054
2351 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2352 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2353 Must Run Real-Time: No
2354 Has activate() Function: Yes
2355 Has deactivate() Function: No
2356 Has run_adding() Function: No
2357 Environment: Normal or Hard Real-Time
2358 Ports: →"Delay (Seconds)" input, control, 0 to 0.1, default 1
2359 →"Dry/Wet Balance" input, control, 0 to 1, default 0.5
2360 →"Input" input, audio
2361 →"Output" output, audio
2362
2363 Plugin Name: "Echo Delay Line (Maximum Delay 1s)"
2364 Plugin Label: "delay_1s"
2365 Plugin Unique ID: 1055
2366 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2367 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2368 Must Run Real-Time: No
2369 Has activate() Function: Yes
2370 Has deactivate() Function: No
2371 Has run_adding() Function: No
2372 Environment: Normal or Hard Real-Time
2373 Ports: →"Delay (Seconds)" input, control, 0 to 1, default 1
2374 →"Dry/Wet Balance" input, control, 0 to 1, default 0.5
2375 →"Input" input, audio
2376 →"Output" output, audio
2377
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2378 Plugin Name: "Echo Delay Line (Maximum Delay 5s)"
2379 Plugin Label: "delay_5s"
2380 Plugin Unique ID: 1056
2381 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2382 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2383 Must Run Real-Time: No
2384 Has activate() Function: Yes
2385 Has deactivate() Function: No
2386 Has run_adding() Function: No
2387 Environment: Normal or Hard Real-Time
2388 Ports: → "Delay (Seconds)" input, control, 0 to 5, default 1
2389 → "Dry/Wet Balance" input, control, 0 to 1, default 0.5
2390 → "Input" input, audio
2391 → "Output" output, audio
2392
2393 Plugin Name: "Echo Delay Line (Maximum Delay 60s)"
2394 Plugin Label: "delay_60s"
2395 Plugin Unique ID: 1057
2396 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2397 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2398 Must Run Real-Time: No
2399 Has activate() Function: Yes
2400 Has deactivate() Function: No
2401 Has run_adding() Function: No
2402 Environment: Normal or Hard Real-Time
2403 Ports: → "Delay (Seconds)" input, control, 0 to 60, default 1
2404 → "Dry/Wet Balance" input, control, 0 to 1, default 0.5
2405 → "Input" input, audio
2406 → "Output" output, audio
2407
2408 Plugin Name: "Envelope Tracker (Maximum Peak)"
2409 Plugin Label: "track_max_peak"
2410 Plugin Unique ID: 1080
2411 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2412 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2413 Must Run Real-Time: No
2414 Has activate() Function: Yes
2415 Has deactivate() Function: No
2416 Has run_adding() Function: No
2417 Environment: Normal or Hard Real-Time
2418 Ports: → "Input" input, audio
2419 → "Output" output, control, 0 to ...
2420 → "Envelope Forgetting Factor (s/60dB)" input, control, 0 to ..., default
10
2421
2422 Plugin Name: "Envelope Tracker (Maximum RMS)"
2423 Plugin Label: "track_max_rms"
2424 Plugin Unique ID: 1081
2425 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
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2426 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence  
Version 2 applies."  
2427 Must Run Real-Time: No  
2428 Has activate() Function: Yes  
2429 Has deactivate() Function: No  
2430 Has run_adding() Function: No  
2431 Environment: Normal or Hard Real-Time  
2432 Ports: → "Input" input, audio  
2433 → "Output" output, control, 0 to ...  
2434 → "Envelope Forgetting Factor (s/60dB)" input, control, 0 to ..., default  
10  
2435  
2436 Plugin Name: "Envelope Tracker (Peak)"  
2437 Plugin Label: "track_peak"  
2438 Plugin Unique ID: 1078  
2439 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"  
2440 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence  
Version 2 applies."  
2441 Must Run Real-Time: No  
2442 Has activate() Function: Yes  
2443 Has deactivate() Function: No  
2444 Has run_adding() Function: No  
2445 Environment: Normal or Hard Real-Time  
2446 Ports: → "Input" input, audio  
2447 → "Output" output, control, 0 to ...  
2448 → "Smoothing Factor" input, control, 0 to 1  
2449  
2450 Plugin Name: "Envelope Tracker (RMS)"  
2451 Plugin Label: "track_rms"  
2452 Plugin Unique ID: 1079  
2453 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"  
2454 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence  
Version 2 applies."  
2455 Must Run Real-Time: No  
2456 Has activate() Function: Yes  
2457 Has deactivate() Function: No  
2458 Has run_adding() Function: No  
2459 Environment: Normal or Hard Real-Time  
2460 Ports: → "Input" input, audio  
2461 → "Output" output, control, 0 to ...  
2462 → "Smoothing Factor" input, control, 0 to 1  
2463  
2464 Plugin Name: "FMH-Format to B-Format (Discards RSTUV Channels)"  
2465 Plugin Label: "fmh2bf"  
2466 Plugin Unique ID: 1089  
2467 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"  
2468 Copyright: "(C)2000, Richard W.E. Furse. GNU General Public Licence  
Version 2 applies."  
2469 Must Run Real-Time: No  
2470 Has activate() Function: No  
2471 Has deactivate() Function: No  
2472 Has run_adding() Function: No
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2473 Environment: Normal or Hard Real-Time
2474 Ports:→"Input (W)" input, audio
2475 →"Input (X)" input, audio
2476 →"Input (Y)" input, audio
2477 →"Input (Z)" input, audio
2478 →"Input (R)" input, audio
2479 →"Input (S)" input, audio
2480 →"Input (T)" input, audio
2481 →"Input (U)" input, audio
2482 →"Input (V)" input, audio
2483 →"Output (W)" output, audio
2484 →"Output (X)" output, audio
2485 →"Output (Y)" output, audio
2486 →"Output (Z)" output, audio
2487
2488 Plugin Name: "Feedback Delay Line (Maximum Delay 0.01s)"
2489 Plugin Label: "fbdelay_0.01s"
2490 Plugin Unique ID: 1058
2491 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2492 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2493 Must Run Real-Time: No
2494 Has activate() Function: Yes
2495 Has deactivate() Function: No
2496 Has run_adding() Function: No
2497 Environment: Normal or Hard Real-Time
2498 Ports:→"Delay (Seconds)" input, control, 0 to 0.01, default 1
2499 →"Dry/Wet Balance" input, control, 0 to 1, default 0.5
2500 →"Input" input, audio
2501 →"Output" output, audio
2502 →"Feedback" input, control, -1 to 1, default 0.5
2503
2504 Plugin Name: "Feedback Delay Line (Maximum Delay 0.1s)"
2505 Plugin Label: "fbdelay_0.1s"
2506 Plugin Unique ID: 1059
2507 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2508 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2509 Must Run Real-Time: No
2510 Has activate() Function: Yes
2511 Has deactivate() Function: No
2512 Has run_adding() Function: No
2513 Environment: Normal or Hard Real-Time
2514 Ports:→"Delay (Seconds)" input, control, 0 to 0.1, default 1
2515 →"Dry/Wet Balance" input, control, 0 to 1, default 0.5
2516 →"Input" input, audio
2517 →"Output" output, audio
2518 →"Feedback" input, control, -1 to 1, default 0.5
2519
2520 Plugin Name: "Feedback Delay Line (Maximum Delay 1s)"
2521 Plugin Label: "fbdelay_1s"
2522 Plugin Unique ID: 1060
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2523 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2524 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2525 Must Run Real-Time: No
2526 Has activate() Function: Yes
2527 Has deactivate() Function: No
2528 Has run_adding() Function: No
2529 Environment: Normal or Hard Real-Time
2530 Ports:→"Delay (Seconds)" input, control, 0 to 1, default 1
2531 →"Dry/Wet Balance" input, control, 0 to 1, default 0.5
2532 →"Input" input, audio
2533 →"Output" output, audio
2534 →"Feedback" input, control, -1 to 1, default 0.5
2535
2536 Plugin Name: "Feedback Delay Line (Maximum Delay 5s)"
2537 Plugin Label: "fbdelay_5s"
2538 Plugin Unique ID: 1061
2539 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2540 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2541 Must Run Real-Time: No
2542 Has activate() Function: Yes
2543 Has deactivate() Function: No
2544 Has run_adding() Function: No
2545 Environment: Normal or Hard Real-Time
2546 Ports:→"Delay (Seconds)" input, control, 0 to 5, default 1
2547 →"Dry/Wet Balance" input, control, 0 to 1, default 0.5
2548 →"Input" input, audio
2549 →"Output" output, audio
2550 →"Feedback" input, control, -1 to 1, default 0.5
2551
2552 Plugin Name: "Feedback Delay Line (Maximum Delay 60s)"
2553 Plugin Label: "fbdelay_60s"
2554 Plugin Unique ID: 1062
2555 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2556 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2557 Must Run Real-Time: No
2558 Has activate() Function: Yes
2559 Has deactivate() Function: No
2560 Has run_adding() Function: No
2561 Environment: Normal or Hard Real-Time
2562 Ports:→"Delay (Seconds)" input, control, 0 to 60, default 1
2563 →"Dry/Wet Balance" input, control, 0 to 1, default 0.5
2564 →"Input" input, audio
2565 →"Output" output, audio
2566 →"Feedback" input, control, -1 to 1, default 0.5
2567
2568 Plugin Name: "Freeverb (Version 3)"
2569 Plugin Label: "freeverb3"
2570 Plugin Unique ID: 1123
2571 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Jezar at Dreampoint,
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ported by Richard W.E. Furse)"
2572 Copyright: "(C)2000, Jezar at Dreampoint. GNU General Public Licence
Version 2 applies."
2573 Must Run Real-Time: No
2574 Has activate() Function: Yes
2575 Has deactivate() Function: No
2576 Has run_adding() Function: No
2577 Environment: Normal or Hard Real-Time
2578 Ports:→"Input (Left)" input, audio
2579 →"Input (Right)" input, audio
2580 →"Output (Left)" output, audio
2581 →"Output (Right)" output, audio
2582 →"Freeze Mode" input, control, toggled, default 0
2583 →"Room Size" input, control, 0 to 1, default 0.5
2584 →"Damping" input, control, 0 to 1, default 0, logarithmic
2585 →"Wet Level" input, control, 0 to 1, default 0, logarithmic
2586 →"Dry Level" input, control, 0 to 1, default 1, logarithmic
2587 →"Width" input, control, 0 to 1, default 0.5
2588
2589 Plugin Name: "Granular Scatter Processor"
2590 Plugin Label: "grain_scatter"
2591 Plugin Unique ID: 1096
2592 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2593 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2594 Must Run Real-Time: No
2595 Has activate() Function: Yes
2596 Has deactivate() Function: No
2597 Has run_adding() Function: No
2598 Environment: Normal
2599 Ports:→"Input" input, audio
2600 →"Output" output, audio
2601 →"Density (Grains/s)" input, control, 0 to ..., default 10
2602 →"Scatter (s)" input, control, 0 to 5, default 2.5
2603 →"Grain Length (s)" input, control, 0 to ..., default 0.2
2604 →"Grain Attack (s)" input, control, 0 to ..., default 0.05
2605
2606 Plugin Name: "Hard Gate"
2607 Plugin Label: "hard_gate"
2608 Plugin Unique ID: 1845
2609 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Nathaniel Virgo)"
2610 Copyright: "(C)2002, Nathaniel Virgo. GNU General Public Licence Version
2 applies."
2611 Must Run Real-Time: No
2612 Has activate() Function: No
2613 Has deactivate() Function: No
2614 Has run_adding() Function: No
2615 Environment: Normal or Hard Real-Time
2616 Ports:→"Threshold" input, control, 0 to 1, default 0
2617 →"Input" input, audio
2618 →"Output" output, audio
2619
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2620 Plugin Name: "High Pass Filter (One Pole)"
2621 Plugin Label: "hpf"
2622 Plugin Unique ID: 1052
2623 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2624 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2625 Must Run Real-Time: No
2626 Has activate() Function: Yes
2627 Has deactivate() Function: No
2628 Has run_adding() Function: No
2629 Environment: Normal or Hard Real-Time
2630 Ports: → "Cutoff Frequency (Hz)" input, control, 0 to 0.5*srate, default
440, logarithmic
2631 → "Input" input, audio
2632 → "Output" output, audio
2633
2634 Plugin Name: "Identity (Audio)"
2635 Plugin Label: "identity_audio"
2636 Plugin Unique ID: 1098
2637 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2638 Copyright: "(C)2000, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2639 Must Run Real-Time: No
2640 Has activate() Function: No
2641 Has deactivate() Function: No
2642 Has run_adding() Function: No
2643 Environment: Normal or Hard Real-Time
2644 Ports: → "Input" input, audio
2645 → "Output" output, audio
2646
2647 Plugin Name: "Identity (Control)"
2648 Plugin Label: "identity_control"
2649 Plugin Unique ID: 1099
2650 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2651 Copyright: "(C)2000, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2652 Must Run Real-Time: No
2653 Has activate() Function: No
2654 Has deactivate() Function: No
2655 Has run_adding() Function: No
2656 Environment: Normal or Hard Real-Time
2657 Ports: → "Input" input, control
2658 → "Output" output, control
2659
2660 Plugin Name: "Lo-Fi"
2661 Plugin Label: "lofi"
2662 Plugin Unique ID: 1227
2663 Maker: "CMT (http://www.ladspa.org/cmt, plugin by David A. Bartold)"
2664 Copyright: "(C)2001, David A. Bartold. GNU General Public Licence Version
2 applies."
2665 Must Run Real-Time: No
2666 Has activate() Function: Yes
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2667 Has deactivate() Function: No
2668 Has run_adding() Function: No
2669 Environment: Normal
2670 Ports:→"In (Left)" input, audio
2671 →"In (Right)" input, audio
2672 →"Out (Left)" output, audio
2673 →"Out (Right)" output, audio
2674 →"Crackling (%)" input, control, -0.1 to 100.1, integer
2675 →"Powersupply Overloading (%)" input, control, 0 to 100
2676 →"Opamp Bandwidth Limiting (Hz)" input, control, 1 to 10000
2677
2678 Plugin Name: "Logistic Map Control Generator"
2679 Plugin Label: "logistic"
2680 Plugin Unique ID: 1849
2681 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Nathaniel Virgo)"
2682 Copyright: "(C)2002, Nathaniel Virgo. GNU General Public Licence Version
2683 2 applies."
2684 Must Run Real-Time: No
2685 Has activate() Function: Yes
2686 Has deactivate() Function: No
2687 Has run_adding() Function: No
2688 Environment: Normal
2689 Ports:→"r" parameter" input, control, 2.9 to 3.9999, default 3.9999
2690 →"Step frequency" input, control, 0 to 0.001*srate, default 0.0005*srate
2691 →"Output" output, audio
2692
2693 Plugin Name: "Low Pass Filter (One Pole)"
2694 Plugin Label: "lpf"
2695 Plugin Unique ID: 1051
2696 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2697 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
2698 Version 2 applies."
2699 Must Run Real-Time: No
2700 Has activate() Function: Yes
2701 Has deactivate() Function: No
2702 Has run_adding() Function: No
2703 Environment: Normal or Hard Real-Time
2704 Ports:→"Cutoff Frequency (Hz)" input, control, 0 to 0.5*srate, default
2705 440, logarithmic
2706 →"Input" input, audio
2707 →"Output" output, audio
2708
2709 Plugin Name: "Mixer (Stereo to Mono)"
2710 Plugin Label: "mixer"
2711 Plugin Unique ID: 1071
2712 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2713 Copyright: "(C)2000, Richard W.E. Furse. GNU General Public Licence
2714 Version 2 applies."
2715 Must Run Real-Time: No
2716 Has activate() Function: No
2717 Has deactivate() Function: No
2718 Has run_adding() Function: No
```

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2715 Environment: Normal or Hard Real-Time
2716 Ports:→"Input 1" input, audio
2717 →"Input 2" input, audio
2718 →"Output" output, audio
2719
2720 Plugin Name: "Noise Source (White)"
2721 Plugin Label: "noise_source_white"
2722 Plugin Unique ID: 1069
2723 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2724 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2725 Must Run Real-Time: No
2726 Has activate() Function: No
2727 Has deactivate() Function: No
2728 Has run_adding() Function: Yes
2729 Environment: Normal or Hard Real-Time
2730 Ports:→"Amplitude" input, control, 0 to ..., default 1, logarithmic
2731 →"Output" output, audio
2732
2733 Plugin Name: "Null (Audio Input)"
2734 Plugin Label: "null_ai"
2735 Plugin Unique ID: 1084
2736 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2737 Copyright: "(C)2000, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2738 Must Run Real-Time: No
2739 Has activate() Function: No
2740 Has deactivate() Function: No
2741 Has run_adding() Function: No
2742 Environment: Normal or Hard Real-Time
2743 Ports:→"Input" input, audio
2744
2745 Plugin Name: "Null (Audio Output)"
2746 Plugin Label: "null_ao"
2747 Plugin Unique ID: 1086
2748 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2749 Copyright: "(C)2000, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2750 Must Run Real-Time: No
2751 Has activate() Function: No
2752 Has deactivate() Function: No
2753 Has run_adding() Function: No
2754 Environment: Normal or Hard Real-Time
2755 Ports:→"Output" output, audio
2756
2757 Plugin Name: "Null (Control Input)"
2758 Plugin Label: "null_ci"
2759 Plugin Unique ID: 1083
2760 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2761 Copyright: "(C)2000, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2762 Must Run Real-Time: No
```

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2763 Has activate() Function: No
2764 Has deactivate() Function: No
2765 Has run_adding() Function: No
2766 Environment: Normal or Hard Real-Time
2767 Ports:→"Input" input, control
2768
2769 Plugin Name: "Null (Control Output)"
2770 Plugin Label: "null_co"
2771 Plugin Unique ID: 1085
2772 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2773 Copyright: "(C)2000, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2774 Must Run Real-Time: No
2775 Has activate() Function: No
2776 Has deactivate() Function: No
2777 Has run_adding() Function: No
2778 Environment: Normal or Hard Real-Time
2779 Ports:→"Output" output, control
2780
2781 Plugin Name: "Organ"
2782 Plugin Label: "organ"
2783 Plugin Unique ID: 1222
2784 Maker: "CMT (http://www.ladspa.org/cmt, plugin by David A. Bartold)"
2785 Copyright: "(C)1999, 2000, David A. Bartold. GNU General Public Licence
Version 2 applies."
2786 Must Run Real-Time: No
2787 Has activate() Function: Yes
2788 Has deactivate() Function: No
2789 Has run_adding() Function: No
2790 Environment: Normal or Hard Real-Time
2791 Ports:→"Out" output, audio
2792 →"Gate" input, control, toggled
2793 →"Velocity" input, control, 0 to 1
2794 →"Frequency (Hz)" input, control, 0 to 20000
2795 →"Brass" input, control, toggled
2796 →"Reed" input, control, toggled
2797 →"Flute" input, control, toggled
2798 →"16th Harmonic" input, control, 0 to 1
2799 →"8th Harmonic" input, control, 0 to 1
2800 →"5 1/3rd Harmonic" input, control, 0 to 1
2801 →"4th Harmonic" input, control, 0 to 1
2802 →"2 2/3rd Harmonic" input, control, 0 to 1
2803 →"2nd Harmonic" input, control, 0 to 1
2804 →"Attack Lo (Secs)" input, control, 0.01 to 1
2805 →"Decay Lo (Secs)" input, control, 0.01 to 1
2806 →"Sustain Lo (Level)" input, control, 0 to 1
2807 →"Release Lo (Secs)" input, control, 0.01 to 1
2808 →"Attack Hi (Secs)" input, control, 0.01 to 1
2809 →"Decay Hi (Secs)" input, control, 0.01 to 1
2810 →"Sustain Hi (Level)" input, control, 0 to 1
2811 →"Release Hi (Secs)" input, control, 0.01 to 1
2812
```

```
2813 Plugin Name: "Peak Monitor"
2814 Plugin Label: "peak"
2815 Plugin Unique ID: 1082
2816 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2817 Copyright: "(C)2000, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2818 Must Run Real-Time: No
2819 Has activate() Function: Yes
2820 Has deactivate() Function: No
2821 Has run_adding() Function: No
2822 Environment: Normal or Hard Real-Time
2823 Ports: → "Input" input, audio
2824 → "Peak" output, control, 0 to ...
2825
2826 Plugin Name: "Phase Modulated Voice"
2827 Plugin Label: "phasemod"
2828 Plugin Unique ID: 1226
2829 Maker: "CMT (http://www.ladspa.org/cmt, plugin by David A. Bartold)"
2830 Copyright: "(C)2001, David A. Bartold. GNU General Public Licence Version
2 applies."
2831 Must Run Real-Time: No
2832 Has activate() Function: Yes
2833 Has deactivate() Function: No
2834 Has run_adding() Function: No
2835 Environment: Normal or Hard Real-Time
2836 Ports: → "Out" output, audio
2837 → "Gate" input, control, toggled
2838 → "Velocity" input, control, 0 to 1
2839 → "Frequency (Hz)" input, control, 0 to 20000
2840 → "DC01 Modulation" input, control, 0 to 1
2841 → "DC01 Octave" input, control, -2 to 2
2842 → "DC01 Waveform" input, control, -0.1 to 5.1, integer
2843 → "DC01 Attack" input, control, 0.01 to 8
2844 → "DC01 Decay" input, control, 0.01 to 8
2845 → "DC01 Sustain" input, control, 0 to 1
2846 → "DC01 Release" input, control, 0.01 to 8
2847 → "DC02 Modulation" input, control, 0 to 1
2848 → "DC02 Octave" input, control, -2 to 2
2849 → "DC02 Waveform" input, control, -0.1 to 5.1, integer
2850 → "DC02 Attack" input, control, 0.01 to 8
2851 → "DC02 Decay" input, control, 0.01 to 8
2852 → "DC02 Sustain" input, control, 0 to 1
2853 → "DC02 Release" input, control, 0.01 to 8
2854 → "DC03 Modulation" input, control, 0 to 1
2855 → "DC03 Octave" input, control, -2 to 2
2856 → "DC03 Waveform" input, control, -0.1 to 5.1, integer
2857 → "DC03 Attack" input, control, 0.01 to 8
2858 → "DC03 Decay" input, control, 0.01 to 8
2859 → "DC03 Sustain" input, control, 0 to 1
2860 → "DC03 Release" input, control, 0.01 to 8
2861 → "DC04 Modulation" input, control, 0 to 1
2862 → "DC04 Octave" input, control, -2 to 2
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2863 →"DC04 Waveform" input, control, -0.1 to 5.1, integer
2864 →"DC04 Attack" input, control, 0.01 to 8
2865 →"DC04 Decay" input, control, 0.01 to 8
2866 →"DC04 Sustain" input, control, 0 to 1
2867 →"DC04 Release" input, control, 0.01 to 8
2868 →"DC05 Modulation" input, control, 0 to 1
2869 →"DC05 Octave" input, control, -2 to 2
2870 →"DC05 Waveform" input, control, -0.1 to 5.1, integer
2871 →"DC05 Attack" input, control, 0.01 to 8
2872 →"DC05 Decay" input, control, 0.01 to 8
2873 →"DC05 Sustain" input, control, 0 to 1
2874 →"DC05 Release" input, control, 0.01 to 8
2875 →"DC06 Modulation" input, control, 0 to 1
2876 →"DC06 Octave" input, control, -2 to 2
2877 →"DC06 Waveform" input, control, -0.1 to 5.1, integer
2878 →"DC06 Attack" input, control, 0.01 to 8
2879 →"DC06 Decay" input, control, 0.01 to 8
2880 →"DC06 Sustain" input, control, 0 to 1
2881 →"DC06 Release" input, control, 0.01 to 8
2882
2883 Plugin Name: "Pink Noise (Interpolated)"
2884 Plugin Label: "pink_interpolated_audio"
2885 Plugin Unique ID: 1841
2886 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Nathaniel Virgo)"
2887 Copyright: "(C)2002, Nathaniel Virgo. GNU General Public Licence Version
2888 2 applies."
2889
2888 Must Run Real-Time: No
2889 Has activate() Function: Yes
2890 Has deactivate() Function: No
2891 Has run_adding() Function: No
2892 Environment: Normal
2893 Ports: →"Highest frequency" input, control, 0 to 1*srates, default 1
2894 →"Output" output, audio
2895
2896 Plugin Name: "Pink Noise (full frequency range)"
2897 Plugin Label: "pink_full_frequency"
2898 Plugin Unique ID: 1844
2899 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Nathaniel Virgo)"
2900 Copyright: "(C)2002, Nathaniel Virgo. GNU General Public Licence Version
2901 2 applies."
2902
2901 Must Run Real-Time: No
2902 Has activate() Function: Yes
2903 Has deactivate() Function: No
2904 Has run_adding() Function: No
2905 Environment: Normal
2906 Ports: →"Output" output, audio
2907
2908 Plugin Name: "Pink Noise (sample and hold)"
2909 Plugin Label: "pink_sh"
2910 Plugin Unique ID: 1843
2911 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Nathaniel Virgo)"
2912 Copyright: "(C)2002, Nathaniel Virgo. GNU General Public Licence Version
```

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2 applies."
2913 Must Run Real-Time: No
2914 Has activate() Function: Yes
2915 Has deactivate() Function: No
2916 Has run_adding() Function: No
2917 Environment: Normal
2918 Ports: → "Sample and hold frequency" input, control, 0 to 0.02*srate,
default 1
2919 → "Output" output, audio
2920
2921 Plugin Name: "Simple Compressor (Peak Envelope Tracking)"
2922 Plugin Label: "compress_peak"
2923 Plugin Unique ID: 1072
2924 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2925 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2926 Must Run Real-Time: No
2927 Has activate() Function: Yes
2928 Has deactivate() Function: No
2929 Has run_adding() Function: No
2930 Environment: Normal or Hard Real-Time
2931 Ports: → "Threshold" input, control, 0 to ..., default 1, logarithmic
2932 → "Compression Ratio" input, control, ... to 1, default 0.5
2933 → "Output Envelope Attack (s)" input, control, 0 to ..., default 0.1
2934 → "Output Envelope Decay (s)" input, control, 0 to ..., default 0.1
2935 → "Input" input, audio
2936 → "Output" output, audio
2937
2938 Plugin Name: "Simple Compressor (RMS Envelope Tracking)"
2939 Plugin Label: "compress_rms"
2940 Plugin Unique ID: 1073
2941 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2942 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2943 Must Run Real-Time: No
2944 Has activate() Function: Yes
2945 Has deactivate() Function: No
2946 Has run_adding() Function: No
2947 Environment: Normal or Hard Real-Time
2948 Ports: → "Threshold" input, control, 0 to ..., default 1, logarithmic
2949 → "Compression Ratio" input, control, ... to 1, default 0.5
2950 → "Output Envelope Attack (s)" input, control, 0 to ..., default 0.1
2951 → "Output Envelope Decay (s)" input, control, 0 to ..., default 0.1
2952 → "Input" input, audio
2953 → "Output" output, audio
2954
2955 Plugin Name: "Simple Expander (Peak Envelope Tracking)"
2956 Plugin Label: "expand_peak"
2957 Plugin Unique ID: 1074
2958 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2959 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
```

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2960 Must Run Real-Time: No
2961 Has activate() Function: Yes
2962 Has deactivate() Function: No
2963 Has run_adding() Function: No
2964 Environment: Normal or Hard Real-Time
2965 Ports:→"Threshold" input, control, 0 to ..., default 1, logarithmic
2966 →"Expansion Ratio" input, control, ... to 1, default 0.5
2967 →"Output Envelope Attack (s)" input, control, 0 to ..., default 0.1
2968 →"Output Envelope Decay (s)" input, control, 0 to ..., default 0.1
2969 →"Input" input, audio
2970 →"Output" output, audio
2971
2972 Plugin Name: "Simple Expander (RMS Envelope Tracking)"
2973 Plugin Label: "expand_rms"
2974 Plugin Unique ID: 1075
2975 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2976 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2977 Must Run Real-Time: No
2978 Has activate() Function: Yes
2979 Has deactivate() Function: No
2980 Has run_adding() Function: No
2981 Environment: Normal or Hard Real-Time
2982 Ports:→"Threshold" input, control, 0 to ..., default 1, logarithmic
2983 →"Expansion Ratio" input, control, ... to 1, default 0.5
2984 →"Output Envelope Attack (s)" input, control, 0 to ..., default 0.1
2985 →"Output Envelope Decay (s)" input, control, 0 to ..., default 0.1
2986 →"Input" input, audio
2987 →"Output" output, audio
2988
2989 Plugin Name: "Simple Limiter (Peak Envelope Tracking)"
2990 Plugin Label: "limit_peak"
2991 Plugin Unique ID: 1076
2992 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
2993 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
2994 Must Run Real-Time: No
2995 Has activate() Function: Yes
2996 Has deactivate() Function: No
2997 Has run_adding() Function: No
2998 Environment: Normal or Hard Real-Time
2999 Ports:→"Threshold" input, control, 0 to ..., default 1, logarithmic
3000 →"Output Envelope Attack (s)" input, control, 0 to ..., default 0.1
3001 →"Output Envelope Decay (s)" input, control, 0 to ..., default 0.1
3002 →"Input" input, audio
3003 →"Output" output, audio
3004
3005 Plugin Name: "Simple Limiter (RMS Envelope Tracking)"
3006 Plugin Label: "limit_rms"
3007 Plugin Unique ID: 1077
3008 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
3009 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
```

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Version 2 applies."
3010 Must Run Real-Time: No
3011 Has activate() Function: Yes
3012 Has deactivate() Function: No
3013 Has run_adding() Function: No
3014 Environment: Normal or Hard Real-Time
3015 Ports: → "Threshold" input, control, 0 to ..., default 1, logarithmic
3016 → "Output Envelope Attack (s)" input, control, 0 to ..., default 0.1
3017 → "Output Envelope Decay (s)" input, control, 0 to ..., default 0.1
3018 → "Input" input, audio
3019 → "Output" output, audio
3020
3021 Plugin Name: "Sine Oscillator (Freq:audio, Amp:audio)"
3022 Plugin Label: "sine_faaa"
3023 Plugin Unique ID: 1063
3024 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
3025 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
3026 Must Run Real-Time: No
3027 Has activate() Function: Yes
3028 Has deactivate() Function: No
3029 Has run_adding() Function: No
3030 Environment: Normal or Hard Real-Time
3031 Ports: → "Frequency" input, audio, 0 to 0.5*srates, default 440, logarithmic
3032 → "Amplitude" input, audio, 0 to ..., default 1, logarithmic
3033 → "Output" output, audio
3034
3035 Plugin Name: "Sine Oscillator (Freq:audio, Amp:control)"
3036 Plugin Label: "sine_faac"
3037 Plugin Unique ID: 1064
3038 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
3039 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
3040 Must Run Real-Time: No
3041 Has activate() Function: Yes
3042 Has deactivate() Function: No
3043 Has run_adding() Function: No
3044 Environment: Normal or Hard Real-Time
3045 Ports: → "Frequency" input, audio, 0 to 0.5*srates, default 440, logarithmic
3046 → "Amplitude" input, control, 0 to ..., default 1, logarithmic
3047 → "Output" output, audio
3048
3049 Plugin Name: "Sine Oscillator (Freq:control, Amp:audio)"
3050 Plugin Label: "sine_fcaa"
3051 Plugin Unique ID: 1065
3052 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
3053 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
3054 Must Run Real-Time: No
3055 Has activate() Function: Yes
3056 Has deactivate() Function: No
3057 Has run_adding() Function: No
```

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3058 Environment: Normal or Hard Real-Time
3059 Ports:→"Frequency" input, control, 0 to 0.5*srate, default 440,
logarithmic
3060 →"Amplitude" input, audio, 0 to ..., default 1, logarithmic
3061 →"Output" output, audio
3062
3063 Plugin Name: "Sine Oscillator (Freq:control, Amp:control)"
3064 Plugin Label: "sine_fcac"
3065 Plugin Unique ID: 1066
3066 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
3067 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
3068 Must Run Real-Time: No
3069 Has activate() Function: Yes
3070 Has deactivate() Function: No
3071 Has run_adding() Function: No
3072 Environment: Normal or Hard Real-Time
3073 Ports:→"Frequency" input, control, 0 to 0.5*srate, default 440,
logarithmic
3074 →"Amplitude" input, control, 0 to ..., default 1, logarithmic
3075 →"Output" output, audio
3076
3077 Plugin Name: "Syn Drum"
3078 Plugin Label: "syndrum"
3079 Plugin Unique ID: 1223
3080 Maker: "CMT (http://www.ladspa.org/cmt, plugin by David A. Bartold)"
3081 Copyright: "(C)1999, 2000, David A. Bartold. GNU General Public Licence
Version 2 applies."
3082 Must Run Real-Time: No
3083 Has activate() Function: Yes
3084 Has deactivate() Function: No
3085 Has run_adding() Function: No
3086 Environment: Normal or Hard Real-Time
3087 Ports:→"Out" output, audio
3088 →"Trigger" input, control, toggled
3089 →"Velocity" input, control, 0 to 10
3090 →"Frequency (Hz)" input, control, 0 to 20000
3091 →"Resonance" input, control, 0.001 to 1
3092 →"Frequency Ratio" input, control, 0 to 10
3093
3094 Plugin Name: "VCF 303"
3095 Plugin Label: "vcf303"
3096 Plugin Unique ID: 1224
3097 Maker: "CMT (http://www.ladspa.org/cmt, plugin by David A. Bartold)"
3098 Copyright: "(C)1998-2000, Andy Sloane, David A. Bartold. GNU General
Public Licence Version 2 applies."
3099 Must Run Real-Time: No
3100 Has activate() Function: Yes
3101 Has deactivate() Function: No
3102 Has run_adding() Function: No
3103 Environment: Normal or Hard Real-Time
3104 Ports:→"In" input, audio
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3105 →"Out" output, audio
3106 →"Trigger" input, control, toggled
3107 →"Cutoff" input, control, 0 to 1
3108 →"Resonance" input, control, 0 to 1
3109 →"Envelope Modulation" input, control, 0 to 1
3110 →"Decay" input, control, 0 to 1
3111
3112 Plugin Name: "Wave Shaper (Sine-Based)"
3113 Plugin Label: "wshape_sine"
3114 Plugin Unique ID: 1097
3115 Maker: "CMT (http://www.ladspa.org/cmt, plugin by Richard W.E. Furse)"
3116 Copyright: "(C)2000-2002, Richard W.E. Furse. GNU General Public Licence
Version 2 applies."
3117 Must Run Real-Time: No
3118 Has activate() Function: No
3119 Has deactivate() Function: No
3120 Has run_adding() Function: No
3121 Environment: Normal or Hard Real-Time
3122 Ports: →"Limiting Amplitude" input, control, 0 to ..., default 1,
logarithmic
3123 →"Input" input, audio
3124 →"Output" output, audio
3125
3126 [:: comb_1190.dll ::]
3127
3128 Plugin Name: "Comb Filter"
3129 Plugin Label: "comb"
3130 Plugin Unique ID: 1190
3131 Maker: "Steve Harris <steve@plugin.org.uk>"
3132 Copyright: "GPL"
3133 Must Run Real-Time: No
3134 Has activate() Function: Yes
3135 Has deactivate() Function: No
3136 Has run_adding() Function: Yes
3137 Environment: Normal or Hard Real-Time
3138 Ports: →"Band separation (Hz)" input, control, 16 to 640, default 172
3139 →"Feedback" input, control, -0.99 to 0.99, default 0
3140 →"Input" input, audio
3141 →"Output" output, audio
3142
3143 [:: comb_1887.dll ::]
3144
3145 Plugin Name: "Comb delay line, noninterpolating"
3146 Plugin Label: "comb_n"
3147 Plugin Unique ID: 1889
3148 Maker: "Andy Wingo <wingo\_at\_pobox\_dot\_com>"
3149 Copyright: "GPL"
3150 Must Run Real-Time: No
3151 Has activate() Function: Yes
3152 Has deactivate() Function: No
3153 Has run_adding() Function: Yes
3154 Environment: Normal or Hard Real-Time
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3155 Ports:→"Input" input, audio
3156 →"Output" output, audio
3157 →"Max Delay (s)" input, control, 0 to ...
3158 →"Delay Time (s)" input, control, 0 to ...
3159 →"Decay Time (s)" input, control, 0 to ...
3160
3161 Plugin Name: "Comb delay line, linear interpolation"
3162 Plugin Label: "comb_l"
3163 Plugin Unique ID: 1887
3164 Maker: "Andy Wingo <wingo at pobox dot com>"
3165 Copyright: "GPL"
3166 Must Run Real-Time: No
3167 Has activate() Function: Yes
3168 Has deactivate() Function: No
3169 Has run_adding() Function: Yes
3170 Environment: Normal or Hard Real-Time
3171 Ports:→"Input" input, audio
3172 →"Output" output, audio
3173 →"Max Delay (s)" input, control, 0 to ...
3174 →"Delay Time (s)" input, control, 0 to ...
3175 →"Decay Time (s)" input, control, 0 to ...
3176
3177 Plugin Name: "Comb delay line, cubic spline interpolation"
3178 Plugin Label: "comb_c"
3179 Plugin Unique ID: 1888
3180 Maker: "Andy Wingo <wingo at pobox dot com>"
3181 Copyright: "GPL"
3182 Must Run Real-Time: No
3183 Has activate() Function: Yes
3184 Has deactivate() Function: No
3185 Has run_adding() Function: Yes
3186 Environment: Normal or Hard Real-Time
3187 Ports:→"Input" input, audio
3188 →"Output" output, audio
3189 →"Max Delay (s)" input, control, 0 to ...
3190 →"Delay Time (s)" input, control, 0 to ...
3191 →"Decay Time (s)" input, control, 0 to ...
3192
3193 [:: comb_splitter_1411.dll ::]
3194
3195 Plugin Name: "Comb Splitter"
3196 Plugin Label: "combSplitter"
3197 Plugin Unique ID: 1411
3198 Maker: "Steve Harris <steve@plugin.org.uk>"
3199 Copyright: "GPL"
3200 Must Run Real-Time: No
3201 Has activate() Function: Yes
3202 Has deactivate() Function: No
3203 Has run_adding() Function: Yes
3204 Environment: Normal or Hard Real-Time
3205 Ports:→"Band separation (Hz)" input, control, 16 to 640, default 172
3206 →"Input" input, audio
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3207 →"Output 1" output, audio
3208 →"Output 2" output, audio
3209
3210 [:: comparison_4440.dll ::]
3211
3212 Plugin Name: "Comparison (AC)"
3213 Plugin Label: "comp_ac"
3214 Plugin Unique ID: 4440
3215 Maker: "Thorsten Wilms"
3216 Copyright: "GPL"
3217 Must Run Real-Time: No
3218 Has activate() Function: No
3219 Has deactivate() Function: No
3220 Has run_adding() Function: No
3221 Environment: Normal or Hard Real-Time
3222 Ports: →"A" input, audio
3223 →"B" input, control
3224 →"Larger" output, audio
3225 →"Smaller" output, audio
3226 →"A > B" output, audio
3227 →"A = B" output, audio
3228
3229 Plugin Name: "Comparison (AA)"
3230 Plugin Label: "comp_aa"
3231 Plugin Unique ID: 4441
3232 Maker: "Thorsten Wilms"
3233 Copyright: "GPL"
3234 Must Run Real-Time: No
3235 Has activate() Function: No
3236 Has deactivate() Function: No
3237 Has run_adding() Function: No
3238 Environment: Normal or Hard Real-Time
3239 Ports: →"A" input, audio
3240 →"B" input, audio
3241 →"Larger" output, audio
3242 →"Smaller" output, audio
3243 →"A > B" output, audio
3244 →"A = B" output, audio
3245
3246 [:: const_1909.dll ::]
3247
3248 Plugin Name: "Constant Signal Generator"
3249 Plugin Label: "const"
3250 Plugin Unique ID: 1909
3251 Maker: "Steve Harris <steve@plugin.org.uk>"
3252 Copyright: "GPL"
3253 Must Run Real-Time: No
3254 Has activate() Function: Yes
3255 Has deactivate() Function: No
3256 Has run_adding() Function: Yes
3257 Environment: Normal or Hard Real-Time
3258 Ports: →"Signal amplitude" input, control, -1 to 1.1, default 0
```

```
3259 →"Input" input, audio
3260 →"Output" output, audio
3261
3262 [:: crossover_dist_1404.dll ::]
3263
3264 Plugin Name: "Crossover distortion"
3265 Plugin Label: "crossoverDist"
3266 Plugin Unique ID: 1404
3267 Maker: "Steve Harris <steve@plugin.org.uk>"
3268 Copyright: "GPL"
3269 Must Run Real-Time: No
3270 Has activate() Function: No
3271 Has deactivate() Function: No
3272 Has run_adding() Function: Yes
3273 Environment: Normal or Hard Real-Time
3274 Ports: →"Crossover amplitude" input, control, 0 to 0.1, default 0
3275 →"Smoothing" input, control, 0 to 1, default 1
3276 →"Input" input, audio
3277 →"Output" output, audio
3278
3279 [:: cs_chorus.dll ::]
3280
3281 Plugin Name: "Chorus1 - Based on CSound orchestra by Sean Costello"
3282 Plugin Label: "Chorus1"
3283 Plugin Unique ID: 1944
3284 Maker: "Fons Adriaensen <fons.adriaensen@alcatel.be>"
3285 Copyright: "(C) 2003 Fons Adriaensen - GNU General Public License version 2 applies"
3286 Must Run Real-Time: Yes
3287 Has activate() Function: Yes
3288 Has deactivate() Function: Yes
3289 Has run_adding() Function: Yes
3290 Environment: Normal or Hard Real-Time
3291 Ports: →"Input" input, audio
3292 →"Output" output, audio
3293 →"Delay (ms)" input, control, 0 to 30, default 0
3294 →"Mod Frequency 1 (Hz)" input, control, 0.003 to 10, logarithmic
3295 →"Mod Amplitude 1 (ms)" input, control, 0 to 10, default 0
3296 →"Mod Frequency 2 (Hz)" input, control, 0.01 to 30, logarithmic
3297 →"Mod Amplitude 2 (ms)" input, control, 0 to 3, default 0
3298
3299 Plugin Name: "Chorus2 - Based on CSound orchestra by Sean Costello"
3300 Plugin Label: "Chorus2"
3301 Plugin Unique ID: 1945
3302 Maker: "Fons Adriaensen <fons.adriaensen@alcatel.be>"
3303 Copyright: "(C) 2003 Fons Adriaensen - GNU General Public License version 2 applies"
3304 Must Run Real-Time: Yes
3305 Has activate() Function: Yes
3306 Has deactivate() Function: Yes
3307 Has run_adding() Function: Yes
3308 Environment: Normal or Hard Real-Time
```

```
3309 Ports:→"Input" input, audio
3310 →"Output" output, audio
3311 →"Delay (ms)" input, control, 0 to 30, default 0
3312 →"Mod Frequency 1 (Hz)" input, control, 0.003 to 10, logarithmic
3313 →"Mod Amplitude 1 (ms)" input, control, 0 to 10, default 0
3314 →"Mod Frequency 2 (Hz)" input, control, 0.01 to 30, logarithmic
3315 →"Mod Amplitude 2 (ms)" input, control, 0 to 3, default 0
3316
3317 [:: cs_phaser.dll ::]
3318
3319 Plugin Name: "Phaser1 - Similar to CSound's phaser1 by Sean Costello"
3320 Plugin Label: "Phaser1"
3321 Plugin Unique ID: 1946
3322 Maker: "Fons Adriaensen <fons.adriaensen@alcatel.be>"
3323 Copyright: "(C) 2003 Fons Adriaensen - GNU General Public License version
3324 2 applies"
3325 Must Run Real-Time: Yes
3326 Has activate() Function: Yes
3327 Has deactivate() Function: Yes
3328 Has run_adding() Function: Yes
3329 Environment: Normal or Hard Real-Time
3330 Ports:→"Input" input, audio
3331 →"Output" output, audio
3332 →"Frequency" input, audio
3333 →"Exp FM" input, audio
3334 →"Lin FM" input, audio
3335 →"Input gain (dB)" input, control, -40 to 10, default 0
3336 →"Sections" input, control, 1 to 30, integer
3337 →"Frequency" input, control, -6 to 6, default 0
3338 →"Exp FM gain" input, control, 0 to 10
3339 →"Lin FM gain" input, control, 0 to 10
3340 →"Feedback gain" input, control, -1 to 1, default 0
3341 →"Output mix" input, control, -1 to 1, default 0
3342
3343 Plugin Name: "Phaser1 with LFO"
3344 Plugin Label: "Phaser1+LFO"
3345 Plugin Unique ID: 1947
3346 Maker: "Fons Adriaensen <fons.adriaensen@alcatel.be>"
3347 Copyright: "(C) 2003 Fons Adriaensen - GNU General Public License version
3348 2 applies"
3349 Must Run Real-Time: Yes
3350 Has activate() Function: Yes
3351 Has deactivate() Function: Yes
3352 Has run_adding() Function: Yes
3353 Environment: Normal or Hard Real-Time
3354 Ports:→"Input" input, audio
3355 →"Output" output, audio
3356 →"Input gain (dB)" input, control, -40 to 10, default 0
3357 →"Sections" input, control, 1 to 30, integer
3358 →"Frequency" input, control, -6 to 6, default 0
3359 →"LFO frequency (Hz)" input, control, 0.01 to 30, logarithmic
3360 →"LFO waveform" input, control, -1 to 1, default 0
```

```

3359 →"Modulation gain" input, control, 0 to 10
3360 →"Feedback gain" input, control, -1 to 1, default 0
3361 →"Output mix" input, control, -1 to 1, default 0
3362
3363 [:: cubic_distortion.dll ::]
3364
3365 Plugin Name: "cubic_distortion"
3366 Plugin Label: "cubic_distortion"
3367 Plugin Unique ID: 4294966375
3368 Maker: "undefined"
3369 Copyright: "undefined"
3370 Must Run Real-Time: No
3371 Has activate() Function: Yes
3372 Has deactivate() Function: Yes
3373 Has run_adding() Function: No
3374 Environment: Normal or Hard Real-Time
3375 Ports: →"output00" output, audio
3376 →"output01" output, audio
3377 →"sinewaveoscillatoroscrcs-amplitude" input, control, -120 to 10
3378 →"sinewaveoscillatoroscrcs-frequency" input, control, 1 to 88
3379 →"sinewaveoscillatoroscrcs-portamento" input, control, 0 to 1
3380 →"cubicnonlinearitycubicnl-bypass" input, control, toggled
3381 →"cubicnonlinearitycubicnl-drive" input, control, 0 to 1
3382 →"cubicnonlinearitycubicnl-offset" input, control, 0 to 1
3383 →"constant-qspectrumanalyzer-" output, control, -50 to 10
3384 →"constant-qspectrumanalyzer-" output, control, -50 to 10
3385 →"constant-qspectrumanalyzer-" output, control, -50 to 10
3386 →"constant-qspectrumanalyzer-" output, control, -50 to 10
3387 →"constant-qspectrumanalyzer-" output, control, -50 to 10
3388 →"constant-qspectrumanalyzer-" output, control, -50 to 10
3389 →"constant-qspectrumanalyzer-" output, control, -50 to 10
3390 →"constant-qspectrumanalyzer-" output, control, -50 to 10
3391 →"constant-qspectrumanalyzer-" output, control, -50 to 10
3392 →"constant-qspectrumanalyzer-" output, control, -50 to 10
3393 →"constant-qspectrumanalyzer-" output, control, -50 to 10
3394 →"constant-qspectrumanalyzer-" output, control, -50 to 10
3395 →"constant-qspectrumanalyzer-" output, control, -50 to 10
3396 →"constant-qspectrumanalyzer-" output, control, -50 to 10
3397 →"constant-qspectrumanalyzer-" output, control, -50 to 10
3398 →"spectrumanalyzercontrols-levelaveragingtime" input, control, 0 to 1
3399 →"spectrumanalyzercontrols-leveldboffset" input, control, 0 to 100
3400
3401 [:: dahdsr_2021.dll ::]
3402
3403 Plugin Name: "DAHDSR Envelope with Gate and Trigger (Audio-Rate Inputs)"
3404 Plugin Label: "dahdsr_g+t_audio"
3405 Plugin Unique ID: 2021
3406 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
3407 Copyright: "GPL"
3408 Must Run Real-Time: No
3409 Has activate() Function: Yes
3410 Has deactivate() Function: No

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```
3411 Has_run_adding() Function: No
3412 Environment: Normal or Hard Real-Time
3413 Ports:→"Gate" input, audio, toggled
3414 →"Trigger" input, audio, toggled
3415 →"Delay Time (s)" input, audio, 0 to ..., default 0
3416 →"Attack Time (s)" input, audio, 0 to ..., default 0
3417 →"Hold Time (s)" input, audio, 0 to ..., default 0
3418 →"Decay Time (s)" input, audio, 0 to ..., default 0
3419 →"Sustain Level" input, audio, 0 to 1, default 1
3420 →"Release Time (s)" input, audio, 0 to ..., default 0
3421 →"Envelope Out" output, audio
3422
3423 Plugin Name: "DAHDSR Envelope with Gate and Trigger (Control Inputs)"
3424 Plugin Label: "dahdsr_g+t_control"
3425 Plugin Unique ID: 2022
3426 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
3427 Copyright: "GPL"
3428 Must Run Real-Time: No
3429 Has_activate() Function: Yes
3430 Has_deactivate() Function: No
3431 Has_run_adding() Function: No
3432 Environment: Normal or Hard Real-Time
3433 Ports:→"Gate" input, audio, toggled
3434 →"Trigger" input, audio, toggled
3435 →"Delay Time (s)" input, control, 0 to ..., default 0
3436 →"Attack Time (s)" input, control, 0 to ..., default 0
3437 →"Hold Time (s)" input, control, 0 to ..., default 0
3438 →"Decay Time (s)" input, control, 0 to ..., default 0
3439 →"Sustain Level" input, control, 0 to 1, default 1
3440 →"Release Time (s)" input, control, 0 to ..., default 0
3441 →"Envelope Out" output, audio
3442
3443 Plugin Name: "DAHDSR Envelope with Control Gate and Trigger (Control
Inputs)"
3444 Plugin Label: "dahdsr_cg+t_control"
3445 Plugin Unique ID: 2038
3446 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
3447 Copyright: "GPL"
3448 Must Run Real-Time: No
3449 Has_activate() Function: Yes
3450 Has_deactivate() Function: No
3451 Has_run_adding() Function: No
3452 Environment: Normal or Hard Real-Time
3453 Ports:→"Gate" input, control, toggled
3454 →"Trigger" input, control, toggled
3455 →"Delay Time (s)" input, control, 0 to ..., default 0
3456 →"Attack Time (s)" input, control, 0 to ..., default 0
3457 →"Hold Time (s)" input, control, 0 to ..., default 0
3458 →"Decay Time (s)" input, control, 0 to ..., default 0
3459 →"Sustain Level" input, control, 0 to 1, default 1
3460 →"Release Time (s)" input, control, 0 to ..., default 0
3461 →"Envelope Out" output, audio
```

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3462
3463 [:: dahdsr_fexp.dll ::]
3464
3465 Plugin Name: "DAHDSR Envelope full exp, adr"
3466 Plugin Label: "dahdsr_fexp"
3467 Plugin Unique ID: 2664
3468 Maker: "Loki Davison <ltdav1[at]student.monash.edu.au>"
3469 Copyright: "GPL"
3470 Must Run Real-Time: No
3471 Has activate() Function: Yes
3472 Has deactivate() Function: No
3473 Has run_adding() Function: No
3474 Environment: Normal or Hard Real-Time
3475 Ports: → "Gate" input, audio, toggled
3476 → "Trigger" input, audio, toggled
3477 → "Delay Time (s)" input, control, 0 to ..., default 0
3478 → "Attack Time (s)" input, control, 0 to ..., default 0
3479 → "Hold Time (s)" input, control, 0 to ..., default 0
3480 → "Decay Time (s)" input, control, 0 to ..., default 0
3481 → "Sustain Level" input, control, 0 to 1, default 1
3482 → "Release Time (s)" input, control, 0 to ..., default 0
3483 → "Envelope Out" output, audio
3484
3485 [:: dahdsr_hexp.dll ::]
3486
3487 Plugin Name: "DAHDSR Envelope linear attack exp dr"
3488 Plugin Label: "dahdsr_hexp"
3489 Plugin Unique ID: 2663
3490 Maker: "Loki Davison <ltdav1[at]student.monash.edu.au>"
3491 Copyright: "GPL"
3492 Must Run Real-Time: No
3493 Has activate() Function: Yes
3494 Has deactivate() Function: No
3495 Has run_adding() Function: No
3496 Environment: Normal or Hard Real-Time
3497 Ports: → "Gate" input, audio, toggled
3498 → "Trigger" input, audio, toggled
3499 → "Delay Time (s)" input, control, 0 to ..., default 0
3500 → "Attack Time (s)" input, control, 0 to ..., default 0
3501 → "Hold Time (s)" input, control, 0 to ..., default 0
3502 → "Decay Time (s)" input, control, 0 to ..., default 0
3503 → "Sustain Level" input, control, 0 to 1, default 1
3504 → "Release Time (s)" input, control, 0 to ..., default 0
3505 → "Envelope Out" output, audio
3506
3507 [:: dbmeter.dll ::]
3508
3509 Plugin Name: "dbmeter"
3510 Plugin Label: "dbmeter"
3511 Plugin Unique ID: 451
3512 Maker: "undefined"
3513 Copyright: "undefined"
```

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3514 Must Run Real-Time: No
3515 Has activate() Function: Yes
3516 Has deactivate() Function: Yes
3517 Has run_adding() Function: No
3518 Environment: Normal or Hard Real-Time
3519 Ports:→"input00" input, audio
3520 →"input01" input, audio
3521 →"input02" input, audio
3522 →"input03" input, audio
3523 →"input04" input, audio
3524 →"input05" input, audio
3525 →"input06" input, audio
3526 →"input07" input, audio
3527 →"output00" output, audio
3528 →"output01" output, audio
3529 →"output02" output, audio
3530 →"output03" output, audio
3531 →"output04" output, audio
3532 →"output05" output, audio
3533 →"output06" output, audio
3534 →"output07" output, audio
3535 →"0-" output, control, -70 to 10
3536 →"1-" output, control, -70 to 10
3537 →"2-" output, control, -70 to 10
3538 →"3-" output, control, -70 to 10
3539 →"4-" output, control, -70 to 10
3540 →"5-" output, control, -70 to 10
3541 →"6-" output, control, -70 to 10
3542 →"7-" output, control, -70 to 10
3543
3544 [:: dc_remove_1207.dll ::]
3545
3546 Plugin Name: "DC Offset Remover"
3547 Plugin Label: "dcRemove"
3548 Plugin Unique ID: 1207
3549 Maker: "Steve Harris <steve@plugin.org.uk>"
3550 Copyright: "GPL"
3551 Must Run Real-Time: No
3552 Has activate() Function: Yes
3553 Has deactivate() Function: No
3554 Has run_adding() Function: Yes
3555 Environment: Normal or Hard Real-Time
3556 Ports:→"Input" input, audio
3557 →"Output" output, audio
3558
3559 [:: decay_1886.dll ::]
3560
3561 Plugin Name: "Exponential signal decay"
3562 Plugin Label: "decay"
3563 Plugin Unique ID: 1886
3564 Maker: "Andy Wingo <wingo@pobox dot com>"
3565 Copyright: "GPL"
```

```
3566 Must Run Real-Time: No
3567 Has activate() Function: Yes
3568 Has deactivate() Function: No
3569 Has run_adding() Function: Yes
3570 Environment: Normal or Hard Real-Time
3571 Ports: → "Input" input, audio
3572 → "Output" output, audio
3573 → "Decay Time (s)" input, control, 0 to ...
3574
3575 [:: decimator_1202.dll ::]
3576
3577 Plugin Name: "Decimator"
3578 Plugin Label: "decimator"
3579 Plugin Unique ID: 1202
3580 Maker: "Steve Harris <steve@plugin.org.uk>"
3581 Copyright: "GPL"
3582 Must Run Real-Time: No
3583 Has activate() Function: No
3584 Has deactivate() Function: No
3585 Has run_adding() Function: Yes
3586 Environment: Normal
3587 Ports: → "Bit depth" input, control, 1 to 24, default 24
3588 → "Sample rate (Hz)" input, control, 0.001*srate to 1*srate, default
1*srate
3589 → "Input" input, audio, -1 to 1
3590 → "Output" output, audio, -1 to 1
3591
3592 [:: declip_1195.dll ::]
3593
3594 Plugin Name: "Declipper"
3595 Plugin Label: "declip"
3596 Plugin Unique ID: 1195
3597 Maker: "Steve Harris <steve@plugin.org.uk>"
3598 Copyright: "GPL"
3599 Must Run Real-Time: No
3600 Has activate() Function: No
3601 Has deactivate() Function: No
3602 Has run_adding() Function: Yes
3603 Environment: Normal or Hard Real-Time
3604 Ports: → "Input" input, audio, -1 to 1
3605 → "Output" output, audio, -1 to 1
3606
3607 [:: delay.dll ::]
3608
3609 Plugin Name: "Simple Delay Line"
3610 Plugin Label: "delay_5s"
3611 Plugin Unique ID: 1043
3612 Maker: "Richard Furse (LADSPA example plugins)"
3613 Copyright: "None"
3614 Must Run Real-Time: No
3615 Has activate() Function: Yes
3616 Has deactivate() Function: No
```

```
3617 Has_run_adding() Function: No
3618 Environment: Normal or Hard Real-Time
3619 Ports: → "Delay (Seconds)" input, control, 0 to 5, default 1
3620 → "Dry/Wet Balance" input, control, 0 to 1, default 0.5
3621 → "Input" input, audio
3622 → "Output" output, audio
3623
3624 [:: delayorama_1402.dll ::]
3625
3626 Plugin Name: "Delayorama"
3627 Plugin Label: "delayorama"
3628 Plugin Unique ID: 1402
3629 Maker: "Steve Harris <steve@plugin.org.uk>"
3630 Copyright: "GPL"
3631 Must Run Real-Time: No
3632 Has_activate() Function: Yes
3633 Has_deactivate() Function: No
3634 Has_run_adding() Function: Yes
3635 Environment: Normal
3636 Ports: → "Random seed" input, control, 0 to 1000, default 0, integer
3637 → "Input gain (dB)" input, control, -96 to 24, default 0
3638 → "Feedback (%)" input, control, 0 to 100, default 0
3639 → "Number of taps" input, control, 2 to 128, default 2, integer
3640 → "First delay (s)" input, control, 0 to 5, default 0
3641 → "Delay range (s)" input, control, 0.0001 to 6, default 6
3642 → "Delay change" input, control, 0.2 to 5, default 1
3643 → "Delay random (%)" input, control, 0 to 100, default 0
3644 → "Amplitude change" input, control, 0.2 to 5, default 1
3645 → "Amplitude random (%)" input, control, 0 to 100, default 0
3646 → "Dry/wet mix" input, control, 0 to 1, default 1
3647 → "Input" input, audio
3648 → "Output" output, audio
3649
3650 [:: delay_1898.dll ::]
3651
3652 Plugin Name: "Simple delay line, noninterpolating"
3653 Plugin Label: "delay_n"
3654 Plugin Unique ID: 1898
3655 Maker: "Andy Wingo <wingo@pobox dot com>"
3656 Copyright: "GPL"
3657 Must Run Real-Time: No
3658 Has_activate() Function: Yes
3659 Has_deactivate() Function: No
3660 Has_run_adding() Function: Yes
3661 Environment: Normal or Hard Real-Time
3662 Ports: → "Input" input, audio
3663 → "Output" output, audio
3664 → "Max Delay (s)" input, control, 0 to ...
3665 → "Delay Time (s)" input, control, 0 to ...
3666
3667 Plugin Name: "Simple delay line, linear interpolation"
3668 Plugin Label: "delay_l"
```

```
3669 Plugin Unique ID: 1899
3670 Maker: "Andy Wingo <wingo at pobox dot com>"
3671 Copyright: "GPL"
3672 Must Run Real-Time: No
3673 Has activate() Function: Yes
3674 Has deactivate() Function: No
3675 Has run_adding() Function: Yes
3676 Environment: Normal or Hard Real-Time
3677 Ports: → "Input" input, audio
3678 → "Output" output, audio
3679 → "Max Delay (s)" input, control, 0 to ...
3680 → "Delay Time (s)" input, control, 0 to ...
3681
3682 Plugin Name: "Simple delay line, cubic spline interpolation"
3683 Plugin Label: "delay_c"
3684 Plugin Unique ID: 1900
3685 Maker: "Andy Wingo <wingo at pobox dot com>"
3686 Copyright: "GPL"
3687 Must Run Real-Time: No
3688 Has activate() Function: Yes
3689 Has deactivate() Function: No
3690 Has run_adding() Function: Yes
3691 Environment: Normal or Hard Real-Time
3692 Ports: → "Input" input, audio
3693 → "Output" output, audio
3694 → "Max Delay (s)" input, control, 0 to ...
3695 → "Delay Time (s)" input, control, 0 to ...
3696
3697 [:: difference_2030.dll ::]
3698
3699 Plugin Name: "Signal Difference (IAMA)"
3700 Plugin Label: "difference_iama_oa"
3701 Plugin Unique ID: 2030
3702 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
3703 Copyright: "GPL"
3704 Must Run Real-Time: No
3705 Has activate() Function: No
3706 Has deactivate() Function: No
3707 Has run_adding() Function: No
3708 Environment: Normal or Hard Real-Time
3709 Ports: → "Input" input, audio
3710 → "Input to Subtract" input, audio
3711 → "Difference Output" output, audio
3712
3713 Plugin Name: "Signal Difference (IAMC)"
3714 Plugin Label: "difference_iamc_oa"
3715 Plugin Unique ID: 2031
3716 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
3717 Copyright: "GPL"
3718 Must Run Real-Time: No
3719 Has activate() Function: No
3720 Has deactivate() Function: No
```

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3721 Has_run_adding() Function: No
3722 Environment: Normal or Hard Real-Time
3723 Ports:→"Input" input, audio
3724 →"Input to Subtract" input, control
3725 →"Difference Output" output, audio
3726
3727 Plugin Name: "Signal Difference (ICMA)"
3728 Plugin Label: "difference_icma_oa"
3729 Plugin Unique ID: 2032
3730 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
3731 Copyright: "GPL"
3732 Must Run Real-Time: No
3733 Has_activate() Function: No
3734 Has_deactivate() Function: No
3735 Has_run_adding() Function: No
3736 Environment: Normal or Hard Real-Time
3737 Ports:→"Input" input, control
3738 →"Input to Subtract" input, audio
3739 →"Difference Output" output, audio
3740
3741 Plugin Name: "Signal Difference (ICMC)"
3742 Plugin Label: "difference_icmc_oc"
3743 Plugin Unique ID: 2033
3744 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
3745 Copyright: "GPL"
3746 Must Run Real-Time: No
3747 Has_activate() Function: No
3748 Has_deactivate() Function: No
3749 Has_run_adding() Function: No
3750 Environment: Normal or Hard Real-Time
3751 Ports:→"Input" input, control
3752 →"Input to Subtract" input, control
3753 →"Difference Output" output, control
3754
3755 [:: diode_1185.dll ::]
3756
3757 Plugin Name: "Diode Processor"
3758 Plugin Label: "diode"
3759 Plugin Unique ID: 1185
3760 Maker: "Steve Harris <steve@plugin.org.uk>"
3761 Copyright: "GPL"
3762 Must Run Real-Time: No
3763 Has_activate() Function: No
3764 Has_deactivate() Function: No
3765 Has_run_adding() Function: Yes
3766 Environment: Normal or Hard Real-Time
3767 Ports:→"Mode (0 for none, 1 for half wave, 2 for full wave)" input,
control, 0 to 3, default 0
3768 →"Input" input, audio
3769 →"Output" output, audio
3770
3771 [:: divider_1186.dll ::]

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3772
3773 Plugin Name: "Audio Divider (Suboctave Generator)"
3774 Plugin Label: "divider"
3775 Plugin Unique ID: 1186
3776 Maker: "Steve Harris <steve@plugin.org.uk>"
3777 Copyright: "GPL"
3778 Must Run Real-Time: No
3779 Has activate() Function: No
3780 Has deactivate() Function: No
3781 Has run_adding() Function: Yes
3782 Environment: Normal or Hard Real-Time
3783 Ports: → "Denominator" input, control, 1 to 8, default 1, integer
3784 → "Input" input, audio
3785 → "Output" output, audio, -1 to 1
3786
3787 [:: dj_eq_1901.dll ::]
3788
3789 Plugin Name: "DJ EQ (mono)"
3790 Plugin Label: "dj_eq_mono"
3791 Plugin Unique ID: 1907
3792 Maker: "Steve Harris <steve@plugin.org.uk>"
3793 Copyright: "GPL"
3794 Must Run Real-Time: No
3795 Has activate() Function: Yes
3796 Has deactivate() Function: No
3797 Has run_adding() Function: Yes
3798 Environment: Normal or Hard Real-Time
3799 Ports: → "Lo gain (dB)" input, control, -70 to 6, default 0
3800 → "Mid gain (dB)" input, control, -70 to 6, default 0
3801 → "Hi gain (dB)" input, control, -70 to 6, default 0
3802 → "Input" input, audio
3803 → "Output" output, audio
3804 → "latency" output, control
3805
3806 Plugin Name: "DJ EQ"
3807 Plugin Label: "dj_eq"
3808 Plugin Unique ID: 1901
3809 Maker: "Steve Harris <steve@plugin.org.uk>"
3810 Copyright: "GPL"
3811 Must Run Real-Time: No
3812 Has activate() Function: Yes
3813 Has deactivate() Function: No
3814 Has run_adding() Function: Yes
3815 Environment: Normal or Hard Real-Time
3816 Ports: → "Lo gain (dB)" input, control, -70 to 6, default 0
3817 → "Mid gain (dB)" input, control, -70 to 6, default 0
3818 → "Hi gain (dB)" input, control, -70 to 6, default 0
3819 → "Input L" input, audio
3820 → "Input R" input, audio
3821 → "Output L" output, audio
3822 → "Output R" output, audio
3823 → "latency" output, control
```

```
3824
3825 [:: dj_flanger_1438.dll ::]
3826
3827 Plugin Name: "DJ flanger"
3828 Plugin Label: "djFlanger"
3829 Plugin Unique ID: 1438
3830 Maker: "Steve Harris <steve@plugin.org.uk>"
3831 Copyright: "GPL"
3832 Must Run Real-Time: No
3833 Has activate() Function: Yes
3834 Has deactivate() Function: No
3835 Has run_adding() Function: Yes
3836 Environment: Normal or Hard Real-Time
3837 Ports: → "LFO sync" input, control
3838 → "LFO period (s)" input, control, 0.1 to 32, default 1
3839 → "LFO depth (ms)" input, control, 1 to 5, default 4
3840 → "Feedback (%)" input, control, -100 to 100, default 0
3841 → "Input" input, audio
3842 → "Output" output, audio
3843
3844 [:: doublechorus.dll ::]
3845
3846 Plugin Name: "DoubleChorus"
3847 Plugin Label: "doublechorus1"
3848 Plugin Unique ID: 1051
3849 Maker: "Nil Geisweiller"
3850 Copyright: "GPL"
3851 Must Run Real-Time: No
3852 Has activate() Function: Yes
3853 Has deactivate() Function: Yes
3854 Has run_adding() Function: Yes
3855 Environment: Normal or Hard Real-Time
3856 Ports: → "Input (Left)" input, audio
3857 → "Input (Right)" input, audio
3858 → "Output (Left)" output, audio
3859 → "Output (Right)" output, audio
3860 → "Pan 1" input, control, 0 to 1, default 0.75
3861 → "LFOFreq 1" input, control, 0.05 to 5, default 1.58114, logarithmic
3862 → "Depth 1" input, control, 0 to 1, default 0.25
3863 → "Pan 2" input, control, 0 to 1, default 0.25
3864 → "LFOFreq 2" input, control, 0.05 to 5, default 0.5, logarithmic
3865 → "Depth 2" input, control, 0 to 1, default 0.25
3866 → "Dry/Wet" input, control, 0 to 1, default 0.5
3867
3868 [:: dyson_compress_1403.dll ::]
3869
3870 Plugin Name: "Dyson compressor"
3871 Plugin Label: "dysonCompress"
3872 Plugin Unique ID: 1403
3873 Maker: "Steve Harris <steve@plugin.org.uk>"
3874 Copyright: "GPL"
3875 Must Run Real-Time: No
```

```
3876 Has activate() Function: Yes
3877 Has deactivate() Function: No
3878 Has run_adding() Function: Yes
3879 Environment: Normal or Hard Real-Time
3880 Ports: → "Peak limit (dB)" input, control, -30 to 0, default 0
3881 → "Release time (s)" input, control, 0 to 1, default 0.25
3882 → "Fast compression ratio" input, control, 0 to 1, default 0.5
3883 → "Compression ratio" input, control, 0 to 1, default 0.5
3884 → "Input" input, audio
3885 → "Output" output, audio
3886
```

3887 [:: echo.dll ::]

```
3888
3889 Plugin Name: "echo"
3890 Plugin Label: "echo"
3891 Plugin Unique ID: 760
3892 Maker: "undefined"
3893 Copyright: "undefined"
3894 Must Run Real-Time: No
3895 Has activate() Function: Yes
3896 Has deactivate() Function: Yes
3897 Has run_adding() Function: No
3898 Environment: Normal or Hard Real-Time
3899 Ports: → "input00" input, audio
3900 → "output00" output, audio
3901 → "simple-echo1000-feedback" input, control, 0 to 100
3902 → "simple-echo1000-millisecond" input, control, 0 to 1000
3903
```

3904 [:: eir_1923.dll ::]

```
3905
3906 Plugin Name: "Experiments in Representation"
3907 Plugin Label: "eir"
3908 Plugin Unique ID: 1923
3909 Maker: "Nick Lamb <njl195@zepler.org.uk>"
3910 Copyright: "GPL 2002-2005"
3911 Must Run Real-Time: No
3912 Has activate() Function: No
3913 Has deactivate() Function: No
3914 Has run_adding() Function: No
3915 Environment: Normal or Hard Real-Time
3916 Ports: → "Output" output, audio
3917 → "Intput" input, audio
3918 → "Mantissa" input, control, 0 to 23, default 23, integer
3919 → "Exponent" input, control, 1 to 8, default 8, integer
3920
```

3921 [:: electrode_eq.dll ::]

```
3922
3923 Plugin Name: "Electrode 31-band equalizer"
3924 Plugin Label: "electrode_eq"
3925 Plugin Unique ID: 15
3926 Maker: "Alexandre Pérard <alex@formida.be>"
3927 Copyright: "2008 (GPL)"
```

```
3928 Must Run Real-Time: No
3929 Has activate() Function: Yes
3930 Has deactivate() Function: No
3931 Has run_adding() Function: No
3932 Environment: Normal or Hard Real-Time
3933 Ports: → "Gain" input, control, -12 to 12, default 0
3934 → "Input" input, audio
3935 → "Output" output, audio
3936 → "20 Hz" input, control, -12 to 12, default 0
3937 → "25 Hz" input, control, -12 to 12, default 0
3938 → "31 Hz" input, control, -12 to 12, default 0
3939 → "39 Hz" input, control, -12 to 12, default 0
3940 → "50 Hz" input, control, -12 to 12, default 0
3941 → "62 Hz" input, control, -12 to 12, default 0
3942 → "79 Hz" input, control, -12 to 12, default 0
3943 → "99 Hz" input, control, -12 to 12, default 0
3944 → "125 Hz" input, control, -12 to 12, default 0
3945 → "157 Hz" input, control, -12 to 12, default 0
3946 → "198 Hz" input, control, -12 to 12, default 0
3947 → "250 Hz" input, control, -12 to 12, default 0
3948 → "315 Hz" input, control, -12 to 12, default 0
3949 → "397 Hz" input, control, -12 to 12, default 0
3950 → "500 Hz" input, control, -12 to 12, default 0
3951 → "630 Hz" input, control, -12 to 12, default 0
3952 → "794 Hz" input, control, -12 to 12, default 0
3953 → "1000 Hz" input, control, -12 to 12, default 0
3954 → "1260 Hz" input, control, -12 to 12, default 0
3955 → "1587 Hz" input, control, -12 to 12, default 0
3956 → "2000 Hz" input, control, -12 to 12, default 0
3957 → "2520 Hz" input, control, -12 to 12, default 0
3958 → "3175 Hz" input, control, -12 to 12, default 0
3959 → "4000 Hz" input, control, -12 to 12, default 0
3960 → "5040 Hz" input, control, -12 to 12, default 0
3961 → "6350 Hz" input, control, -12 to 12, default 0
3962 → "8000 Hz" input, control, -12 to 12, default 0
3963 → "10079 Hz" input, control, -12 to 12, default 0
3964 → "12699 Hz" input, control, -12 to 12, default 0
3965 → "16000 Hz" input, control, -12 to 12, default 0
3966 → "20159 Hz" input, control, -12 to 12, default 0
3967
3968 [:: envelop.dll ::]
3969
3970 Plugin Name: "envelop"
3971 Plugin Label: "envelop"
3972 Plugin Unique ID: 777
3973 Maker: "undefined"
3974 Copyright: "undefined"
3975 Must Run Real-Time: No
3976 Has activate() Function: Yes
3977 Has deactivate() Function: Yes
3978 Has run_adding() Function: No
3979 Environment: Normal or Hard Real-Time
```

```
3980 Ports:→"output00" output, audio
3981 →"attack" input, control, 1 to 1000
3982 →"decay" input, control, 1 to 100
3983 →"sustain" input, control, 1 to 100
3984 →"release" input, control, 1 to 100
3985 →"play" input, control, toggled
3986
3987 [:: fad_delay_1192.dll ::]
3988
3989 Plugin Name: "Fractionally Addressed Delay Line"
3990 Plugin Label: "fadDelay"
3991 Plugin Unique ID: 1192
3992 Maker: "Steve Harris <steve@plugin.org.uk>"
3993 Copyright: "GPL"
3994 Must Run Real-Time: No
3995 Has activate() Function: Yes
3996 Has deactivate() Function: No
3997 Has run_adding() Function: Yes
3998 Environment: Normal
3999 Ports:→"Delay (seconds)" input, control, 0.1 to 10, default 1
4000 →"Feedback (dB)" input, control, -70 to 0, default 0
4001 →"Input" input, audio
4002 →"Output" output, audio
4003
4004 [:: fast_crossfade_4410.dll ::]
4005
4006 Plugin Name: "Fast Crossfade"
4007 Plugin Label: "fast_xfade"
4008 Plugin Unique ID: 4410
4009 Maker: "Thorsten Wilms"
4010 Copyright: "GPL"
4011 Must Run Real-Time: No
4012 Has activate() Function: No
4013 Has deactivate() Function: No
4014 Has run_adding() Function: No
4015 Environment: Normal or Hard Real-Time
4016 Ports:→"Level" input, audio
4017 →"A" input, audio
4018 →"B" input, audio
4019 →"Output" output, audio
4020
4021 [:: fast_lookahead_limiter_1913.dll ::]
4022
4023 Plugin Name: "Fast Lookahead limiter"
4024 Plugin Label: "fastLookaheadLimiter"
4025 Plugin Unique ID: 1913
4026 Maker: "Steve Harris <steve@plugin.org.uk>"
4027 Copyright: "GPL"
4028 Must Run Real-Time: No
4029 Has activate() Function: Yes
4030 Has deactivate() Function: No
4031 Has run_adding() Function: Yes
```

```
4032 Environment: Normal or Hard Real-Time
4033 Ports: → "Input gain (dB)" input, control, -20 to 20, default 0
4034 → "Limit (dB)" input, control, -20 to 0, default 0
4035 → "Release time (s)" input, control, 0.01 to 2, default 0.5075
4036 → "Attenuation (dB)" output, control, 0 to 70
4037 → "Input 1" input, audio
4038 → "Input 2" input, audio
4039 → "Output 1" output, audio
4040 → "Output 2" output, audio
4041 → "latency" output, control
4042
4043 [:: filter.dll ::]
4044
4045 Plugin Name: "Simple Low Pass Filter"
4046 Plugin Label: "lpf"
4047 Plugin Unique ID: 1041
4048 Maker: "Richard Furse (LADSPA example plugins)"
4049 Copyright: "None"
4050 Must Run Real-Time: No
4051 Has activate() Function: Yes
4052 Has deactivate() Function: No
4053 Has run_adding() Function: No
4054 Environment: Normal or Hard Real-Time
4055 Ports: → "Cutoff Frequency (Hz)" input, control, 0 to 0.5*srate, default
4056 440, logarithmic
4057 → "Input" input, audio
4058 → "Output" output, audio
4059
4059 Plugin Name: "Simple High Pass Filter"
4060 Plugin Label: "hpf"
4061 Plugin Unique ID: 1042
4062 Maker: "Richard Furse (LADSPA example plugins)"
4063 Copyright: "None"
4064 Must Run Real-Time: No
4065 Has activate() Function: Yes
4066 Has deactivate() Function: No
4067 Has run_adding() Function: No
4068 Environment: Normal or Hard Real-Time
4069 Ports: → "Cutoff Frequency (Hz)" input, control, 0 to 0.5*srate, default
4070 440, logarithmic
4071 → "Input" input, audio
4072 → "Output" output, audio
4073
4073 [:: filters.dll ::]
4074
4075 Plugin Name: "4-band parametric filter"
4076 Plugin Label: "Parametric1"
4077 Plugin Unique ID: 1970
4078 Maker: "Fons Adriaensen <fons.adriaensen@alcatel.be>"
4079 Copyright: "GPL"
4080 Must Run Real-Time: Yes
4081 Has activate() Function: Yes
```

```

4082 Has deactivate() Function: Yes
4083 Has run_adding() Function: No
4084 Environment: Normal or Hard Real-Time
4085 Ports:→"Input" input, audio
4086 →"Output" output, audio
4087 →"Filter" input, control, toggled, default 0
4088 →"Gain" input, control, -20 to 20, default 0
4089 →"Section 1" input, control, toggled, default 0
4090 →"Frequency 1" input, control, 20 to 2000, default 200, logarithmic
4091 →"Bandwidth 1" input, control, 0.125 to 8, default 1, logarithmic
4092 →"Gain 1" input, control, -20 to 20, default 0
4093 →"Section 2" input, control, toggled, default 0
4094 →"Frequency 2" input, control, 40 to 4000, default 400, logarithmic
4095 →"Bandwidth 2" input, control, 0.125 to 8, default 1, logarithmic
4096 →"Gain 2" input, control, -20 to 20, default 0
4097 →"Section 3" input, control, toggled, default 0
4098 →"Frequency 3" input, control, 100 to 10000, default 1000, logarithmic
4099 →"Bandwidth 3" input, control, 0.125 to 8, default 1, logarithmic
4100 →"Gain 3" input, control, -20 to 20, default 0
4101 →"Section 4" input, control, toggled, default 0
4102 →"Frequency 4" input, control, 200 to 20000, default 2000, logarithmic
4103 →"Bandwidth 4" input, control, 0.125 to 8, default 1, logarithmic
4104 →"Gain 4" input, control, -20 to 20, default 0
4105
4106 [:: flanger_1191.dll ::]
4107
4108 Plugin Name: "Flanger"
4109 Plugin Label: "flanger"
4110 Plugin Unique ID: 1191
4111 Maker: "Steve Harris <steve@plugin.org.uk>"
4112 Copyright: "GPL"
4113 Must Run Real-Time: No
4114 Has activate() Function: Yes
4115 Has deactivate() Function: No
4116 Has run_adding() Function: Yes
4117 Environment: Normal or Hard Real-Time
4118 Ports:→"Delay base (ms)" input, control, 0.1 to 25, default 6.325
4119 →"Max slowdown (ms)" input, control, 0 to 10, default 2.5
4120 →"LFO frequency (Hz)" input, control, 0.05 to 100, default 0.33437,
logarithmic
4121 →"Feedback" input, control, -1 to 1, default 0
4122 →"Input" input, audio
4123 →"Output" output, audio
4124
4125 [:: flute.dll ::]
4126
4127 Plugin Name: "flute"
4128 Plugin Label: "flute"
4129 Plugin Unique ID: 982
4130 Maker: "undefined"
4131 Copyright: "undefined"
4132 Must Run Real-Time: No

```

```
4133 Has activate() Function: Yes
4134 Has deactivate() Function: Yes
4135 Has run_adding() Function: No
4136 Environment: Normal or Hard Real-Time
4137 Ports:→"output00" output, audio
4138 →"output01" output, audio
4139 →"basicparameters-freq" input, control, 20 to 20000
4140 →"basicparameters-gain" input, control, 0 to 1
4141 →"basicparameters-gate" input, control, toggled
4142 →"envelopesandvibrato-globalenvelopeparameters-globenvattack" input,
control, 0 to 2
4143 →"envelopesandvibrato-globalenvelopeparameters-globenvrelease" input,
control, 0 to 2
4144 →"envelopesandvibrato-pressureenvelopeparameters-pressenvattack" input,
control, 0 to 2
4145 →"envelopesandvibrato-pressureenvelopeparameters-pressenvdecay" input,
control, 0 to 2
4146 →"envelopesandvibrato-pressureenvelopeparameters-pressenvrelease" input,
control, 0 to 2
4147 →"envelopesandvibrato-pressureenvelopeparameters-pressureenv" input,
control, toggled
4148 →"envelopesandvibrato-vibratoparameters-vibratoattack" input, control, 0
to 2
4149 →"envelopesandvibrato-vibratoparameters-vibratobegin" input, control, 0
to 2
4150 →"envelopesandvibrato-vibratoparameters-vibratofreq" input, control, 1
to 15
4151 →"envelopesandvibrato-vibratoparameters-vibratogain" input, control, 0
to 1
4152 →"envelopesandvibrato-vibratoparameters-vibratorelease" input, control,
0 to 2
4153 →"physicalandnonlinearity-nonlinearfilterparameters-modulationfrequency"
input, control, 20 to 1000
4154 →"physicalandnonlinearity-nonlinearfilterparameters-modulationtype"
input, control, 0 to 4
4155 →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearity" input,
control, 0 to 1
4156 →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearityattack"
input, control, 0 to 2
4157 →"physicalandnonlinearity-physicalparameters-noisegain" input, control,
0 to 1
4158 →"physicalandnonlinearity-physicalparameters-pressure" input, control, 0
to 1.5
4159 →"reverb-reverbgain" input, control, 0 to 1
4160 →"reverb-roomsize" input, control, 0.01 to 2
4161 →"spat-panangle" input, control, 0 to 1
4162 →"spat-spatialwidth" input, control, 0 to 1
4163
4164 [:: flutestk.dll ::]
4165
4166 Plugin Name: "flutestk"
4167 Plugin Label: "flutestk"
```

```

4168 Plugin Unique ID: 500
4169 Maker: "undefined"
4170 Copyright: "undefined"
4171 Must Run Real-Time: No
4172 Has activate() Function: Yes
4173 Has deactivate() Function: Yes
4174 Has run_adding() Function: No
4175 Environment: Normal or Hard Real-Time
4176 Ports: →"output00" output, audio
4177 →"output01" output, audio
4178 →"basicparameters-freq" input, control, 20 to 20000
4179 →"basicparameters-gain" input, control, 0 to 1
4180 →"basicparameters-gate" input, control, toggled
4181 →"envelopesandvibrato-envelopeparameters-envelopeattack" input, control,
0 to 2
4182 →"envelopesandvibrato-envelopeparameters-envelopedecay" input, control,
0 to 2
4183 →"envelopesandvibrato-envelopeparameters-enveloperelease" input,
control, 0 to 2
4184 →"envelopesandvibrato-vibratoparameters-vibratoattack" input, control, 0
to 2
4185 →"envelopesandvibrato-vibratoparameters-vibratobegin" input, control, 0
to 2
4186 →"envelopesandvibrato-vibratoparameters-vibratofreq" input, control, 1
to 15
4187 →"envelopesandvibrato-vibratoparameters-vibratogain" input, control, 0
to 1
4188 →"envelopesandvibrato-vibratoparameters-vibratorelease" input, control,
0 to 2
4189 →"physicalandnonlinearity-nonlinearfilterparameters-modulationfrequency"
input, control, 20 to 1000
4190 →"physicalandnonlinearity-nonlinearfilterparameters-modulationtype"
input, control, 0 to 4
4191 →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearity" input,
control, 0 to 1
4192 →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearityattack"
input, control, 0 to 2
4193 →"physicalandnonlinearity-physicalparameters-embouchureajust" input,
control, 0 to 1
4194 →"physicalandnonlinearity-physicalparameters-noisegain" input, control,
0 to 1
4195 →"physicalandnonlinearity-physicalparameters-pressure" input, control, 0
to 1
4196 →"reverb-reverbgain" input, control, 0 to 1
4197 →"reverb-roomsize" input, control, 0.01 to 2
4198 →"spat-panangle" input, control, 0 to 1
4199 →"spat-spatialwidth" input, control, 0 to 1
4200
4201 [:: fmod_1656.dll ::]
4202
4203 Plugin Name: "Frequency Modulator (FAMA)"
4204 Plugin Label: "fmod_fama_oa"

```

```
4205 Plugin Unique ID: 1656
4206 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
4207 Copyright: "GPL"
4208 Must Run Real-Time: No
4209 Has activate() Function: No
4210 Has deactivate() Function: No
4211 Has run_adding() Function: No
4212 Environment: Normal or Hard Real-Time
4213 Ports:→"Frequency (Hz)" input, audio, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
4214 →"Modulation (Octaves)" input, audio
4215 →"Modulated Frequency (Hz)" output, audio
4216
4217 Plugin Name: "Frequency Modulator (FAMC)"
4218 Plugin Label: "fmod_famc_oa"
4219 Plugin Unique ID: 1657
4220 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
4221 Copyright: "GPL"
4222 Must Run Real-Time: No
4223 Has activate() Function: No
4224 Has deactivate() Function: No
4225 Has run_adding() Function: No
4226 Environment: Normal or Hard Real-Time
4227 Ports:→"Frequency (Hz)" input, audio, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
4228 →"Modulation (Octaves)" input, control
4229 →"Modulated Frequency (Hz)" output, audio
4230
4231 Plugin Name: "Frequency Modulator (FCMA)"
4232 Plugin Label: "fmod_fcma_oa"
4233 Plugin Unique ID: 1658
4234 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
4235 Copyright: "GPL"
4236 Must Run Real-Time: No
4237 Has activate() Function: No
4238 Has deactivate() Function: No
4239 Has run_adding() Function: No
4240 Environment: Normal or Hard Real-Time
4241 Ports:→"Frequency (Hz)" input, control, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
4242 →"Modulation (Octaves)" input, audio
4243 →"Modulated Frequency (Hz)" output, audio
4244
4245 Plugin Name: "Frequency Modulator (FCMC)"
4246 Plugin Label: "fmod_fcmc_oc"
4247 Plugin Unique ID: 1659
4248 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
4249 Copyright: "GPL"
4250 Must Run Real-Time: No
4251 Has activate() Function: No
4252 Has deactivate() Function: No
4253 Has run_adding() Function: No
```

```
4254 Environment: Normal or Hard Real-Time
4255 Ports: → "Frequency (Hz)" input, control, 2.08333e-005*rate to 0.5*rate,
         default 440, logarithmic
4256 → "Modulation (Octaves)" input, control
4257 → "Modulated Frequency (Hz)" output, control
4258
4259 [:: foldover_1213.dll ::]
4260
4261 Plugin Name: "Foldover distortion"
4262 Plugin Label: "foldover"
4263 Plugin Unique ID: 1213
4264 Maker: "Steve Harris <steve@plugin.org.uk>"
4265 Copyright: "GPL"
4266 Must Run Real-Time: No
4267 Has activate() Function: No
4268 Has deactivate() Function: No
4269 Has run_adding() Function: Yes
4270 Environment: Normal or Hard Real-Time
4271 Ports: → "Drive" input, control, 0 to 1, default 0
4272 → "Skew" input, control, 0 to 1, default 0
4273 → "Input" input, audio
4274 → "Output" output, audio
4275
4276 [:: foo_chop.dll ::]
4277
4278 Plugin Name: "Foo Chop Liver"
4279 Plugin Label: "foo_chop_liver"
4280 Plugin Unique ID: 3188
4281 Maker: "Sampo Savolainen <v2@iki.fi>"
4282 Copyright: "GPL"
4283 Must Run Real-Time: No
4284 Has activate() Function: Yes
4285 Has deactivate() Function: No
4286 Has run_adding() Function: Yes
4287 Environment: Normal or Hard Real-Time
4288 Ports: → "Chop window" input, control, 2 to 32, default 2, integer
4289 → "Dry signal" input, control, 0 to 1, default 0
4290 → "Wet signal" input, control, 0 to 1, default 1
4291 → "Input" input, audio
4292 → "Output" output, audio
4293 → "latency" output, control
4294
4295 [:: foo_driver.dll ::]
4296
4297 Plugin Name: "Foo Driver"
4298 Plugin Label: "foo_driver"
4299 Plugin Unique ID: 3184
4300 Maker: "Sampo Savolainen <v2@iki.fi>"
4301 Copyright: "GPL"
4302 Must Run Real-Time: No
4303 Has activate() Function: No
4304 Has deactivate() Function: No
```

```
4305 Has_run_adding() Function: Yes
4306 Environment: Normal or Hard Real-Time
4307 Ports:→"Input gain (dB)" input, control, -30 to 30, default 0
4308 →"Drive" input, control, 1 to 10, default 3.25
4309 →"Drive offset" input, control, -2 to 2, default 0
4310 →"Web/dry balance" input, control, 0 to 1, default 0
4311 →"latency" output, control
4312 →"Input" input, audio
4313 →"Output" output, audio
4314
4315 [:: foo_limiter.dll ::]
4316
4317 Plugin Name: "Foo Lookahead Limiter"
4318 Plugin Label: "foo_limiter"
4319 Plugin Unique ID: 3181
4320 Maker: "Sampo Savolainen <v2@iki.fi>"
4321 Copyright: "GPL"
4322 Must Run Real-Time: No
4323 Has_activate() Function: No
4324 Has_deactivate() Function: No
4325 Has_run_adding() Function: Yes
4326 Environment: Normal or Hard Real-Time
4327 Ports:→"Input gain (dB)" input, control, -20 to 10, default 0
4328 →"Max level (dB)" input, control, -30 to 0, default 0
4329 →"Release time (s)" input, control, 0.01 to 2, default 0.5075
4330 →"Attenuation (dB)" output, control, 0 to 70
4331 →"Input L" input, audio
4332 →"Input R" input, audio
4333 →"Output L" output, audio
4334 →"Output R" output, audio
4335 →"latency" output, control
4336 →"Linear/log release" input, control, 0 to 1, default 0.75
4337
4338 [:: foo_limiter_v2.dll ::]
4339
4340 Plugin Name: "Foo Lookahead Limiter v2"
4341 Plugin Label: "foo_limiter_v2"
4342 Plugin Unique ID: 3185
4343 Maker: "Sampo Savolainen <v2@iki.fi>"
4344 Copyright: "GPL"
4345 Must Run Real-Time: No
4346 Has_activate() Function: No
4347 Has_deactivate() Function: No
4348 Has_run_adding() Function: Yes
4349 Environment: Normal or Hard Real-Time
4350 Ports:→"Input gain (dB)" input, control, -20 to 10, default 0
4351 →"Max level (dB)" input, control, -30 to 0, default 0
4352 →"Attack time (ms)" input, control, 1 to 10, default 5.5
4353 →"Release time (s)" input, control, 0.01 to 2, default 0.5075
4354 →"Attenuation (dB)" output, control, 0 to 70
4355 →"Input L" input, audio
4356 →"Input R" input, audio
```

```
4357 →"Output L" output, audio
4358 →"Output R" output, audio
4359 →"latency" output, control
4360 →"Linear/log release" input, control, 0 to 1, default 0.75
4361
4362 [:: foo_saturator.dll ::]
4363
4364 Plugin Name: "Foo Saturator"
4365 Plugin Label: "foo_saturator"
4366 Plugin Unique ID: 3187
4367 Maker: "Sampo Savolainen <v2@iki.fi>"
4368 Copyright: "GPL"
4369 Must Run Real-Time: No
4370 Has activate() Function: No
4371 Has deactivate() Function: No
4372 Has run_adding() Function: Yes
4373 Environment: Normal or Hard Real-Time
4374 Ports: →"Input gain (dB)" input, control, -20 to 20, default 0
4375 →"Max level (dB)" input, control, -60 to 0, default 0
4376 →"Square-waviness" input, control, 0 to 1, default 0.5
4377 →"Drive" input, control, 1 to 6, default 1
4378 →"Input" input, audio
4379 →"Output" output, audio
4380 →"latency" output, control
4381
```

```
4382 [:: foo_transients.dll ::]
```

```
4383
4384 Plugin Name: "Foo Transient Architect"
4385 Plugin Label: "foo_transients"
4386 Plugin Unique ID: 3182
4387 Maker: "Sampo Savolainen <v2@iki.fi>"
4388 Copyright: "GPL"
4389 Must Run Real-Time: No
4390 Has activate() Function: No
4391 Has deactivate() Function: No
4392 Has run_adding() Function: Yes
4393 Environment: Normal or Hard Real-Time
4394 Ports: →"Averaging difference (s)" input, control, 0.01 to 0.1, default
0.0775
4395 →"Attack gain (dB)" input, control, -30 to 30, default 0
4396 →"Release gain (dB)" input, control, -30 to 30, default 0
4397 →"Current attack gain (dB)" output, control, -30 to 30
4398 →"Current release gain (dB)" output, control, -30 to 30
4399 →"latency" output, control
4400 →"Input L" input, audio
4401 →"Input R" input, audio
4402 →"Output L" output, audio
4403 →"Output R" output, audio
4404
```

```
4405 [:: foo_transients_mono.dll ::]
```

```
4406
4407 Plugin Name: "Foo Transient Architect (mono)"
```

```
4408 Plugin Label: "foo_transients_mono"
4409 Plugin Unique ID: 3183
4410 Maker: "Sampo Savolainen <v2@iki.fi>"
4411 Copyright: "GPL"
4412 Must Run Real-Time: No
4413 Has activate() Function: No
4414 Has deactivate() Function: No
4415 Has run_adding() Function: Yes
4416 Environment: Normal or Hard Real-Time
4417 Ports: → "Averaging difference (s)" input, control, 0.01 to 0.1, default
0.0775
4418 → "Attack gain (dB)" input, control, -30 to 30, default 0
4419 → "Release gain (dB)" input, control, -30 to 30, default 0
4420 → "Current attack gain (dB)" output, control, -30 to 30
4421 → "Current release gain (dB)" output, control, -30 to 30
4422 → "latency" output, control
4423 → "Input L" input, audio
4424 → "Output L" output, audio
4425
4426 [:: formant_filter_4300.dll ::]
4427
4428 Plugin Name: "Formant Filter (CR vowel)"
4429 Plugin Label: "formant_vc"
4430 Plugin Unique ID: 4300
4431 Maker: "Dave Robillard"
4432 Copyright: "GPL"
4433 Must Run Real-Time: No
4434 Has activate() Function: Yes
4435 Has deactivate() Function: No
4436 Has run_adding() Function: No
4437 Environment: Normal or Hard Real-Time
4438 Ports: → "Vowel" input, control, 0 to 4, default 0
4439 → "Input" input, audio
4440 → "Output" output, audio
4441
4442 [:: foverdrive_1196.dll ::]
4443
4444 Plugin Name: "Fast overdrive"
4445 Plugin Label: "foverdrive"
4446 Plugin Unique ID: 1196
4447 Maker: "Steve Harris <steve@plugin.org.uk>"
4448 Copyright: "GPL"
4449 Must Run Real-Time: No
4450 Has activate() Function: No
4451 Has deactivate() Function: No
4452 Has run_adding() Function: Yes
4453 Environment: Normal or Hard Real-Time
4454 Ports: → "Drive level" input, control, 1 to 3, default 1
4455 → "Input" input, audio
4456 → "Output" output, audio
4457
4458 [:: freeverb.dll ::]
```

```
4459
4460 Plugin Name: "Freeverb"
4461 Plugin Label: "freeverb1"
4462 Plugin Unique ID: 1050
4463 Maker: "Werner Schweer"
4464 Copyright: "None"
4465 Must Run Real-Time: No
4466 Has activate() Function: Yes
4467 Has deactivate() Function: Yes
4468 Has run_adding() Function: Yes
4469 Environment: Normal or Hard Real-Time
4470 Ports: → "Input (Left)" input, audio
4471 → "Input (Right)" input, audio
4472 → "Output (Left)" output, audio
4473 → "Output (Right)" output, audio
4474 → "Room Size" input, control, 0 to 1
4475 → "Damping" input, control, 0 to 1, logarithmic
4476 → "Wet Level" input, control, 0 to 1, logarithmic
4477
```

```
4478 [:: freeverb_faust.dll ::]
```

```
4479
4480 Plugin Name: "freeverb"
4481 Plugin Label: "freeverb"
4482 Plugin Unique ID: 931
4483 Maker: "undefined"
4484 Copyright: "undefined"
4485 Must Run Real-Time: No
4486 Has activate() Function: Yes
4487 Has deactivate() Function: Yes
4488 Has run_adding() Function: No
4489 Environment: Normal or Hard Real-Time
4490 Ports: → "input00" input, audio
4491 → "input01" input, audio
4492 → "output00" output, audio
4493 → "output01" output, audio
4494 → "damp" input, control, 0 to 1
4495 → "roomsize" input, control, 0 to 1
4496 → "wet" input, control, 0 to 1
4497
```

```
4498 [:: freq_tracker_1418.dll ::]
```

```
4499
4500 Plugin Name: "Frequency tracker"
4501 Plugin Label: "freqTracker"
4502 Plugin Unique ID: 1418
4503 Maker: "Steve Harris <steve@plugin.org.uk>"
4504 Copyright: "GPL"
4505 Must Run Real-Time: No
4506 Has activate() Function: Yes
4507 Has deactivate() Function: No
4508 Has run_adding() Function: Yes
4509 Environment: Normal or Hard Real-Time
4510 Ports: → "Tracking speed" input, control, 0 to 1, default 0.5
```

```
4511  →"Input" input, audio
4512  →"Frequency (Hz)" output, audio
4513
4514  [:: fx_blur-ladspa-nogui.dll ::]
4515
4516  Plugin Name: "fx_blur"
4517  Plugin Label: "fx_blur"
4518  Plugin Unique ID: 1096290312
4519  Maker: "ccernn"
4520  Copyright: "Copyright (c) ccernn"
4521  Must Run Real-Time: Yes
4522  Has activate() Function: Yes
4523  Has deactivate() Function: Yes
4524  Has run_adding() Function: No
4525  Environment: Normal or Hard Real-Time
4526  Ports: →"input 0" input, audio
4527  →"input 1" input, audio
4528  →"output 0" output, audio
4529  →"output 1" output, audio
4530  →"size" input, control, 0 to 1, default 0.5
4531  →"decay" input, control, 0 to 1, default 0.5
4532  →"xfade" input, control, 0 to 1, default 0.5
4533  →"volume" input, control, 0 to 1, default 0.5
4534  →"freeze" input, control, 0 to 1, default 0.5
4535
4536  [:: fx_distortion-ladspa-nogui.dll ::]
4537
4538  Plugin Name: "fx_distortion"
4539  Plugin Label: "fx_distortion"
4540  Plugin Unique ID: 1096290307
4541  Maker: "ccernn"
4542  Copyright: "Copyright (c) ccernn"
4543  Must Run Real-Time: Yes
4544  Has activate() Function: Yes
4545  Has deactivate() Function: Yes
4546  Has run_adding() Function: No
4547  Environment: Normal or Hard Real-Time
4548  Ports: →"input 0" input, audio
4549  →"input 1" input, audio
4550  →"output 0" output, audio
4551  →"output 1" output, audio
4552  →"type" input, control, 0 to 1, default 0.5
4553  →"threshold" input, control, 0 to 1, default 0.5
4554  →"pre gain" input, control, 0 to 1, default 0.5
4555  →"post gain" input, control, 0 to 1, default 0.5
4556  →"filter" input, control, 0 to 1, default 0.5
4557  →"volume" input, control, 0 to 1, default 0.5
4558
4559  [:: fx_freeze-ladspa-nogui.dll ::]
4560
4561  Plugin Name: "fx_freeze"
4562  Plugin Label: "fx_freeze"
```

```
4563 Plugin Unique ID: 1096290313
4564 Maker: "ccernn"
4565 Copyright: "Copyright (c) ccernn"
4566 Must Run Real-Time: Yes
4567 Has activate() Function: Yes
4568 Has deactivate() Function: Yes
4569 Has run_adding() Function: No
4570 Environment: Normal or Hard Real-Time
4571 Ports: → "input 0" input, audio
4572 → "input 1" input, audio
4573 → "output 0" output, audio
4574 → "output 1" output, audio
4575 → "buffersize" input, control, 0 to 1, default 0.5
4576 → "size" input, control, 0 to 1, default 0.5
4577 → "speed" input, control, 0 to 1, default 0.5
4578 → "start" input, control, 0 to 1, default 0.5
4579 → "freeze" input, control, 0 to 1, default 0.5
4580 → "loop mode" input, control, 0 to 1, default 0.5
```

```
4581
4582 [:: fx_svf-ladspa-nogui.dll ::]
```

```
4583
4584 Plugin Name: "fx_svf"
4585 Plugin Label: "fx_svf"
4586 Plugin Unique ID: 1096290310
4587 Maker: "ccernn"
4588 Copyright: "Copyright (c) ccernn"
4589 Must Run Real-Time: Yes
4590 Has activate() Function: Yes
4591 Has deactivate() Function: Yes
4592 Has run_adding() Function: No
4593 Environment: Normal or Hard Real-Time
4594 Ports: → "input 0" input, audio
4595 → "input 1" input, audio
4596 → "output 0" output, audio
4597 → "output 1" output, audio
4598 → "mode" input, control, 0 to 1, default 0.5
4599 → "freq" input, control, 0 to 1, default 0.5
4600 → "bw" input, control, 0 to 1, default 0.5
```

```
4601
4602 [:: fx_wgtavg-ladspa-nogui.dll ::]
```

```
4603
4604 Plugin Name: "fx_wgtavg"
4605 Plugin Label: "fx_wgtavg"
4606 Plugin Unique ID: 1096290309
4607 Maker: "ccernn"
4608 Copyright: "Copyright (c) ccernn"
4609 Must Run Real-Time: Yes
4610 Has activate() Function: Yes
4611 Has deactivate() Function: Yes
4612 Has run_adding() Function: No
4613 Environment: Normal or Hard Real-Time
4614 Ports: → "input 0" input, audio
```

```

4615  →"input 1" input, audio
4616  →"output 0" output, audio
4617  →"output 1" output, audio
4618  →"mode" input, control, 0 to 1, default 0.5
4619  →"weight" input, control, 0 to 1, default 0.5
4620
4621  [:: g2reverb.dll ::]
4622
4623  Plugin Name: "Stereo reverb"
4624  Plugin Label: "G2reverb"
4625  Plugin Unique ID: 1950
4626  Maker: "Fons Adriaensen <fons.adriaensen@alcatel.be>"
4627  Copyright: "GPL"
4628  Must Run Real-Time: Yes
4629  Has activate() Function: Yes
4630  Has deactivate() Function: Yes
4631  Has run_adding() Function: No
4632  Environment: Normal or Hard Real-Time
4633  Ports: →"In L" input, audio
4634  →"In R" input, audio
4635  →"Out L" output, audio
4636  →"Out R" output, audio
4637  →"Room size" input, control, 10 to 150
4638  →"Reverb time" input, control, 1 to 20
4639  →"Input BW" input, control, 0 to 1
4640  →"Damping" input, control, 0 to 1
4641  →"Dry sound" input, control, -80 to 0
4642  →"Reflections" input, control, -80 to 0
4643  →"Reverb tail" input, control, -80 to 0
4644
4645  [:: gate_1410.dll ::]
4646
4647  Plugin Name: "Gate"
4648  Plugin Label: "gate"
4649  Plugin Unique ID: 1410
4650  Maker: "Steve Harris <steve@plugin.org.uk>"
4651  Copyright: "GPL"
4652  Must Run Real-Time: No
4653  Has activate() Function: Yes
4654  Has deactivate() Function: No
4655  Has run_adding() Function: Yes
4656  Environment: Normal or Hard Real-Time
4657  Ports: →"LF key filter (Hz)" input, control, 0.0007*srate to 0.1*srate,
         default 0.0007*srate
4658  →"HF key filter (Hz)" input, control, 0.005*srate to 0.49*srate, default
         0.49*srate
4659  →"Threshold (dB)" input, control, -70 to 20, default -70
4660  →"Attack (ms)" input, control, 0.01 to 1000, default 250.008
4661  →"Hold (ms)" input, control, 2 to 2000, default 1500.5
4662  →"Decay (ms)" input, control, 2 to 4000, default 2001
4663  →"Range (dB)" input, control, -90 to 0, default -90
4664  →"Output select (-1 = key listen, 0 = gate, 1 = bypass)" input, control,

```

```

-1 to 1, default 0, integer
4665 →"Input" input, audio
4666 →"Output" output, audio
4667
4668 [:: gate_compressor.dll ::]
4669
4670 Plugin Name: "gate_compressor"
4671 Plugin Label: "gate_compressor"
4672 Plugin Unique ID: 4294966731
4673 Maker: "undefined"
4674 Copyright: "undefined"
4675 Must Run Real-Time: No
4676 Has activate() Function: Yes
4677 Has deactivate() Function: Yes
4678 Has run_adding() Function: No
4679 Environment: Normal or Hard Real-Time
4680 Ports:→"input00" input, audio
4681 →"output00" output, audio
4682 →"output01" output, audio
4683 →"sawtoothoscillator-amplitude" input, control, -120 to 10
4684 →"sawtoothoscillator-frequency" input, control, 1 to 88
4685 →"sawtoothoscillator-detuning1" input, control, -10 to 10
4686 →"sawtoothoscillator-detuning2" input, control, -10 to 10
4687 →"sawtoothoscillator-portamento" input, control, 0.01 to 1
4688 →"sawtoothoscillator-alternatesignals-pinknoiseinstead" input, control,
4689 toggled
4690 →"sawtoothoscillator-alternatesignals-externalinputinstead" input,
4691 control, toggled
4692 →"gate-bypass" input, control, toggled
4693 →"gate-gategain" output, control, -50 to 10
4694 →"gate-threshold" input, control, -120 to 0
4695 →"gate-attack" input, control, 10 to 10000
4696 →"gate-hold" input, control, 0 to 1000
4697 →"gate-release" input, control, 0 to 1000
4698 →"compressor-bypass" input, control, toggled
4699 →"compressor-compressorgain" output, control, -50 to 10
4700 →"compressor-compressioncontrol-ratio" input, control, 1 to 20
4701 →"compressor-compressioncontrol-threshold" input, control, -100 to 10
4702 →"compressor-compressionresponse-attack" input, control, 0 to 500
4703 →"compressor-compressionresponse-release" input, control, 0 to 1000
4704 →"compressor-makeupgain" input, control, -96 to 96
4705 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4706 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4707 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4708 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4709 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4710 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4711 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4712 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4713 →"constant-qspectrumanalyzer-" output, control, -50 to 10

```

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4714 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4715 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4716 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4717 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4718 →"spectrumanalyzercontrols-levelaveragingtime" input, control, 0 to 1
4719 →"spectrumanalyzercontrols-leveldboffset" input, control, 0 to 100
4720
4721 [:: giant_flange_1437.dll ::]
4722
4723 Plugin Name: "Giant flange"
4724 Plugin Label: "giantFlange"
4725 Plugin Unique ID: 1437
4726 Maker: "Steve Harris <steve@plugin.org.uk>"
4727 Copyright: "GPL"
4728 Must Run Real-Time: No
4729 Has activate() Function: Yes
4730 Has deactivate() Function: No
4731 Has run_adding() Function: Yes
4732 Environment: Normal or Hard Real-Time
4733 Ports: →"Double delay" input, control
4734 →"LFO frequency 1 (Hz)" input, control, 0 to 30, default 1
4735 →"Delay 1 range (s)" input, control, 0 to 10.5, default 2.625
4736 →"LFO frequency 2 (Hz)" input, control, 0 to 30, default 1
4737 →"Delay 2 range (s)" input, control, 0 to 10.5, default 0
4738 →"Feedback" input, control, -100 to 100, default 0
4739 →"Dry/Wet level" input, control, 0 to 1, default 0
4740 →"Input" input, audio
4741 →"Output" output, audio
4742
4743 [:: glassHarmonica.dll ::]
4744
4745 Plugin Name: "glassHarmonica"
4746 Plugin Label: "glassHarmonica"
4747 Plugin Unique ID: 4294966770
4748 Maker: "undefined"
4749 Copyright: "undefined"
4750 Must Run Real-Time: No
4751 Has activate() Function: Yes
4752 Has deactivate() Function: Yes
4753 Has run_adding() Function: No
4754 Environment: Normal or Hard Real-Time
4755 Ports: →"output00" output, audio
4756 →"output01" output, audio
4757 →"basicparameters-freq" input, control, 20 to 20000
4758 →"basicparameters-gain" input, control, 0 to 1
4759 →"basicparameters-gate" input, control, toggled
4760 →"physicalandnonlinearity-nonlinearfilterparameters-modulationfrequency"
input, control, 20 to 1000
4761 →"physicalandnonlinearity-nonlinearfilterparameters-modulationtype"
input, control, 0 to 4
4762 →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearity" input,
control, 0 to 1

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```
4763 →"physicalandnonlinearity-physicalparameters-basegain" input, control, 0
to 1
4764 →"physicalandnonlinearity-physicalparameters-bowpressure" input,
control, 0 to 1
4765 →"physicalandnonlinearity-physicalparameters-excitationselector" input,
control, 0 to 1
4766 →"physicalandnonlinearity-physicalparameters-integrationconstant" input,
control, 0 to 1
4767 →"reverb-reverbgain" input, control, 0 to 1
4768 →"reverb-roomsize" input, control, 0.01 to 2
4769 →"spat-panangle" input, control, 0 to 1
4770 →"spat-spatialwidth" input, control, 0 to 1
4771
4772 [:: gong_1424.dll ::]
4773
4774 Plugin Name: "Gong model"
4775 Plugin Label: "gong"
4776 Plugin Unique ID: 1424
4777 Maker: "Steve Harris <steve@plugin.org.uk>"
4778 Copyright: "GPL"
4779 Must Run Real-Time: No
4780 Has activate() Function: Yes
4781 Has deactivate() Function: No
4782 Has run_adding() Function: Yes
4783 Environment: Normal or Hard Real-Time
4784 Ports: →"Inner damping" input, control, 0 to 1, default 0.5
4785 →"Outer damping" input, control, 0 to 1, default 0.5
4786 →"Mic position" input, control, 0 to 1, default 0.25
4787 →"Inner size 1" input, control, 0 to 1, default 0.5
4788 →"Inner stiffness 1 +" input, control, 0 to 1, default 0.5
4789 →"Inner stiffness 1 -" input, control, 0 to 1, default 0.5
4790 →"Inner size 2" input, control, 0 to 1, default 0.5
4791 →"Inner stiffness 2 +" input, control, 0 to 1, default 0.5
4792 →"Inner stiffness 2 -" input, control, 0 to 1, default 0.5
4793 →"Inner size 3" input, control, 0 to 1, default 0.5
4794 →"Inner stiffness 3 +" input, control, 0 to 1, default 0.5
4795 →"Inner stiffness 3 -" input, control, 0 to 1, default 0.5
4796 →"Inner size 4" input, control, 0 to 1, default 0.5
4797 →"Inner stiffness 4 +" input, control, 0 to 1, default 0.5
4798 →"Inner stiffness 4 -" input, control, 0 to 1, default 0.5
4799 →"Outer size 1" input, control, 0 to 1, default 0.5
4800 →"Outer stiffness 1 +" input, control, 0 to 1, default 0.5
4801 →"Outer stiffness 1 -" input, control, 0 to 1, default 0.5
4802 →"Outer size 2" input, control, 0 to 1, default 0.5
4803 →"Outer stiffness 2 +" input, control, 0 to 1, default 0.5
4804 →"Outer stiffness 2 -" input, control, 0 to 1, default 0.5
4805 →"Outer size 3" input, control, 0 to 1, default 0.5
4806 →"Outer stiffness 3 +" input, control, 0 to 1, default 0.5
4807 →"Outer stiffness 3 -" input, control, 0 to 1, default 0.5
4808 →"Outer size 4" input, control, 0 to 1, default 0.5
4809 →"Outer stiffness 4 +" input, control, 0 to 1, default 0.5
4810 →"Outer stiffness 4 -" input, control, 0 to 1, default 0.5
```

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4811 →"Input" input, audio
4812 →"Output" output, audio
4813
4814 [:: gong_beater_1439.dll ::]
4815
4816 Plugin Name: "Gong beater"
4817 Plugin Label: "gongBeater"
4818 Plugin Unique ID: 1439
4819 Maker: "Steve Harris <steve@plugin.org.uk>"
4820 Copyright: "GPL"
4821 Must Run Real-Time: No
4822 Has activate() Function: Yes
4823 Has deactivate() Function: No
4824 Has run_adding() Function: Yes
4825 Environment: Normal or Hard Real-Time
4826 Ports: →"Impulse gain (dB)" input, control, -70 to 0, default -70
4827 →"Strike gain (dB)" input, control, -70 to 0, default 0
4828 →"Strike duration (s)" input, control, 0.001 to 0.2, default 0.1005
4829 →"Input" input, audio
4830 →"Output" output, audio
4831
4832 [:: graphic_eq.dll ::]
4833
4834 Plugin Name: "graphic_eq"
4835 Plugin Label: "graphic_eq"
4836 Plugin Unique ID: 802
4837 Maker: "undefined"
4838 Copyright: "undefined"
4839 Must Run Real-Time: No
4840 Has activate() Function: Yes
4841 Has deactivate() Function: Yes
4842 Has run_adding() Function: No
4843 Environment: Normal or Hard Real-Time
4844 Ports: →"input00" input, audio
4845 →"output00" output, audio
4846 →"output01" output, audio
4847 →"sawtoothoscillator-amplitude" input, control, -120 to 10
4848 →"sawtoothoscillator-frequency" input, control, 1 to 88
4849 →"sawtoothoscillator-detuning1" input, control, -10 to 10
4850 →"sawtoothoscillator-detuning2" input, control, -10 to 10
4851 →"sawtoothoscillator-portamento" input, control, 0.01 to 1
4852 →"sawtoothoscillator-alternatesignals-pinknoiseinstead" input, control,
4853 toggled
4854 →"sawtoothoscillator-alternatesignals-externalinputinstead" input,
4855 control, toggled
4856 →"constant-qfilterbank-bypass" input, control, toggled
4857 →"constant-qfilterbank-" input, control, -70 to 10
4858 →"constant-qfilterbank-" input, control, -70 to 10
4859 →"constant-qfilterbank-" input, control, -70 to 10
4860 →"constant-qfilterbank-" input, control, -70 to 10

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4861 →"constant-qfilterbank-" input, control, -70 to 10
4862 →"constant-qfilterbank-" input, control, -70 to 10
4863 →"constant-qfilterbank-" input, control, -70 to 10
4864 →"constant-qfilterbank-" input, control, -70 to 10
4865 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4866 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4867 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4868 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4869 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4870 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4871 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4872 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4873 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4874 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4875 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4876 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4877 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4878 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4879 →"constant-qspectrumanalyzer-" output, control, -50 to 10
4880 →"spectrumanalyzercontrols-levelaveragingtime" input, control, 0 to 1
4881 →"spectrumanalyzercontrols-leveldboffset" input, control, 0 to 100
4882
```

4883 [:: gsm_1215.dll ::]

```
4884
4885 Plugin Name: "GSM simulator"
4886 Plugin Label: "gsm"
4887 Plugin Unique ID: 1215
4888 Maker: "Steve Harris <steve@plugin.org.uk>"
4889 Copyright: "GPL"
4890 Must Run Real-Time: No
4891 Has activate() Function: Yes
4892 Has deactivate() Function: No
4893 Has run_adding() Function: Yes
4894 Environment: Normal
4895 Ports: →"Dry/wet mix" input, control, 0 to 1, default 1
4896 →"Number of passes" input, control, 0 to 10, default 1, integer
4897 →"Error rate (bits/block)" input, control, 0 to 30, default 0
4898 →"Input" input, audio
4899 →"Output" output, audio
4900 →"latency" output, control
4901
```

4902 [:: guitarix_amp.dll ::]

```
4903
4904 Plugin Name: "guitarix_amp"
4905 Plugin Label: "guitarix_amp"
4906 Plugin Unique ID: 4066
4907 Maker: "brummer"
4908 Copyright: "GPL"
4909 Must Run Real-Time: No
4910 Has activate() Function: Yes
4911 Has deactivate() Function: Yes
4912 Has run_adding() Function: No
```

```
4913 Environment: Normal or Hard Real-Time
4914 Ports:→"input00" input, audio
4915 →"output00" output, audio
4916 →"preamp" input, control, toggled, default 0
4917 →"gain" input, control, -40 to 40, default 0
4918 →"bass" input, control, -20 to 20, default 0
4919 →"treble" input, control, -20 to 20, default 0
4920 →"feedbackgain" input, control, 0 to 1, default 0
4921 →"feedforwardgain" input, control, 0 to 1, default 0
```

4922 [:: guitarix_compressor.dll ::]

```
4923
4924
4925 Plugin Name: "guitarix_compressor"
4926 Plugin Label: "guitarix_compressor"
4927 Plugin Unique ID: 4067
4928 Maker: "brummer"
4929 Copyright: "BSD"
4930 Must Run Real-Time: No
4931 Has activate() Function: Yes
4932 Has deactivate() Function: Yes
4933 Has run_adding() Function: No
4934 Environment: Normal or Hard Real-Time
4935 Ports:→"input00" input, audio
4936 →"output00" output, audio
4937 →"knee" input, control, 0 to 20
4938 →"ratio" input, control, 1 to 20
4939 →"threshold" input, control, -96 to 10
4940 →"attack" input, control, 0 to 1, default 0
4941 →"release" input, control, 0 to 10, default 2.5
4942 →"gain" input, control, -96 to 96, default 0
```

4943 [:: guitarix_crybaby.dll ::]

```
4944
4945
4946 Plugin Name: "guitarix_crybaby"
4947 Plugin Label: "guitarix_crybaby"
4948 Plugin Unique ID: 4062
4949 Maker: "brummer"
4950 Copyright: "GPL"
4951 Must Run Real-Time: No
4952 Has activate() Function: Yes
4953 Has deactivate() Function: Yes
4954 Has run_adding() Function: No
4955 Environment: Normal or Hard Real-Time
4956 Ports:→"input00" input, audio
4957 →"output00" output, audio
4958 →"level" input, control, 0 to 1, default 0.25
4959 →"wah" input, control, 0 to 1, default 0
4960 →"wetdry" input, control, -1 to 1, default 0
```

4961 [:: guitarix_distortion.dll ::]

```
4962
4963
4964 Plugin Name: "guitarix_distortion"
```

```
4965 Plugin Label: "guitarix-distortion"
4966 Plugin Unique ID: 4061
4967 Maker: "brummer"
4968 Copyright: "GPL"
4969 Must Run Real-Time: No
4970 Has activate() Function: Yes
4971 Has deactivate() Function: Yes
4972 Has run_adding() Function: No
4973 Environment: Normal or Hard Real-Time
4974 Ports: → "input00" input, audio
4975 → "output00" output, audio
4976 → "overdrive" input, control, 1 to 20, default 10.5
4977 → "overdrive" input, control, toggled, default 0
4978 → "drive" input, control, 0 to 1, default 0.5
4979 → "drivelevel" input, control, 0 to 1, default 0
4980 → "drivegain" input, control, -20 to 20, default 0
4981 → "highpass" input, control, 8 to 1000, default 256
4982 → "lowpass" input, control, 1000 to 10000, default 5500
4983 → "lowhighpass" input, control, toggled, default 1
4984 → "highcut" input, control, 1000 to 10000, default 5500
4985 → "lowcut" input, control, 8 to 1000, default 256
4986 → "lowhighcut" input, control, toggled, default 1
4987 → "trigger" input, control, 0 to 1, default 1
4988 → "vibrato" input, control, 0.01 to 1, default 1
4989
```

4990 [:: guitarix_echo.dll ::]

```
4991
4992 Plugin Name: "guitarix_echo"
4993 Plugin Label: "guitarix_echo"
4994 Plugin Unique ID: 4063
4995 Maker: "brummer"
4996 Copyright: "GPL"
4997 Must Run Real-Time: No
4998 Has activate() Function: Yes
4999 Has deactivate() Function: Yes
5000 Has run_adding() Function: No
5001 Environment: Normal or Hard Real-Time
5002 Ports: → "input00" input, audio
5003 → "output00" output, audio
5004 → "release" input, control, 0 to 100, default 50
5005 → "time" input, control, 1 to 2000, default 1000.5
5006
```

5007 [:: guitarix_freeverb.dll ::]

```
5008
5009 Plugin Name: "guitarix_freeverb"
5010 Plugin Label: "guitarix_freeverb"
5011 Plugin Unique ID: 4064
5012 Maker: "brummer"
5013 Copyright: "GPL"
5014 Must Run Real-Time: No
5015 Has activate() Function: Yes
5016 Has deactivate() Function: Yes
```

```
5017 Has_run_adding() Function: No
5018 Environment: Normal or Hard Real-Time
5019 Ports:→"input00" input, audio
5020 →"output00" output, audio
5021 →"roomsize" input, control, 0 to 1, default 0.5
5022 →"damp" input, control, 0 to 1, default 0.5
5023 →"drywet" input, control, 0 to 1, default 0.25
5024
5025 [:: guitarix_IR.dll ::]
5026
5027 Plugin Name: "guitarix_IR"
5028 Plugin Label: "guitarix_IR"
5029 Plugin Unique ID: 4065
5030 Maker: "brummer"
5031 Copyright: "GPL"
5032 Must Run Real-Time: No
5033 Has_activate() Function: Yes
5034 Has_deactivate() Function: Yes
5035 Has_run_adding() Function: No
5036 Environment: Normal or Hard Real-Time
5037 Ports:→"input00" input, audio
5038 →"output00" output, audio
5039 →"bandwidth" input, control, 20 to 20000, default 20
5040 →"frequency" input, control, 20 to 2200, default 1110
5041 →"peakgain" input, control, 0 to 10, default 2.5
5042
5043 [:: gverb_1216.dll ::]
5044
5045 Plugin Name: "GVerb"
5046 Plugin Label: "gverb"
5047 Plugin Unique ID: 1216
5048 Maker: "Juhana Sadeharju <kouhia at nic.funet.fi>, LADSPAification by
Steve Harris <steve@plugin.org.uk>"
5049 Copyright: "GPL"
5050 Must Run Real-Time: No
5051 Has_activate() Function: Yes
5052 Has_deactivate() Function: No
5053 Has_run_adding() Function: Yes
5054 Environment: Normal or Hard Real-Time
5055 Ports:→"Roomsize (m)" input, control, 1 to 300, default 75.75
5056 →"Reverb time (s)" input, control, 0.1 to 30, default 7.575
5057 →"Damping" input, control, 0 to 1, default 0.5
5058 →"Input bandwidth" input, control, 0 to 1, default 0.75
5059 →"Dry signal level (dB)" input, control, -70 to 0, default -70
5060 →"Early reflection level (dB)" input, control, -70 to 0, default 0
5061 →"Tail level (dB)" input, control, -70 to 0, default -17.5
5062 →"Input" input, audio
5063 →"Left output" output, audio
5064 →"Right output" output, audio
5065
5066 [:: hard_limiter_1413.dll ::]
5067
```

```
5068 Plugin Name: "Hard Limiter"
5069 Plugin Label: "hardLimiter"
5070 Plugin Unique ID: 1413
5071 Maker: "Marcus Andersson"
5072 Copyright: "GPL"
5073 Must Run Real-Time: No
5074 Has activate() Function: No
5075 Has deactivate() Function: No
5076 Has run_adding() Function: Yes
5077 Environment: Normal or Hard Real-Time
5078 Ports: → "dB limit" input, control, -50 to 0, default 0
5079 → "Wet level" input, control, 0 to 1, default 1
5080 → "Residue level" input, control, 0 to 1, default 0
5081 → "Input" input, audio
5082 → "Output" output, audio
5083
5084 [:: harmonic_gen_1220.dll ::]
5085
5086 Plugin Name: "Harmonic generator"
5087 Plugin Label: "harmonicGen"
5088 Plugin Unique ID: 1220
5089 Maker: "Steve Harris <steve@plugin.org.uk>"
5090 Copyright: "GPL"
5091 Must Run Real-Time: No
5092 Has activate() Function: Yes
5093 Has deactivate() Function: No
5094 Has run_adding() Function: Yes
5095 Environment: Normal or Hard Real-Time
5096 Ports: → "Fundamental magnitude" input, control, -1 to 1, default 1
5097 → "2nd harmonic magnitude" input, control, -1 to 1, default 0
5098 → "3rd harmonic magnitude" input, control, -1 to 1, default 0
5099 → "4th harmonic magnitude" input, control, -1 to 1, default 0
5100 → "5th harmonic magnitude" input, control, -1 to 1, default 0
5101 → "6th harmonic magnitude" input, control, -1 to 1, default 0
5102 → "7th harmonic magnitude" input, control, -1 to 1, default 0
5103 → "8th harmonic magnitude" input, control, -1 to 1, default 0
5104 → "9th harmonic magnitude" input, control, -1 to 1, default 0
5105 → "10th harmonic magnitude" input, control, -1 to 1, default 0
5106 → "Input" input, audio, -1 to 1
5107 → "Output" output, audio, -1 to 1
5108
5109 [:: harpsi.dll ::]
5110
5111 Plugin Name: "harpsi"
5112 Plugin Label: "harpsi"
5113 Plugin Unique ID: 146
5114 Maker: "undefined"
5115 Copyright: "undefined"
5116 Must Run Real-Time: No
5117 Has activate() Function: Yes
5118 Has deactivate() Function: Yes
5119 Has run_adding() Function: No
```

```

5120 Environment: Normal or Hard Real-Time
5121 Ports: → "output00" output, audio
5122 → "output01" output, audio
5123 → "basicparameters-freq" input, control, 20 to 20000
5124 → "basicparameters-gain" input, control, 0 to 1
5125 → "basicparameters-gate" input, control, toggled
5126 → "physicalandnonlinearity-nonlinearfilterparameters-modulationfrequency"
input, control, 20 to 1000
5127 → "physicalandnonlinearity-nonlinearfilterparameters-modulationtype"
input, control, 0 to 4
5128 → "physicalandnonlinearity-nonlinearfilterparameters-nonlinearity" input,
control, 0 to 1
5129 → "reverb-reverbgain" input, control, 0 to 1
5130 → "reverb-roomsize" input, control, 0.01 to 2
5131 → "spat-panangle" input, control, 0 to 1
5132 → "spat-spatialwidth" input, control, 0 to 1
5133
5134 [:: highpass_iir_1890.dll ::]
5135
5136 Plugin Name: "Glame Highpass Filter"
5137 Plugin Label: "highpass_iir"
5138 Plugin Unique ID: 1890
5139 Maker: "Alexander Ehlert <mag@glame.de>"
5140 Copyright: "GPL"
5141 Must Run Real-Time: No
5142 Has activate() Function: Yes
5143 Has deactivate() Function: No
5144 Has run_adding() Function: Yes
5145 Environment: Normal or Hard Real-Time
5146 Ports: → "Cutoff Frequency" input, control, 0.0001*srate to 0.45*srate,
default 0.000819036*srate, logarithmic
5147 → "Stages(2 poles per stage)" input, control, 1 to 10, default 1, integer
5148 → "Input" input, audio
5149 → "Output" output, audio
5150
5151 [:: highShelf.dll ::]
5152
5153 Plugin Name: "highShelf"
5154 Plugin Label: "highShelf"
5155 Plugin Unique ID: 807
5156 Maker: "undefined"
5157 Copyright: "undefined"
5158 Must Run Real-Time: No
5159 Has activate() Function: Yes
5160 Has deactivate() Function: Yes
5161 Has run_adding() Function: No
5162 Environment: Normal or Hard Real-Time
5163 Ports: → "input00" input, audio
5164 → "output00" output, audio
5165 → "freq" input, control, 100 to 10000
5166 → "gain" input, control, -10 to 10
5167 → "q" input, control, 0.01 to 100

```

```
5168
5169 [:: hilbert_1440.dll ::]
5170
5171 Plugin Name: "Hilbert transformer"
5172 Plugin Label: "hilbert"
5173 Plugin Unique ID: 1440
5174 Maker: "Steve Harris <steve@plugin.org.uk>"
5175 Copyright: "GPL"
5176 Must Run Real-Time: No
5177 Has activate() Function: No
5178 Has deactivate() Function: No
5179 Has run_adding() Function: Yes
5180 Environment: Normal or Hard Real-Time
5181 Ports: → "Input" input, audio
5182 → "0deg output" output, audio
5183 → "90deg output" output, audio
5184 → "latency" output, control
5185
5186 [:: HPF.dll ::]
5187
5188 Plugin Name: "HPF"
5189 Plugin Label: "HPF"
5190 Plugin Unique ID: 7
5191 Maker: "undefined"
5192 Copyright: "undefined"
5193 Must Run Real-Time: No
5194 Has activate() Function: Yes
5195 Has deactivate() Function: Yes
5196 Has run_adding() Function: No
5197 Environment: Normal or Hard Real-Time
5198 Ports: → "input00" input, audio
5199 → "output00" output, audio
5200 → "freq" input, control, 100 to 10000
5201 → "q" input, control, 0.01 to 100
5202
5203 [:: hz_voct_4200.dll ::]
5204
5205 Plugin Name: "Hz to V/Oct Converter (CR)"
5206 Plugin Label: "hz_voct_cr"
5207 Plugin Unique ID: 4200
5208 Maker: "Dave Robillard"
5209 Copyright: "GPL"
5210 Must Run Real-Time: No
5211 Has activate() Function: No
5212 Has deactivate() Function: No
5213 Has run_adding() Function: No
5214 Environment: Normal or Hard Real-Time
5215 Ports: → "Input" input, control
5216 → "Output" output, control
5217
5218 Plugin Name: "Hz to V/Oct Converter (AR)"
5219 Plugin Label: "hz_voct_ar"
```

```
5220 Plugin Unique ID: 4201
5221 Maker: "Dave Robillard"
5222 Copyright: "GPL"
5223 Must Run Real-Time: No
5224 Has activate() Function: No
5225 Has deactivate() Function: No
5226 Has run_adding() Function: No
5227 Environment: Normal or Hard Real-Time
5228 Ports: → "Input" input, audio
5229 → "Output" output, audio
5230
5231 [:: iiwusynth.dll ::]
5232
5233 Plugin Name: "IIWU Synth"
5234 Plugin Label: "iiwusynth"
5235 Plugin Unique ID: 1521
5236 Maker: "Peter Hanappe"
5237 Copyright: "Peter Hanappe"
5238 Must Run Real-Time: Yes
5239 Has activate() Function: No
5240 Has deactivate() Function: No
5241 Has run_adding() Function: Yes
5242 Environment: Normal or Hard Real-Time
5243 Ports: → "Left" output, audio
5244 → "Right" output, audio
5245
5246 [:: impulse_1885.dll ::]
5247
5248 Plugin Name: "Nonbandlimited single-sample impulses (Frequency: Control)"
5249 Plugin Label: "impulse_fc"
5250 Plugin Unique ID: 1885
5251 Maker: "Andy Wingo <wingo at pobox dot com>"
5252 Copyright: "GPL"
5253 Must Run Real-Time: No
5254 Has activate() Function: Yes
5255 Has deactivate() Function: No
5256 Has run_adding() Function: Yes
5257 Environment: Normal or Hard Real-Time
5258 Ports: → "Frequency (Hz)" input, control, 0 to ...
5259 → "Output" output, audio
5260
5261 [:: imp_1199.dll ::]
5262
5263 Plugin Name: "Impulse convolver"
5264 Plugin Label: "imp"
5265 Plugin Unique ID: 1199
5266 Maker: "Steve Harris <steve@plugin.org.uk>"
5267 Copyright: "GPL"
5268 Must Run Real-Time: No
5269 Has activate() Function: Yes
5270 Has deactivate() Function: No
5271 Has run_adding() Function: Yes
```

```
5272 Environment: Normal
5273 Ports: → "Impulse ID" input, control, 1 to 21, default 1, integer
5274 → "High latency mode" input, control, 0 to 1, default 0, integer
5275 → "Gain (dB)" input, control, -90 to 24, default 0
5276 → "Input" input, audio
5277 → "Output" output, audio
5278 → "latency" output, control
5279
5280 [:: interpolator_1660.dll ::]
5281
5282 Plugin Name: "Control to Audio Interpolator"
5283 Plugin Label: "interpolator"
5284 Plugin Unique ID: 1660
5285 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
5286 Copyright: "GPL"
5287 Must Run Real-Time: No
5288 Has activate() Function: Yes
5289 Has deactivate() Function: No
5290 Has run_adding() Function: No
5291 Environment: Normal or Hard Real-Time
5292 Ports: → "Control Input" input, control
5293 → "Interpolated Output" output, audio
5294
5295 [:: inv_1429.dll ::]
5296
5297 Plugin Name: "Inverter"
5298 Plugin Label: "inv"
5299 Plugin Unique ID: 1429
5300 Maker: "Steve Harris <steve@plugin.org.uk>"
5301 Copyright: "GPL"
5302 Must Run Real-Time: No
5303 Has activate() Function: No
5304 Has deactivate() Function: No
5305 Has run_adding() Function: Yes
5306 Environment: Normal or Hard Real-Time
5307 Ports: → "Input" input, audio
5308 → "Output" output, audio
5309
5310 [:: inv_compressor.dll ::]
5311
5312 Plugin Name: ":: Invada :: Compressor - Mono"
5313 Plugin Label: "invada_mono_compressor_module_0_1"
5314 Plugin Unique ID: 3308
5315 Maker: "Fraser At Invada Records dot Com"
5316 Copyright: "(c) Invada Records"
5317 Must Run Real-Time: No
5318 Has activate() Function: Yes
5319 Has deactivate() Function: No
5320 Has run_adding() Function: No
5321 Environment: Normal or Hard Real-Time
5322 Ports: → "Tight / Sloppy" input, control, 0 to 1, default 0.5
5323 → "Attack (ms)" input, control, 0.01 to 750, default 0.01, logarithmic
```

```

5324  →"Release (ms)" input, control, 1 to 5000, default 1, logarithmic
5325  →"Threshold (dB)" input, control, -36 to 0, default 0
5326  →"Ratio" input, control, 1 to 20, default 1, logarithmic
5327  →"Gain (dB)" input, control, -6 to 36, default 0
5328  →"Soft Clip" input, control, toggled, default 1
5329  →"Gain Reduction" output, control, -36 to 0
5330  →"Input" input, audio
5331  →"Output" output, audio
5332
5333  Plugin Name: ":: Invada :: Compressor - Stereo"
5334  Plugin Label: "invada_stereo_compressor_module_0_1"
5335  Plugin Unique ID: 3309
5336  Maker: "Fraser At Invada Records dot Com"
5337  Copyright: "(c) Invada Records"
5338  Must Run Real-Time: No
5339  Has activate() Function: Yes
5340  Has deactivate() Function: No
5341  Has run_adding() Function: No
5342  Environment: Normal or Hard Real-Time
5343  Ports: →"Tight / Sloppy" input, control, 0 to 1, default 0.25
5344  →"Attack (ms)" input, control, 0.01 to 300, default 0.01, logarithmic
5345  →"Release (ms)" input, control, 1 to 2000, default 1, logarithmic
5346  →"Threshold (dB)" input, control, -36 to 0, default 0
5347  →"Ratio" input, control, 1 to 20, default 1, logarithmic
5348  →"Gain (dB)" input, control, -6 to 36, default 0
5349  →"Soft Clip" input, control, toggled, default 1
5350  →"Gain Reduction" output, control, -36 to 0
5351  →"Input (Left)" input, audio
5352  →"Output (Left)" output, audio
5353  →"Input (Right)" input, audio
5354  →"Output (Right)" output, audio
5355
5356  [:: inv_erreverb.dll ::]
5357
5358  Plugin Name: ":: Invada :: ER Reverb - Mono In"
5359  Plugin Label: "invada_mono_reverbER_module_0_1"
5360  Plugin Unique ID: 3311
5361  Maker: "Fraser At Invada Records dot Com"
5362  Copyright: "(c) Invada Records"
5363  Must Run Real-Time: No
5364  Has activate() Function: Yes
5365  Has deactivate() Function: No
5366  Has run_adding() Function: No
5367  Environment: Normal or Hard Real-Time
5368  Ports: →"Room Length" input, control, 3 to 100, default 27.25
5369  →"Room Width" input, control, 3 to 100, default 27.25
5370  →"Room Height" input, control, 3 to 30, default 9.75
5371  →"Source (L/R)" input, control, 0.01 to 0.99, default 0.5
5372  →"Source (F/B)" input, control, 0.55 to 1, default 0.775
5373  →"Listener (L/R)" input, control, 0.01 to 0.99, default 0.5
5374  →"Listener (F/B)" input, control, 0 to 0.45, default 0.225
5375  →"HPF (Hz)" input, control, 0.001*srate to 0.05*srate, default

```

```

0.001*srate, logarithmic
5376 →"Warmth" input, control, 0 to 1, default 0.5
5377 →"Diffusion" input, control, 0 to 1, default 0.5
5378 →"Output (Left)" output, audio
5379 →"Output (Right)" output, audio
5380 →"Input" input, audio
5381
5382 Plugin Name: ":: Invada :: ER Reverb - Sum L+R In"
5383 Plugin Label: "invada_sum_reverbER_module_0_1"
5384 Plugin Unique ID: 3312
5385 Maker: "Fraser At Invada Records dot Com"
5386 Copyright: "(c) Invada Records"
5387 Must Run Real-Time: No
5388 Has activate() Function: Yes
5389 Has deactivate() Function: No
5390 Has run_adding() Function: No
5391 Environment: Normal or Hard Real-Time
5392 Ports: →"Room Length" input, control, 3 to 100, default 27.25
5393 →"Room Width" input, control, 3 to 100, default 27.25
5394 →"Room Height" input, control, 3 to 30, default 9.75
5395 →"Source (L/R)" input, control, 0.01 to 0.99, default 0.5
5396 →"Source (F/B)" input, control, 0.55 to 1, default 0.775
5397 →"Listener (L/R)" input, control, 0.01 to 0.99, default 0.5
5398 →"Listener (F/B)" input, control, 0 to 0.45, default 0.225
5399 →"HPF (Hz)" input, control, 0.001*srate to 0.05*srate, default
0.001*srate, logarithmic
5400 →"Warmth" input, control, 0 to 1, default 0.5
5401 →"Diffusion" input, control, 0 to 1, default 0.5
5402 →"Output (Left)" output, audio
5403 →"Output (Right)" output, audio
5404 →"Input (Left)" input, audio
5405 →"Input (Right)" input, audio
5406
5407 [:: inv_filter.dll ::]
5408
5409 Plugin Name: ":: Invada :: Filter - Low Pass Mono"
5410 Plugin Label: "invada_lp_mono_filter_module_0_1"
5411 Plugin Unique ID: 3302
5412 Maker: "Fraser At Invada Records dot Com"
5413 Copyright: "(c) Invada Records"
5414 Must Run Real-Time: No
5415 Has activate() Function: Yes
5416 Has deactivate() Function: No
5417 Has run_adding() Function: No
5418 Environment: Normal or Hard Real-Time
5419 Ports: →"Frequency (Hz)" input, control, 0.0005*srate to 0.5*srate,
default 0.0158114*srate, logarithmic
5420 →"Gain (dB)" input, control, 0 to 12, default 0
5421 →"Soft Clip" input, control, toggled, default 0
5422 →"Input" input, audio
5423 →"Output" output, audio
5424

```

```
5425 Plugin Name: ":: Invada :: Filter - High Pass Mono"
5426 Plugin Label: "invada_hp_mono_filter_module_0_1"
5427 Plugin Unique ID: 3303
5428 Maker: "Fraser At Invada Records dot Com"
5429 Copyright: "(c) Invada Records"
5430 Must Run Real-Time: No
5431 Has activate() Function: Yes
5432 Has deactivate() Function: No
5433 Has run_adding() Function: No
5434 Environment: Normal or Hard Real-Time
5435 Ports: → "Frequency (Hz)" input, control, 0.0005*srate to 0.5*srate,
default 0.0158114*srate, logarithmic
5436 → "Gain (dB)" input, control, 0 to 12, default 0
5437 → "Soft Clip" input, control, toggled, default 0
5438 → "Input" input, audio
5439 → "Output" output, audio
5440
5441 Plugin Name: ":: Invada :: Filter - Low Pass Stereo"
5442 Plugin Label: "invada_lp_stereo_filter_module_0_1"
5443 Plugin Unique ID: 3304
5444 Maker: "Fraser At Invada Records dot Com"
5445 Copyright: "(c) Invada Records"
5446 Must Run Real-Time: No
5447 Has activate() Function: Yes
5448 Has deactivate() Function: No
5449 Has run_adding() Function: No
5450 Environment: Normal or Hard Real-Time
5451 Ports: → "Frequency (Hz)" input, control, 0.0005*srate to 0.5*srate,
default 0.0158114*srate, logarithmic
5452 → "Gain (dB)" input, control, 0 to 12, default 0
5453 → "Soft Clip" input, control, toggled, default 0
5454 → "Input (Left)" input, audio
5455 → "Output (Left)" output, audio
5456 → "Input (Right)" input, audio
5457 → "Output (Right)" output, audio
5458
5459 Plugin Name: ":: Invada :: Filter - High Pass Stereo"
5460 Plugin Label: "invada_hp_stereo_filter_module_0_1"
5461 Plugin Unique ID: 3305
5462 Maker: "Fraser At Invada Records dot Com"
5463 Copyright: "(c) Invada Records"
5464 Must Run Real-Time: No
5465 Has activate() Function: Yes
5466 Has deactivate() Function: No
5467 Has run_adding() Function: No
5468 Environment: Normal or Hard Real-Time
5469 Ports: → "Frequency (Hz)" input, control, 0.0005*srate to 0.5*srate,
default 0.0158114*srate, logarithmic
5470 → "Gain (dB)" input, control, 0 to 12, default 0
5471 → "Soft Clip" input, control, toggled, default 0
5472 → "Input (Left)" input, audio
5473 → "Output (Left)" output, audio
```

```

5474  →"Input (Right)" input, audio
5475  →"Output (Right)" output, audio
5476
5477  [:: inv_input.dll ::]
5478
5479  Plugin Name: ":: Invada :: Input Module"
5480  Plugin Label: "invada_stereo_input_module_0_1"
5481  Plugin Unique ID: 3301
5482  Maker: "Fraser At Invada Records dot Com"
5483  Copyright: "(c) Invada Records"
5484  Must Run Real-Time: No
5485  Has activate() Function: Yes
5486  Has deactivate() Function: No
5487  Has run_adding() Function: No
5488  Environment: Normal or Hard Real-Time
5489  Ports: →"Phase Reverse (Left)" input, control, toggled, default 0
5490  →"Phase Reverse (Right)" input, control, toggled, default 0
5491  →"Gain (dB)" input, control, -24 to 24, default 0
5492  →"Pan (L-R)" input, control, -1 to 1, default 0
5493  →"Width (M-S)" input, control, -1 to 1, default 0
5494  →"Soft Clip" input, control, toggled, default 0
5495  →"Input (Left)" input, audio
5496  →"Input (Right)" input, audio
5497  →"Output (Left)" output, audio
5498  →"Output (Right)" output, audio
5499
5500  [:: inv_tube.dll ::]
5501
5502  Plugin Name: ":: Invada :: Tube - Mono"
5503  Plugin Label: "invada_mono_tube_module_0_1"
5504  Plugin Unique ID: 3306
5505  Maker: "Fraser At Invada Records dot Com"
5506  Copyright: "(c) Invada Records"
5507  Must Run Real-Time: No
5508  Has activate() Function: Yes
5509  Has deactivate() Function: No
5510  Has run_adding() Function: No
5511  Environment: Normal or Hard Real-Time
5512  Ports: →"Drive (dB)" input, control, 0 to 18, default 0
5513  →"DC Offset" input, control, -1 to 1, default 0
5514  →"Phase" input, control, toggled, default 0
5515  →"Wet/Dry Mix (%)" input, control, 0 to 100, default 75
5516  →"Input" input, audio
5517  →"Output" output, audio
5518
5519  Plugin Name: ":: Invada :: Tube - Stereo"
5520  Plugin Label: "invada_stereo_tube_module_0_1"
5521  Plugin Unique ID: 3307
5522  Maker: "Fraser At Invada Records dot Com"
5523  Copyright: "(c) Invada Records"
5524  Must Run Real-Time: No
5525  Has activate() Function: Yes

```

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5526 Has deactivate() Function: No
5527 Has run_adding() Function: No
5528 Environment: Normal or Hard Real-Time
5529 Ports:→"Drive (dB)" input, control, 0 to 18, default 0
5530 →"DC Offset" input, control, -1 to 1, default 0
5531 →"Phase" input, control, toggled, default 0
5532 →"Wet/Dry Mix (%)" input, control, 0 to 100, default 75
5533 →"Input (Left)" input, audio
5534 →"Output (Left)" output, audio
5535 →"Input (Right)" input, audio
5536 →"Output (Right)" output, audio
5537
5538 [:: karaoke_1409.dll ::]
5539
5540 Plugin Name: "Karaoke"
5541 Plugin Label: "karaoke"
5542 Plugin Unique ID: 1409
5543 Maker: "Steve Harris <steve@plugin.org.uk>"
5544 Copyright: "GPL"
5545 Must Run Real-Time: No
5546 Has activate() Function: No
5547 Has deactivate() Function: No
5548 Has run_adding() Function: Yes
5549 Environment: Normal or Hard Real-Time
5550 Ports:→"Vocal volume (dB)" input, control, -70 to 0, default 0
5551 →"Left in" input, audio
5552 →"Right in" input, audio
5553 →"Left out" output, audio
5554 →"Right out" output, audio
5555
5556 [:: karplus.dll ::]
5557
5558 Plugin Name: "karplus"
5559 Plugin Label: "karplus"
5560 Plugin Unique ID: 692
5561 Maker: "undefined"
5562 Copyright: "undefined"
5563 Must Run Real-Time: No
5564 Has activate() Function: Yes
5565 Has deactivate() Function: Yes
5566 Has run_adding() Function: No
5567 Environment: Normal or Hard Real-Time
5568 Ports:→"output00" output, audio
5569 →"excitator-excitation" input, control, 2 to 512
5570 →"excitator-play" input, control, toggled
5571 →"level" input, control, 0 to 1
5572 →"resonator-attenuation" input, control, 0 to 1
5573 →"resonator-duration" input, control, 2 to 512
5574
5575 [:: karplus32.dll ::]
5576
5577 Plugin Name: "karplus32"
```

```
5578 Plugin Label: "karplus32"
5579 Plugin Unique ID: 251
5580 Maker: "undefined"
5581 Copyright: "undefined"
5582 Must Run Real-Time: No
5583 Has activate() Function: Yes
5584 Has deactivate() Function: Yes
5585 Has run_adding() Function: No
5586 Environment: Normal or Hard Real-Time
5587 Ports: →"output00" output, audio
5588 →"output01" output, audio
5589 →"excitator-excitation" input, control, 2 to 512
5590 →"excitator-play" input, control, toggled
5591 →"noisegenerator-level" input, control, 0 to 1
5592 →"outputvolume" input, control, 0 to 1
5593 →"resonatorx32-attenuation" input, control, 0 to 1
5594 →"resonatorx32-detune" input, control, 0 to 512
5595 →"resonatorx32-duration" input, control, 2 to 512
5596 →"resonatorx32-polyphony" input, control, 0 to 32
5597
5598 [:: kicktrigger.dll ::]
5599
5600 Plugin Name: "Kick Trigger 1 Channels"
5601 Plugin Label: "kicktrigger_x1"
5602 Plugin Unique ID: 4861
5603 Maker: "Immanuel Albrecht"
5604 Copyright: "(c) 2012, GPLv3"
5605 Must Run Real-Time: No
5606 Has activate() Function: Yes
5607 Has deactivate() Function: No
5608 Has run_adding() Function: No
5609 Environment: Normal or Hard Real-Time
5610 Ports: →"Samples per block for channel 0" input, control, 1 to 300,
default 1
5611 →"Trigger threshold for channel 0" input, control, 0 to ..., default 1,
logarithmic
5612 →"Release threshold for channel 0" input, control, 0 to ..., default 1,
logarithmic
5613 →"Release delay for channel 0" input, control, 0 to ..., default 1
5614 →"Click level for channel 0" input, control, 0 to ..., default 1,
logarithmic
5615 →"Click delay for channel 0" input, control, 0 to ..., default 1
5616 →"Click release for channel 0" input, control, 0 to ..., default 1
5617 →"Triggered input level for channel 0" input, control, 0 to ..., default
1, logarithmic
5618 →"Stand-by input level for channel 0" input, control, 0 to ..., default
0, logarithmic
5619 →"Input trigger release for channel 0" input, control, 0 to ..., default 1
5620 →"Synthesized base level for channel 0" input, control, 0 to ..., default
1, logarithmic
5621 →"Synthesizer gain 0 for channel 0" input, control, 0 to ..., default 1,
logarithmic
```

```
5622 →"Synthesizer gain 1 for channel 0" input, control, 0 to ..., default 1,
logarithmic
5623 →"Synthesizer gain 2 for channel 0" input, control, 0 to ..., default 1,
logarithmic
5624 →"Synthesizer frequency 0 for channel 0" input, control, 1e-005 to 16,
default 1, logarithmic
5625 →"Synthesizer frequency 1 for channel 0" input, control, 1e-005 to 16,
default 1, logarithmic
5626 →"Synthesizer frequency 2 for channel 0" input, control, 1e-005 to 16,
default 1, logarithmic
5627 →"Synthesizer frequency 3 for channel 0" input, control, 1e-005 to 16,
default 1, logarithmic
5628 →"Synthesizer time 0-1 for channel 0" input, control, 0 to ..., default 1
5629 →"Synthesizer time 1-2 for channel 0" input, control, 0 to ..., default 1
5630 →"Synthesizer time 2-3 for channel 0" input, control, 0 to ..., default 1
5631 →"Output gain level for channel 0" input, control, 0 to ..., default 1,
logarithmic
5632 →"Input gain for channel 0" output, control, 0 to ..., default 0,
logarithmic
5633 →"Input vs threshold for channel 0" output, control, 0 to 1, default 0,
logarithmic
5634 →"Input vs release for channel 0" output, control, 0 to 1, default 0,
logarithmic
5635 →"Trigger count for channel 0" output, control, 0 to 100, default 0,
logarithmic, integer
5636 →"Input 0" input, audio
5637 →"Output 0" output, audio
5638
5639 Plugin Name: "Kick Trigger 2 Channels"
5640 Plugin Label: "kicktrigger_x2"
5641 Plugin Unique ID: 4862
5642 Maker: "Immanuel Albrecht"
5643 Copyright: "(c) 2012, GPLv3"
5644 Must Run Real-Time: No
5645 Has activate() Function: Yes
5646 Has deactivate() Function: No
5647 Has run_adding() Function: No
5648 Environment: Normal or Hard Real-Time
5649 Ports: →"Samples per block for channel 0" input, control, 1 to 300,
default 1
5650 →"Trigger threshold for channel 0" input, control, 0 to ..., default 1,
logarithmic
5651 →"Release threshold for channel 0" input, control, 0 to ..., default 1,
logarithmic
5652 →"Release delay for channel 0" input, control, 0 to ..., default 1
5653 →"Click level for channel 0" input, control, 0 to ..., default 1,
logarithmic
5654 →"Click delay for channel 0" input, control, 0 to ..., default 1
5655 →"Click release for channel 0" input, control, 0 to ..., default 1
5656 →"Triggered input level for channel 0" input, control, 0 to ..., default
1, logarithmic
5657 →"Stand-by input level for channel 0" input, control, 0 to ..., default
```

```
0, logarithmic
5658 →"Input trigger release for channel 0" input, control, 0 to ..., default 1
5659 →"Synthesized base level for channel 0" input, control, 0 to ..., default
1, logarithmic
5660 →"Synthesizer gain 0 for channel 0" input, control, 0 to ..., default 1,
logarithmic
5661 →"Synthesizer gain 1 for channel 0" input, control, 0 to ..., default 1,
logarithmic
5662 →"Synthesizer gain 2 for channel 0" input, control, 0 to ..., default 1,
logarithmic
5663 →"Synthesizer frequency 0 for channel 0" input, control, 1e-005 to 16,
default 1, logarithmic
5664 →"Synthesizer frequency 1 for channel 0" input, control, 1e-005 to 16,
default 1, logarithmic
5665 →"Synthesizer frequency 2 for channel 0" input, control, 1e-005 to 16,
default 1, logarithmic
5666 →"Synthesizer frequency 3 for channel 0" input, control, 1e-005 to 16,
default 1, logarithmic
5667 →"Synthesizer time 0-1 for channel 0" input, control, 0 to ..., default 1
5668 →"Synthesizer time 1-2 for channel 0" input, control, 0 to ..., default 1
5669 →"Synthesizer time 2-3 for channel 0" input, control, 0 to ..., default 1
5670 →"Output gain level for channel 0" input, control, 0 to ..., default 1,
logarithmic
5671 →"Input gain for channel 0" output, control, 0 to ..., default 0,
logarithmic
5672 →"Input vs threshold for channel 0" output, control, 0 to 1, default 0,
logarithmic
5673 →"Input vs release for channel 0" output, control, 0 to 1, default 0,
logarithmic
5674 →"Trigger count for channel 0" output, control, 0 to 100, default 0,
logarithmic, integer
5675 →"Input 0" input, audio
5676 →"Output 0" output, audio
5677 →"Samples per block for channel 1" input, control, 1 to 300, default 1
5678 →"Trigger threshold for channel 1" input, control, 0 to ..., default 1,
logarithmic
5679 →"Release threshold for channel 1" input, control, 0 to ..., default 1,
logarithmic
5680 →"Release delay for channel 1" input, control, 0 to ..., default 1
5681 →"Click level for channel 1" input, control, 0 to ..., default 1,
logarithmic
5682 →"Click delay for channel 1" input, control, 0 to ..., default 1
5683 →"Click release for channel 1" input, control, 0 to ..., default 1
5684 →"Triggered input level for channel 1" input, control, 0 to ..., default
1, logarithmic
5685 →"Stand-by input level for channel 1" input, control, 0 to ..., default
0, logarithmic
5686 →"Input trigger release for channel 1" input, control, 0 to ..., default 1
5687 →"Synthesized base level for channel 1" input, control, 0 to ..., default
1, logarithmic
5688 →"Synthesizer gain 0 for channel 1" input, control, 0 to ..., default 1,
logarithmic
```

```

5689 →"Synthesizer gain 1 for channel 1" input, control, 0 to ..., default 1,
logarithmic
5690 →"Synthesizer gain 2 for channel 1" input, control, 0 to ..., default 1,
logarithmic
5691 →"Synthesizer frequency 0 for channel 1" input, control, 1e-005 to 16,
default 1, logarithmic
5692 →"Synthesizer frequency 1 for channel 1" input, control, 1e-005 to 16,
default 1, logarithmic
5693 →"Synthesizer frequency 2 for channel 1" input, control, 1e-005 to 16,
default 1, logarithmic
5694 →"Synthesizer frequency 3 for channel 1" input, control, 1e-005 to 16,
default 1, logarithmic
5695 →"Synthesizer time 0-1 for channel 1" input, control, 0 to ..., default 1
5696 →"Synthesizer time 1-2 for channel 1" input, control, 0 to ..., default 1
5697 →"Synthesizer time 2-3 for channel 1" input, control, 0 to ..., default 1
5698 →"Output gain level for channel 1" input, control, 0 to ..., default 1,
logarithmic
5699 →"Input gain for channel 1" output, control, 0 to ..., default 0,
logarithmic
5700 →"Input vs threshold for channel 1" output, control, 0 to 1, default 0,
logarithmic
5701 →"Input vs release for channel 1" output, control, 0 to 1, default 0,
logarithmic
5702 →"Trigger count for channel 1" output, control, 0 to 100, default 0,
logarithmic, integer
5703 →"Input 1" input, audio
5704 →"Output 1" output, audio
5705
5706 [:: ladspa-rubberband.dll ::]
5707
5708 Plugin Name: "Rubber Band Mono Pitch Shifter"
5709 Plugin Label: "rubberband-pitchshifter-mono"
5710 Plugin Unique ID: 2979
5711 Maker: "Breakfast Quay"
5712 Copyright: "GPL"
5713 Must Run Real-Time: No
5714 Has activate() Function: Yes
5715 Has deactivate() Function: Yes
5716 Has run_adding() Function: No
5717 Environment: Normal or Hard Real-Time
5718 Ports: →"latency" output, control
5719 →"Cents" input, control, -100 to 100, default 0
5720 →"Semitones" input, control, -12 to 12, default 0, integer
5721 →"Octaves" input, control, -3 to 3, default 0, integer
5722 →"Crispness" input, control, 0 to 3, default 3, integer
5723 →"Formant Preserving" input, control, 0 to 1, ERROR: TOGGLED
INCOMPATIBLE WITH OTHER HINT, default 0
5724 →"Faster" input, control, 0 to 1, ERROR: TOGGLED INCOMPATIBLE WITH OTHER
HINT, default 0
5725 →"Input" input, audio
5726 →"Output" output, audio
5727

```

```
5728 Plugin Name: "Rubber Band Stereo Pitch Shifter"
5729 Plugin Label: "rubberband-pitchshifter-stereo"
5730 Plugin Unique ID: 9792
5731 Maker: "Breakfast Quay"
5732 Copyright: "GPL"
5733 Must Run Real-Time: No
5734 Has activate() Function: Yes
5735 Has deactivate() Function: Yes
5736 Has run_adding() Function: No
5737 Environment: Normal or Hard Real-Time
5738 Ports: → "latency" output, control
5739 → "Cents" input, control, -100 to 100, default 0
5740 → "Semitones" input, control, -12 to 12, default 0, integer
5741 → "Octaves" input, control, -3 to 3, default 0, integer
5742 → "Crispness" input, control, 0 to 3, default 3, integer
5743 → "Formant Preserving" input, control, 0 to 1, ERROR: TOGGLED
INCOMPATIBLE WITH OTHER HINT, default 0
5744 → "Faster" input, control, 0 to 1, ERROR: TOGGLED INCOMPATIBLE WITH OTHER
HINT, default 0
5745 → "Input L" input, audio
5746 → "Output L" output, audio
5747 → "Input R" input, audio
5748 → "Output R" output, audio
5749
5750 [:: latency_1914.dll ::]
5751
5752 Plugin Name: "Artificial latency"
5753 Plugin Label: "artificialLatency"
5754 Plugin Unique ID: 1914
5755 Maker: "Steve Harris <steve@plugin.org.uk>"
5756 Copyright: "GPL"
5757 Must Run Real-Time: No
5758 Has activate() Function: No
5759 Has deactivate() Function: No
5760 Has run_adding() Function: Yes
5761 Environment: Normal or Hard Real-Time
5762 Ports: → "Delay (ms)" input, control, 0 to 10000, default 2500
5763 → "Input" input, audio
5764 → "Output" output, audio
5765 → "latency" output, control
5766
5767 [:: lcr_delay_1436.dll ::]
5768
5769 Plugin Name: "L/C/R Delay"
5770 Plugin Label: "lcrDelay"
5771 Plugin Unique ID: 1436
5772 Maker: "Steve Harris <steve@plugin.org.uk>"
5773 Copyright: "GPL"
5774 Must Run Real-Time: No
5775 Has activate() Function: Yes
5776 Has deactivate() Function: No
5777 Has run_adding() Function: Yes
```

```
5778 Environment: Normal or Hard Real-Time
5779 Ports:→"L delay (ms)" input, control, 0 to 2700, default 675
5780 →"L level" input, control, 0 to 50, default 25
5781 →"C delay (ms)" input, control, 0 to 2700, default 675
5782 →"C level" input, control, 0 to 50, default 25
5783 →"R delay (ms)" input, control, 0 to 2700, default 675
5784 →"R level" input, control, 0 to 50, default 25
5785 →"Feedback" input, control, -100 to 100, default 0
5786 →"High damp (%)" input, control, 0 to 100, default 50
5787 →"Low damp (%)" input, control, 0 to 100, default 50
5788 →"Spread" input, control, 0 to 50, default 25
5789 →"Dry/Wet level" input, control, 0 to 1, default 0
5790 →"L input" input, audio
5791 →"R input" input, audio
5792 →"L output" output, audio
5793 →"R output" output, audio
5794
5795 [:: LEET_chorus.dll ::]
5796
5797 Plugin Name: "LEET Chorus1_2x2 - 2x2 by Dan Lyons - Based on MCP Chorus
by F. Adriaensen"
5798 Plugin Label: "Chorus1_2x2"
5799 Plugin Unique ID: 313371
5800 Maker: "Dan Lyons <socal_dan2000@yahoo.com>"
5801 Copyright: "(C) 2008 Dan Lyons - License: GPL2"
5802 Must Run Real-Time: Yes
5803 Has activate() Function: Yes
5804 Has deactivate() Function: Yes
5805 Has run_adding() Function: Yes
5806 Environment: Normal or Hard Real-Time
5807 Ports:→"Input L" input, audio
5808 →"Input R" input, audio
5809 →"Output L" output, audio
5810 →"Output R" output, audio
5811 →"Delay (ms)" input, control, 0 to 30, default 0
5812 →"Mod Frequency 1 (Hz)" input, control, 0.003 to 10, logarithmic
5813 →"Mod Amplitude 1 (ms)" input, control, 0 to 10, default 0
5814 →"Mod Frequency 2 (Hz)" input, control, 0.01 to 30, logarithmic
5815 →"Mod Amplitude 2 (ms)" input, control, 0 to 3, default 0
5816
5817 [:: LEET_eqbw2x2.dll ::]
5818
5819 Plugin Name: "LEET Equalizer/BW 2x2 8 Band"
5820 Plugin Label: "leet_equalizer_bw2x2"
5821 Plugin Unique ID: 313373
5822 Maker: "Dan Lyons modded from TAP"
5823 Copyright: "GPL"
5824 Must Run Real-Time: No
5825 Has activate() Function: Yes
5826 Has deactivate() Function: No
5827 Has run_adding() Function: Yes
5828 Environment: Normal
```

```
5829 Ports:→"Band 1 Gain [dB]" input, control, -50 to 20, default 0
5830 →"Band 2 Gain [dB]" input, control, -50 to 20, default 0
5831 →"Band 3 Gain [dB]" input, control, -50 to 20, default 0
5832 →"Band 4 Gain [dB]" input, control, -50 to 20, default 0
5833 →"Band 5 Gain [dB]" input, control, -50 to 20, default 0
5834 →"Band 6 Gain [dB]" input, control, -50 to 20, default 0
5835 →"Band 7 Gain [dB]" input, control, -50 to 20, default 0
5836 →"Band 8 Gain [dB]" input, control, -50 to 20, default 0
5837 →"Band 1 Freq [Hz]" input, control, 40 to 280, default 100
5838 →"Band 2 Freq [Hz]" input, control, 100 to 500, default 200
5839 →"Band 3 Freq [Hz]" input, control, 200 to 1000, default 400
5840 →"Band 4 Freq [Hz]" input, control, 400 to 2800, default 1000
5841 →"Band 5 Freq [Hz]" input, control, 1000 to 5000, default 3000
5842 →"Band 6 Freq [Hz]" input, control, 3000 to 9000, default 6000
5843 →"Band 7 Freq [Hz]" input, control, 6000 to 18000, default 12000
5844 →"Band 8 Freq [Hz]" input, control, 10000 to 20000, default 15000
5845 →"Band 1 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
5846 →"Band 2 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
5847 →"Band 3 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
5848 →"Band 4 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
5849 →"Band 5 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
5850 →"Band 6 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
5851 →"Band 7 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
5852 →"Band 8 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
5853 →"Input L" input, audio
5854 →"Output L" output, audio
5855 →"Input R" input, audio
5856 →"Output R" output, audio
5857
5858 [:: LEET_eqbw2x2_1.dll ::]
5859
5860 Plugin Name: "LEET Equalizer/BW 2x2 1 band"
5861 Plugin Label: "leet_equalizer_bw2x2_1"
5862 Plugin Unique ID: 313372
5863 Maker: "Dan Lyons modded from TAP"
5864 Copyright: "GPL"
5865 Must Run Real-Time: No
5866 Has activate() Function: Yes
5867 Has deactivate() Function: No
5868 Has run_adding() Function: Yes
5869 Environment: Normal
5870 Ports:→"Band 1 Gain [dB]" input, control, -50 to 20, default 0
5871 →"Band 1 Freq [Hz]" input, control, 20 to 22000, default 5515
5872 →"Band 1 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
5873 →"Input L" input, audio
5874 →"Output L" output, audio
5875 →"Input R" input, audio
5876 →"Output R" output, audio
5877
5878 [:: lemux.dll ::]
5879
5880 Plugin Name: "CV to Frequency convertor"
```

```
5881 Plugin Label: "CVFreq"
5882 Plugin Unique ID: 2061
5883 Maker: "Joost Yervante Damad"
5884 Copyright: "GPLv2"
5885 Must Run Real-Time: No
5886 Has activate() Function: Yes
5887 Has deactivate() Function: No
5888 Has run_adding() Function: No
5889 Environment: Normal
5890 Ports: → "Freq (CV)" input, audio, 0 to 10, default 0
5891 → "Freq (Hz)" output, audio, 0 to 0.5*srate, default 440, logarithmic
5892
5893 Plugin Name: "SCC channel"
5894 Plugin Label: "SCC"
5895 Plugin Unique ID: 2062
5896 Maker: "Joost Yervante Damad"
5897 Copyright: "GPLv2"
5898 Must Run Real-Time: No
5899 Has activate() Function: Yes
5900 Has deactivate() Function: No
5901 Has run_adding() Function: No
5902 Environment: Normal
5903 Ports: → "Freq (Hz)" input, audio, 0 to 0.5*srate, default 440, logarithmic
5904 → "Amplitude" input, control, 0 to ..., default 1, logarithmic
5905 → "Preset" input, control, 0 to 341, default 0, integer
5906 → "Output" output, audio
5907
5908 Plugin Name: "PSG channel"
5909 Plugin Label: "PSG"
5910 Plugin Unique ID: 2063
5911 Maker: "Joost Yervante Damad"
5912 Copyright: "GPLv2"
5913 Must Run Real-Time: No
5914 Has activate() Function: Yes
5915 Has deactivate() Function: No
5916 Has run_adding() Function: No
5917 Environment: Normal
5918 Ports: → "Freq (Hz)" input, audio, 0 to 0.5*srate, default 440, logarithmic
5919 → "Amplitude" input, control, 0 to 15, default 0
5920 → "Noise Control" input, control, 0 to 1, default 0
5921 → "Audio On" input, control, toggled, default 1
5922 → "Noise On" input, control, toggled, default 0
5923 → "AM On" input, control, toggled, default 0
5924 → "AM Freq (Hz)" input, control, 0.213361 to 13982.6, default 1,
logarithmic
5925 → "AM Env CONT" input, control, toggled, default 0
5926 → "AM Env ATT" input, control, toggled, default 0
5927 → "AM Env ALT" input, control, toggled, default 0
5928 → "AM Env HOLD" input, control, toggled, default 0
5929 → "Output" output, audio
5930 → "Gate" input, audio, 0 to 1, default 0
5931
```

```
5932 Plugin Name: "MUSIC channel"
5933 Plugin Label: "MUSIC"
5934 Plugin Unique ID: 2064
5935 Maker: "Joost Yervante Damad"
5936 Copyright: "GPLv2"
5937 Must Run Real-Time: No
5938 Has activate() Function: Yes
5939 Has deactivate() Function: No
5940 Has run_adding() Function: No
5941 Environment: Normal
5942 Ports: → "Freq (Hz)" input, audio, 0 to 0.5*srates, default 440, logarithmic
5943 → "Amplitude" input, control, 0 to 15, default 0, integer
5944 → "Preset" input, control, 0 to 15, default 0, integer
5945 → "Sustain" input, control, toggled, default 0
5946 → "Carrier AM" input, control, toggled, default 0
5947 → "Carrier Vibrato" input, control, toggled, default 0
5948 → "Carrier Percussive" input, control, toggled, default 0
5949 → "Carrier Rate Key Scale" input, control, toggled, default 0
5950 → "Carrier Wave Multiply" input, control, 0 to 15, default 0, integer
5951 → "Carrier Key Scale Level" input, control, 0 to 3, default 0, integer
5952 → "Carrier Distortion Waveform" input, control, toggled, default 0
5953 → "Carrier Env A" input, control, 0 to 15, default 0, integer
5954 → "Carrier Env D" input, control, 0 to 15, default 0, integer
5955 → "Carrier Env S" input, control, 0 to 15, default 0, integer
5956 → "Carrier Env R" input, control, 0 to 15, default 0, integer
5957 → "Modulator AM" input, control, toggled, default 0
5958 → "Modulator Vibrato" input, control, toggled, default 0
5959 → "Modulator Percussive" input, control, toggled, default 0
5960 → "Modulator Rate Key Scale" input, control, toggled, default 0
5961 → "Modulator Wave Multiply" input, control, 0 to 15, default 0, integer
5962 → "Modulator Key Scale Level" input, control, 0 to 3, default 0, integer
5963 → "Modulator Total Level" input, control, 0 to 63, default 0, integer
5964 → "Modulator Distortion Waveform" input, control, toggled, default 0
5965 → "Modulator FM feedback" input, control, 0 to 7, default 0, integer
5966 → "Modulator Env A" input, control, 0 to 15, default 0, integer
5967 → "Modulator Env D" input, control, 0 to 15, default 0, integer
5968 → "Modulator Env S" input, control, 0 to 15, default 0, integer
5969 → "Modulator Env R" input, control, 0 to 15, default 0, integer
5970 → "Output" output, audio
5971 → "Gate" input, audio, 0 to 1, default 0
5972
5973 Plugin Name: "MUSIC Drum instruments"
5974 Plugin Label: "MUSICDrum"
5975 Plugin Unique ID: 2065
5976 Maker: "Joost Yervante Damad"
5977 Copyright: "GPLv2"
5978 Must Run Real-Time: No
5979 Has activate() Function: Yes
5980 Has deactivate() Function: No
5981 Has run_adding() Function: No
5982 Environment: Normal
5983 Ports: → "Freq (Hz) BD" input, control, 0 to 0.5*srates, default 440,
```

```
logarithmic
5984 →"Freq (Hz) SD,T-CY,HH" input, control, 0 to 0.5*srte, default 440,
logarithmic
5985 →"Freq (Hz) TOM,T-CY,HH" input, control, 0 to 0.5*srte, default 440,
logarithmic
5986 →"Amplitude BD" input, control, 0 to 15, default 0
5987 →"Amplitude SD,T-CY,HH" input, control, 0 to 15, default 0
5988 →"Amplitude TOM,T-CY,HH" input, control, 0 to 15, default 0
5989 →"Output" output, audio
5990 →"Gate Bass Drum" input, audio, 0 to 1, default 0
5991 →"Gate Snare Drum" input, audio, 0 to 1, default 0
5992 →"Gate Tom-Tom" input, audio, 0 to 1, default 0
5993 →"Gate Top Cymbal" input, audio, 0 to 1, default 0
5994 →"Gate High-Hat" input, audio, 0 to 1, default 0
5995
5996 Plugin Name: "SID chip"
5997 Plugin Label: "SID"
5998 Plugin Unique ID: 2066
5999 Maker: "Joost Yervante Damad"
6000 Copyright: "GPLv2"
6001 Must Run Real-Time: No
6002 Has activate() Function: Yes
6003 Has deactivate() Function: No
6004 Has run_adding() Function: No
6005 Environment: Normal
6006 Ports: →"Amplitude" input, control, 0 to 15, default 0
6007 →"Freq (Hz) 1" input, audio, 0 to 0.5*srte, default 440, logarithmic
6008 →"Freq (Hz) 2" input, audio, 0 to 0.5*srte, default 440, logarithmic
6009 →"Freq (Hz) 3" input, audio, 0 to 0.5*srte, default 440, logarithmic
6010 →"MOS8580" input, control, toggled, default 0
6011 →"Filter On" input, control, toggled, default 1
6012 →"Filter External On" input, control, toggled, default 0
6013 →"Filter LP" input, control, toggled, default 0
6014 →"Filter BP" input, control, toggled, default 0
6015 →"Filter HP" input, control, toggled, default 0
6016 →"Filter Cutoff Freq" input, control, 0 to 2047, default 0
6017 →"Filter Resonance" input, control, 0 to 15, default 0
6018 →"3 Off" input, control, toggled, default 0
6019 →"Noise 1" input, control, toggled, default 0
6020 →"Pulse 1" input, control, toggled, default 0
6021 →"Pulse Width 1" input, control, 0 to 4095, default 0
6022 →"Saw 1" input, control, toggled, default 0
6023 →"Tri 1" input, control, toggled, default 0
6024 →"Ringmod 1" input, control, toggled, default 0
6025 →"Sync 1" input, control, toggled, default 0
6026 →"Filter On 1" input, control, toggled, default 0
6027 →"ENV A 1" input, control, 0 to 15, default 0
6028 →"ENV D 1" input, control, 0 to 15, default 0
6029 →"ENV S 1" input, control, 0 to 15, default 0
6030 →"ENV R 1" input, control, 0 to 15, default 0
6031 →"Noise 2" input, control, toggled, default 0
6032 →"Pulse 2" input, control, toggled, default 0
```

```

6033 →"Pulse Width 2" input, control, 0 to 4095, default 0
6034 →"Saw 2" input, control, toggled, default 0
6035 →"Tri 2" input, control, toggled, default 0
6036 →"Ringmod 2" input, control, toggled, default 0
6037 →"Sync 2" input, control, toggled, default 0
6038 →"Filter On 2" input, control, toggled, default 0
6039 →"ENV A 2" input, control, 0 to 15, default 0
6040 →"ENV D 2" input, control, 0 to 15, default 0
6041 →"ENV S 2" input, control, 0 to 15, default 0
6042 →"ENV R 2" input, control, 0 to 15, default 0
6043 →"Noise 3" input, control, toggled, default 0
6044 →"Pulse 3" input, control, toggled, default 0
6045 →"Pulse Width 3" input, control, 0 to 4095, default 0
6046 →"Saw 3" input, control, toggled, default 0
6047 →"Tri 3" input, control, toggled, default 0
6048 →"Ringmod 3" input, control, toggled, default 0
6049 →"Sync 3" input, control, toggled, default 0
6050 →"Filter On 3" input, control, toggled, default 0
6051 →"ENV A 3" input, control, 0 to 15, default 0
6052 →"ENV D 3" input, control, 0 to 15, default 0
6053 →"ENV S 3" input, control, 0 to 15, default 0
6054 →"ENV R 3" input, control, 0 to 15, default 0
6055 →"Output" output, audio
6056 →"Gate 1" input, audio, 0 to 1, default 0
6057 →"Gate 2" input, audio, 0 to 1, default 0
6058 →"Gate 3" input, audio, 0 to 1, default 0
6059

```

```

6060 [:: lfboost.dll ::]

```

```

6061
6062 Plugin Name: "lfboost"
6063 Plugin Label: "lfboost"
6064 Plugin Unique ID: 437
6065 Maker: "undefined"
6066 Copyright: "undefined"
6067 Must Run Real-Time: No
6068 Has activate() Function: Yes
6069 Has deactivate() Function: Yes
6070 Has run_adding() Function: No
6071 Environment: Normal or Hard Real-Time
6072 Ports: →"input00" input, audio
6073 →"output00" output, audio
6074 →"freq" input, control, 20 to 150
6075 →"gain" input, control, -20 to 20
6076

```

```

6077 [:: lgv.dll ::]

```

```

6078
6079 Plugin Name: "Mono Mixer"
6080 Plugin Label: "monomix"
6081 Plugin Unique ID: 4141
6082 Maker: "Luis Garrido"
6083 Copyright: "GPL"
6084 Must Run Real-Time: No

```

```

6085 Has activate() Function: No
6086 Has deactivate() Function: No
6087 Has run_adding() Function: No
6088 Environment: Normal or Hard Real-Time
6089 Ports:→"Mode" input, control, 0 to 4, default 0, integer
6090 →"Amount L" input, control, -0.5 to 0.5, default 0.5
6091 →"Amount R" input, control, -0.5 to 0.5, default 0.5
6092 →"Input L" input, audio
6093 →"Input R" input, audio
6094 →"Output L" output, audio
6095 →"Output R" output, audio
6096

```

```

6097 [:: liteon_biquad-ladspa-nogui.dll ::]

```

```

6098
6099 Plugin Name: "biquad_rbj"
6100 Plugin Label: "biquad_rbj"
6101 Plugin Unique ID: 1096314880
6102 Maker: "liteon"
6103 Copyright: "Copyright (c) liteon"
6104 Must Run Real-Time: Yes
6105 Has activate() Function: Yes
6106 Has deactivate() Function: Yes
6107 Has run_adding() Function: No
6108 Environment: Normal or Hard Real-Time
6109 Ports:→"input 0" input, audio
6110 →"input 1" input, audio
6111 →"output 0" output, audio
6112 →"output 1" output, audio
6113 →"mode" input, control, 0 to 1, default 0.5
6114 →"filter" input, control, 0 to 1, default 0.5
6115 →"freq" input, control, 0 to 1, default 0.5
6116 →"BW" input, control, 0 to 1, default 0.5
6117 →"gain" input, control, 0 to 1, default 0.5
6118

```

```

6119 [:: lowboost.dll ::]

```

```

6120
6121 Plugin Name: "lowboost"
6122 Plugin Label: "lowboost"
6123 Plugin Unique ID: 245
6124 Maker: "undefined"
6125 Copyright: "undefined"
6126 Must Run Real-Time: No
6127 Has activate() Function: Yes
6128 Has deactivate() Function: Yes
6129 Has run_adding() Function: No
6130 Environment: Normal or Hard Real-Time
6131 Ports:→"input00" input, audio
6132 →"output00" output, audio
6133 →"freqshelvingboost-freq" input, control, 20 to 20000
6134 →"freqshelvingboost-gain" input, control, -20 to 20
6135

```

```

6136 [:: lowcut.dll ::]

```

```
6137
6138 Plugin Name: "lowcut"
6139 Plugin Label: "lowcut"
6140 Plugin Unique ID: 565
6141 Maker: "undefined"
6142 Copyright: "undefined"
6143 Must Run Real-Time: No
6144 Has activate() Function: Yes
6145 Has deactivate() Function: Yes
6146 Has run_adding() Function: No
6147 Environment: Normal or Hard Real-Time
6148 Ports: → "input00" input, audio
6149 → "output00" output, audio
6150 → "freqshelvingcut-attenuation" input, control, -96 to 10
6151 → "freqshelvingcut-freq" input, control, 20 to 5000
6152
6153 [:: lowpass_iir_1891.dll ::]
6154
6155 Plugin Name: "Glame Lowpass Filter"
6156 Plugin Label: "lowpass_iir"
6157 Plugin Unique ID: 1891
6158 Maker: "Alexander Ehlert <mag@glame.de>"
6159 Copyright: "GPL"
6160 Must Run Real-Time: No
6161 Has activate() Function: Yes
6162 Has deactivate() Function: No
6163 Has run_adding() Function: Yes
6164 Environment: Normal or Hard Real-Time
6165 Ports: → "Cutoff Frequency" input, control, 0.0001*srates to 0.45*srates,
        default 0.0549426*srates, logarithmic
6166 → "Stages(2 poles per stage)" input, control, 1 to 10, default 1, integer
6167 → "Input" input, audio
6168 → "Output" output, audio
6169
6170 [:: lowShelf.dll ::]
6171
6172 Plugin Name: "lowShelf"
6173 Plugin Label: "lowShelf"
6174 Plugin Unique ID: 639
6175 Maker: "undefined"
6176 Copyright: "undefined"
6177 Must Run Real-Time: No
6178 Has activate() Function: Yes
6179 Has deactivate() Function: Yes
6180 Has run_adding() Function: No
6181 Environment: Normal or Hard Real-Time
6182 Ports: → "input00" input, audio
6183 → "output00" output, audio
6184 → "freq" input, control, 100 to 10000
6185 → "gain" input, control, -10 to 10
6186 → "q" input, control, 0.01 to 100
6187
```

```

6188 [:: lp4pole_1671.dll ::]
6189
6190 Plugin Name: "4 Pole Low-Pass Filter with Resonance (FARAIA)"
6191 Plugin Label: "lp4pole_faraia_oa"
6192 Plugin Unique ID: 1671
6193 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
6194 Copyright: "GPL"
6195 Must Run Real-Time: No
6196 Has activate() Function: Yes
6197 Has deactivate() Function: No
6198 Has run_adding() Function: No
6199 Environment: Normal or Hard Real-Time
6200 Ports: → "Cutoff Frequency" input, audio, 2.08333e-005*srate to 0.5*srate,
        default 0.5*srate, logarithmic
6201 → "Resonance" input, audio, 0 to 4, default 0
6202 → "Input" input, audio
6203 → "Output" output, audio
6204
6205 Plugin Name: "4 Pole Low-Pass Filter with Resonance (FCRCIA)"
6206 Plugin Label: "lp4pole_fcrcia_oa"
6207 Plugin Unique ID: 1672
6208 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
6209 Copyright: "GPL"
6210 Must Run Real-Time: No
6211 Has activate() Function: Yes
6212 Has deactivate() Function: No
6213 Has run_adding() Function: No
6214 Environment: Normal or Hard Real-Time
6215 Ports: → "Cutoff Frequency" input, control, 2.08333e-005*srate to
        0.5*srate, default 0.5*srate, logarithmic
6216 → "Resonance" input, control, 0 to 4, default 0
6217 → "Input" input, audio
6218 → "Output" output, audio
6219
6220 [:: LPF.dll ::]
6221
6222 Plugin Name: "LPF"
6223 Plugin Label: "LPF"
6224 Plugin Unique ID: 263
6225 Maker: "undefined"
6226 Copyright: "undefined"
6227 Must Run Real-Time: No
6228 Has activate() Function: Yes
6229 Has deactivate() Function: Yes
6230 Has run_adding() Function: No
6231 Environment: Normal or Hard Real-Time
6232 Ports: → "input00" input, audio
6233 → "output00" output, audio
6234 → "freq" input, control, 100 to 10000
6235 → "q" input, control, 0.01 to 100
6236
6237 [:: ls_filter_1908.dll ::]

```

```
6238
6239 Plugin Name: "LS Filter"
6240 Plugin Label: "lsFilter"
6241 Plugin Unique ID: 1908
6242 Maker: "Steve Harris <steve@plugin.org.uk>"
6243 Copyright: "GPL"
6244 Must Run Real-Time: No
6245 Has activate() Function: Yes
6246 Has deactivate() Function: No
6247 Has run_adding() Function: Yes
6248 Environment: Normal or Hard Real-Time
6249 Ports: → "Filter type (0=LP, 1=BP, 2=HP)" input, control, 0 to 2, default
6250 0, integer
        → "Cutoff frequency (Hz)" input, control, 0.002*srate to 0.5*srate,
        default 0.0316228*srate, logarithmic
6251 → "Resonance" input, control, 0 to 1, default 0
6252 → "Input" input, audio
6253 → "Output" output, audio
6254
6255 [:: masher_4310.dll ::]
6256
6257 Plugin Name: "Masher"
6258 Plugin Label: "ssm_masher"
6259 Plugin Unique ID: 4310
6260 Maker: "Dave Griffiths"
6261 Copyright: "GPL"
6262 Must Run Real-Time: No
6263 Has activate() Function: Yes
6264 Has deactivate() Function: No
6265 Has run_adding() Function: No
6266 Environment: Normal or Hard Real-Time
6267 Ports: → "Input" input, audio
6268 → "Grain Pitch" input, control, 1 to 10, default 1
6269 → "Density" input, control, 0 to 800, default 400
6270 → "Output" output, audio
6271
6272 [:: matrix.dll ::]
6273
6274 Plugin Name: "matrix"
6275 Plugin Label: "matrix"
6276 Plugin Unique ID: 121
6277 Maker: "undefined"
6278 Copyright: "undefined"
6279 Must Run Real-Time: No
6280 Has activate() Function: Yes
6281 Has deactivate() Function: Yes
6282 Has run_adding() Function: No
6283 Environment: Normal or Hard Real-Time
6284 Ports: → "input00" input, audio
6285 → "input01" input, audio
6286 → "input02" input, audio
6287 → "input03" input, audio
```

```
6288 →"input04" input, audio
6289 →"input05" input, audio
6290 →"input06" input, audio
6291 →"input07" input, audio
6292 →"output00" output, audio
6293 →"output01" output, audio
6294 →"output02" output, audio
6295 →"output03" output, audio
6296 →"output04" output, audio
6297 →"output05" output, audio
6298 →"output06" output, audio
6299 →"output07" output, audio
6300 →"output0-input0" input, control, -96 to 4
6301 →"output0-input1" input, control, -96 to 4
6302 →"output0-input2" input, control, -96 to 4
6303 →"output0-input3" input, control, -96 to 4
6304 →"output0-input4" input, control, -96 to 4
6305 →"output0-input5" input, control, -96 to 4
6306 →"output0-input6" input, control, -96 to 4
6307 →"output0-input7" input, control, -96 to 4
6308 →"output1-input0" input, control, -96 to 4
6309 →"output1-input1" input, control, -96 to 4
6310 →"output1-input2" input, control, -96 to 4
6311 →"output1-input3" input, control, -96 to 4
6312 →"output1-input4" input, control, -96 to 4
6313 →"output1-input5" input, control, -96 to 4
6314 →"output1-input6" input, control, -96 to 4
6315 →"output1-input7" input, control, -96 to 4
6316 →"output2-input0" input, control, -96 to 4
6317 →"output2-input1" input, control, -96 to 4
6318 →"output2-input2" input, control, -96 to 4
6319 →"output2-input3" input, control, -96 to 4
6320 →"output2-input4" input, control, -96 to 4
6321 →"output2-input5" input, control, -96 to 4
6322 →"output2-input6" input, control, -96 to 4
6323 →"output2-input7" input, control, -96 to 4
6324 →"output3-input0" input, control, -96 to 4
6325 →"output3-input1" input, control, -96 to 4
6326 →"output3-input2" input, control, -96 to 4
6327 →"output3-input3" input, control, -96 to 4
6328 →"output3-input4" input, control, -96 to 4
6329 →"output3-input5" input, control, -96 to 4
6330 →"output3-input6" input, control, -96 to 4
6331 →"output3-input7" input, control, -96 to 4
6332 →"output4-input0" input, control, -96 to 4
6333 →"output4-input1" input, control, -96 to 4
6334 →"output4-input2" input, control, -96 to 4
6335 →"output4-input3" input, control, -96 to 4
6336 →"output4-input4" input, control, -96 to 4
6337 →"output4-input5" input, control, -96 to 4
6338 →"output4-input6" input, control, -96 to 4
6339 →"output4-input7" input, control, -96 to 4
```

```
6340  →"output5-input0" input, control, -96 to 4
6341  →"output5-input1" input, control, -96 to 4
6342  →"output5-input2" input, control, -96 to 4
6343  →"output5-input3" input, control, -96 to 4
6344  →"output5-input4" input, control, -96 to 4
6345  →"output5-input5" input, control, -96 to 4
6346  →"output5-input6" input, control, -96 to 4
6347  →"output5-input7" input, control, -96 to 4
6348  →"output6-input0" input, control, -96 to 4
6349  →"output6-input1" input, control, -96 to 4
6350  →"output6-input2" input, control, -96 to 4
6351  →"output6-input3" input, control, -96 to 4
6352  →"output6-input4" input, control, -96 to 4
6353  →"output6-input5" input, control, -96 to 4
6354  →"output6-input6" input, control, -96 to 4
6355  →"output6-input7" input, control, -96 to 4
6356  →"output7-input0" input, control, -96 to 4
6357  →"output7-input1" input, control, -96 to 4
6358  →"output7-input2" input, control, -96 to 4
6359  →"output7-input3" input, control, -96 to 4
6360  →"output7-input4" input, control, -96 to 4
6361  →"output7-input5" input, control, -96 to 4
6362  →"output7-input6" input, control, -96 to 4
6363  →"output7-input7" input, control, -96 to 4
```

6364

6365 [:: matrix_ms_st_1421.dll ::]

6366

```
6367 Plugin Name: "Matrix: MS to Stereo"
6368 Plugin Label: "matrixMSSt"
6369 Plugin Unique ID: 1421
6370 Maker: "Steve Harris <steve@plugin.org.uk>"
6371 Copyright: "GPL"
6372 Must Run Real-Time: No
6373 Has activate() Function: No
6374 Has deactivate() Function: No
6375 Has run_adding() Function: Yes
6376 Environment: Normal or Hard Real-Time
6377 Ports: →"Width" input, control, 0 to 2, default 1
6378 →"Mid" input, audio
6379 →"Side" input, audio
6380 →"Left" output, audio
6381 →"Right" output, audio
```

6382

6383 [:: matrix_spatialiser_1422.dll ::]

6384

```
6385 Plugin Name: "Matrix Spatialiser"
6386 Plugin Label: "matrixSpatialiser"
6387 Plugin Unique ID: 1422
6388 Maker: "Joern Nettingsmeier <nettings@folkwang-hochschule.de>"
6389 Copyright: "GPL"
6390 Must Run Real-Time: No
6391 Has activate() Function: Yes
```

```
6392 Has deactivate() Function: No
6393 Has run_adding() Function: Yes
6394 Environment: Normal or Hard Real-Time
6395 Ports:→"Input L" input, audio
6396 →"Input R" input, audio
6397 →"Width" input, control, -512 to 512, default 0, integer
6398 →"Output L" output, audio
6399 →"Output R" output, audio
6400
6401 [:: matrix_st_ms_1420.dll ::]
6402
6403 Plugin Name: "Matrix: Stereo to MS"
6404 Plugin Label: "matrixStMS"
6405 Plugin Unique ID: 1420
6406 Maker: "Steve Harris <steve@plugin.org.uk>"
6407 Copyright: "GPL"
6408 Must Run Real-Time: No
6409 Has activate() Function: No
6410 Has deactivate() Function: No
6411 Has run_adding() Function: Yes
6412 Environment: Normal or Hard Real-Time
6413 Ports:→"Left" input, audio
6414 →"Right" input, audio
6415 →"Mid" output, audio
6416 →"Side" output, audio
6417
6418 [:: mbeq_1197.dll ::]
6419
6420 Plugin Name: "Multiband EQ"
6421 Plugin Label: "mbeq"
6422 Plugin Unique ID: 1197
6423 Maker: "Steve Harris <steve@plugin.org.uk>"
6424 Copyright: "GPL"
6425 Must Run Real-Time: No
6426 Has activate() Function: Yes
6427 Has deactivate() Function: No
6428 Has run_adding() Function: Yes
6429 Environment: Normal or Hard Real-Time
6430 Ports:→"50Hz gain (low shelving)" input, control, -70 to 30, default 0
6431 →"100Hz gain" input, control, -70 to 30, default 0
6432 →"156Hz gain" input, control, -70 to 30, default 0
6433 →"220Hz gain" input, control, -70 to 30, default 0
6434 →"311Hz gain" input, control, -70 to 30, default 0
6435 →"440Hz gain" input, control, -70 to 30, default 0
6436 →"622Hz gain" input, control, -70 to 30, default 0
6437 →"880Hz gain" input, control, -70 to 30, default 0
6438 →"1250Hz gain" input, control, -70 to 30, default 0
6439 →"1750Hz gain" input, control, -70 to 30, default 0
6440 →"2500Hz gain" input, control, -70 to 30, default 0
6441 →"3500Hz gain" input, control, -70 to 30, default 0
6442 →"5000Hz gain" input, control, -70 to 30, default 0
6443 →"10000Hz gain" input, control, -70 to 30, default 0
```

```
6444 →"20000Hz gain" input, control, -70 to 30, default 0
6445 →"Input" input, audio
6446 →"Output" output, audio
6447 →"latency" output, control
```

6448 [:: midi_transpose-ladspa-nogui.dll ::]

```
6450
6451 Plugin Name: "midi_transpose"
6452 Plugin Label: "midi_transpose"
6453 Plugin Unique ID: 1096290306
6454 Maker: "ccernn"
6455 Copyright: "Copyright (c) ccernn"
6456 Must Run Real-Time: Yes
6457 Has activate() Function: Yes
6458 Has deactivate() Function: Yes
6459 Has run_adding() Function: No
6460 Environment: Normal or Hard Real-Time
6461 Ports: →"input 0" input, audio
6462 →"input 1" input, audio
6463 →"output 0" output, audio
6464 →"output 1" output, audio
6465 →"transpose" input, control, 0 to 1, default 0.5
```

6466 [:: mixer.dll ::]

```
6468
6469 Plugin Name: "mixer"
6470 Plugin Label: "mixer"
6471 Plugin Unique ID: 35
6472 Maker: "undefined"
6473 Copyright: "undefined"
6474 Must Run Real-Time: No
6475 Has activate() Function: Yes
6476 Has deactivate() Function: Yes
6477 Has run_adding() Function: No
6478 Environment: Normal or Hard Real-Time
6479 Ports: →"input00" input, audio
6480 →"input01" input, audio
6481 →"input02" input, audio
6482 →"input03" input, audio
6483 →"input04" input, audio
6484 →"input05" input, audio
6485 →"input06" input, audio
6486 →"input07" input, audio
6487 →"output00" output, audio
6488 →"output01" output, audio
6489 →"ch0-pan" input, control, -90 to 90
6490 →"ch0-" input, control, -70 to 4
6491 →"ch0-" output, control, -70 to 5
6492 →"ch0-mute" input, control, toggled
6493 →"ch1-pan" input, control, -90 to 90
6494 →"ch1-" input, control, -70 to 4
6495 →"ch1-" output, control, -70 to 5
```

```

6496 →"ch1-mute" input, control, toggled
6497 →"ch2-pan" input, control, -90 to 90
6498 →"ch2-" input, control, -70 to 4
6499 →"ch2-" output, control, -70 to 5
6500 →"ch2-mute" input, control, toggled
6501 →"ch3-pan" input, control, -90 to 90
6502 →"ch3-" input, control, -70 to 4
6503 →"ch3-" output, control, -70 to 5
6504 →"ch3-mute" input, control, toggled
6505 →"ch4-pan" input, control, -90 to 90
6506 →"ch4-" input, control, -70 to 4
6507 →"ch4-" output, control, -70 to 5
6508 →"ch4-mute" input, control, toggled
6509 →"ch5-pan" input, control, -90 to 90
6510 →"ch5-" input, control, -70 to 4
6511 →"ch5-" output, control, -70 to 5
6512 →"ch5-mute" input, control, toggled
6513 →"ch6-pan" input, control, -90 to 90
6514 →"ch6-" input, control, -70 to 4
6515 →"ch6-" output, control, -70 to 5
6516 →"ch6-mute" input, control, toggled
6517 →"ch7-pan" input, control, -90 to 90
6518 →"ch7-" input, control, -70 to 4
6519 →"ch7-" output, control, -70 to 5
6520 →"ch7-mute" input, control, toggled
6521 →"stereoout-l-" output, control, -70 to 5
6522 →"stereoout-r-" output, control, -70 to 5
6523 →"stereoout-" input, control, -70 to 4
6524
6525 [:: modalBar.dll ::]
6526
6527 Plugin Name: "modalBar"
6528 Plugin Label: "modalBar"
6529 Plugin Unique ID: 123
6530 Maker: "undefined"
6531 Copyright: "undefined"
6532 Must Run Real-Time: No
6533 Has activate() Function: Yes
6534 Has deactivate() Function: Yes
6535 Has run_adding() Function: No
6536 Environment: Normal or Hard Real-Time
6537 Ports:→"output00" output, audio
6538 →"output01" output, audio
6539 →"basicparameters-freq" input, control, 20 to 20000
6540 →"basicparameters-gain" input, control, 0 to 1
6541 →"basicparameters-gate" input, control, toggled
6542 →"envelopesandvibrato-vibratoparameters-vibratofreq" input, control, 1
to 15
6543 →"envelopesandvibrato-vibratoparameters-vibratogain" input, control, 0
to 1
6544 →"physicalandnonlinearity-nonlinearfilterparameters-modulationfrequency"
input, control, 20 to 1000

```

```
6545  →"physicalandnonlinearity-nonlinearfilterparameters-modulationtype"
input, control, 0 to 4
6546  →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearity" input,
control, 0 to 1
6547  →"physicalandnonlinearity-physicalparameters-preset" input, control, 0
to 8
6548  →"physicalandnonlinearity-physicalparameters-resonance" input, control,
0 to 1
6549  →"physicalandnonlinearity-physicalparameters-stickhardness" input,
control, 0 to 1
6550  →"reverb-reverbgain" input, control, 0 to 1
6551  →"reverb-roomsize" input, control, 0.01 to 2
6552  →"spat-panangle" input, control, 0 to 1
6553  →"spat-spatialwidth" input, control, 0 to 1
6554
6555  [:: mod_delay_1419.dll ::]
6556
6557  Plugin Name: "Modulatable delay"
6558  Plugin Label: "modDelay"
6559  Plugin Unique ID: 1419
6560  Maker: "Steve Harris <steve@plugin.org.uk>"
6561  Copyright: "GPL"
6562  Must Run Real-Time: No
6563  Has activate() Function: Yes
6564  Has deactivate() Function: No
6565  Has run_adding() Function: Yes
6566  Environment: Normal or Hard Real-Time
6567  Ports: →"Base delay (s)" input, control, 0 to 1, default 1
6568  →"Delay (s)" input, audio, 0 to 1.7, default 0
6569  →"Input" input, audio
6570  →"Output" output, audio
6571
6572  [:: multibandfilter.dll ::]
6573
6574  Plugin Name: "multibandfilter"
6575  Plugin Label: "multibandfilter"
6576  Plugin Unique ID: 35
6577  Maker: "undefined"
6578  Copyright: "undefined"
6579  Must Run Real-Time: No
6580  Has activate() Function: Yes
6581  Has deactivate() Function: Yes
6582  Has run_adding() Function: No
6583  Environment: Normal or Hard Real-Time
6584  Ports: →"input00" input, audio
6585  →"output00" output, audio
6586  →"peak0-qfactor" input, control, 0.1 to 100
6587  →"peak0-freq" input, control, 20 to 20000
6588  →"peak0-gain" input, control, -50 to 50
6589  →"peak1-qfactor" input, control, 0.1 to 100
6590  →"peak1-freq" input, control, 20 to 20000
6591  →"peak1-gain" input, control, -50 to 50
```

```
6592 →"peak2-qfactor" input, control, 0.1 to 100
6593 →"peak2-freq" input, control, 20 to 20000
6594 →"peak2-gain" input, control, -50 to 50
6595 →"peak3-qfactor" input, control, 0.1 to 100
6596 →"peak3-freq" input, control, 20 to 20000
6597 →"peak3-gain" input, control, -50 to 50
6598 →"peak4-qfactor" input, control, 0.1 to 100
6599 →"peak4-freq" input, control, 20 to 20000
6600 →"peak4-gain" input, control, -50 to 50
6601 →"peak5-qfactor" input, control, 0.1 to 100
6602 →"peak5-freq" input, control, 20 to 20000
6603 →"peak5-gain" input, control, -50 to 50
6604 →"peak6-qfactor" input, control, 0.1 to 100
6605 →"peak6-freq" input, control, 20 to 20000
6606 →"peak6-gain" input, control, -50 to 50
6607 →"peak7-qfactor" input, control, 0.1 to 100
6608 →"peak7-freq" input, control, 20 to 20000
6609 →"peak7-gain" input, control, -50 to 50
6610 →"peak8-qfactor" input, control, 0.1 to 100
6611 →"peak8-freq" input, control, 20 to 20000
6612 →"peak8-gain" input, control, -50 to 50
6613 →"peak9-qfactor" input, control, 0.1 to 100
6614 →"peak9-freq" input, control, 20 to 20000
6615 →"peak9-gain" input, control, -50 to 50
```

```
6616
6617 [:: multiplexer_4420.dll ::]
```

```
6618
6619 Plugin Name: "Multiplexer (CR)"
6620 Plugin Label: "mux_cr"
6621 Plugin Unique ID: 4420
6622 Maker: "Thorsten Wilms"
6623 Copyright: "GPL"
6624 Must Run Real-Time: No
6625 Has activate() Function: No
6626 Has deactivate() Function: No
6627 Has run_adding() Function: No
6628 Environment: Normal or Hard Real-Time
6629 Ports: →"Gate" input, audio
6630 →"Off" input, control
6631 →"On" input, control
6632 →"Output" output, control
```

```
6633
6634 Plugin Name: "Multiplexer (AR)"
6635 Plugin Label: "mux_ar"
6636 Plugin Unique ID: 4421
6637 Maker: "Thorsten Wilms"
6638 Copyright: "GPL"
6639 Must Run Real-Time: No
6640 Has activate() Function: No
6641 Has deactivate() Function: No
6642 Has run_adding() Function: No
6643 Environment: Normal or Hard Real-Time
```

```
6644 Ports:→"Gate" input, audio
6645 →"Off" input, audio
6646 →"On" input, audio
6647 →"Output" output, audio
6648
6649 [:: multivoice_chorus_1201.dll ::]
6650
6651 Plugin Name: "Multivoice Chorus"
6652 Plugin Label: "multivoiceChorus"
6653 Plugin Unique ID: 1201
6654 Maker: "Steve Harris <steve@plugin.org.uk>"
6655 Copyright: "GPL"
6656 Must Run Real-Time: No
6657 Has activate() Function: Yes
6658 Has deactivate() Function: No
6659 Has run_adding() Function: Yes
6660 Environment: Normal
6661 Ports:→"Number of voices" input, control, 1 to 8, default 1, integer
6662 →"Delay base (ms)" input, control, 10 to 40, default 10
6663 →"Voice separation (ms)" input, control, 0 to 2, default 0.5
6664 →"Detune (%)" input, control, 0 to 5, default 1
6665 →"LFO frequency (Hz)" input, control, 2 to 30, default 9
6666 →"Output attenuation (dB)" input, control, -20 to 0, default 0
6667 →"Input" input, audio
6668 →"Output" output, audio
6669
6670 [:: mvchpf24.dll ::]
6671
6672 Plugin Name: "Mvchpf-1" Digital implementation of the VC HP filter
        invented by R.A. Moog"
6673 Plugin Label: "Mvchpf-1"
6674 Plugin Unique ID: 1960
6675 Maker: "Fons Adriaensen <fons.adriaensen@skynet.be>"
6676 Copyright: "(C) 2004 Fons Adriaensen, GNU General Public License Version
        2 applies"
6677 Must Run Real-Time: Yes
6678 Has activate() Function: Yes
6679 Has deactivate() Function: Yes
6680 Has run_adding() Function: Yes
6681 Environment: Normal or Hard Real-Time
6682 Ports:→"Input" input, audio
6683 →"Output" output, audio
6684 →"Frequency" input, audio
6685 →"Exp FM" input, audio
6686 →"Input gain (dB)" input, control, -60 to 10, default 0
6687 →"Frequency" input, control, -6 to 6, default 0
6688 →"Exp FM gain" input, control, 0 to 10
6689 →"Output gain (dB)" input, control, -15 to 15, default 0
6690
6691 [:: mvclpf24.dll ::]
6692
6693 Plugin Name: "Mvclpf-1" Digital implementation of the VC filter invented
```

```
by R.A.Moog"
6694 Plugin Label: "Mvclpf-1"
6695 Plugin Unique ID: 1941
6696 Maker: "Fons Adriaensen <fons.adriaensen@alcatel.be>"
6697 Copyright: "(C) 2003 Fons Adriaensen, GNU General Public License Version
2 applies"
6698 Must Run Real-Time: Yes
6699 Has activate() Function: Yes
6700 Has deactivate() Function: Yes
6701 Has run_adding() Function: Yes
6702 Environment: Normal or Hard Real-Time
6703 Ports:→"Input" input, audio
6704 →"Output" output, audio
6705 →"Frequency" input, audio
6706 →"Exp FM" input, audio
6707 →"Resonance" input, audio
6708 →"Input gain (dB)" input, control, -60 to 10, default 0
6709 →"Frequency" input, control, -6 to 6, default 0
6710 →"Exp FM gain" input, control, 0 to 10
6711 →"Resonance" input, control, 0 to 1
6712 →"Resonance gain" input, control, 0 to 1
6713 →"Output gain (dB)" input, control, -15 to 15, default 0
6714
6715 Plugin Name: "Mvclpf-2 --- Digital implementation of the VC filter invented
by R.A.Moog"
6716 Plugin Label: "Mvclpf-2"
6717 Plugin Unique ID: 1942
6718 Maker: "Fons Adriaensen <fons.adriaensen@alcatel.be>"
6719 Copyright: "(C) 2003 Fons Adriaensen, GNU General Public License Version
2 applies"
6720 Must Run Real-Time: Yes
6721 Has activate() Function: Yes
6722 Has deactivate() Function: Yes
6723 Has run_adding() Function: Yes
6724 Environment: Normal or Hard Real-Time
6725 Ports:→"Input" input, audio
6726 →"Output" output, audio
6727 →"Frequency" input, audio
6728 →"Exp FM" input, audio
6729 →"Resonance" input, audio
6730 →"Input gain (dB)" input, control, -60 to 10, default 0
6731 →"Frequency" input, control, -6 to 6, default 0
6732 →"Exp FM gain" input, control, 0 to 10
6733 →"Resonance" input, control, 0 to 1
6734 →"Resonance gain" input, control, 0 to 1
6735 →"Output gain (dB)" input, control, -15 to 15, default 0
6736
6737 Plugin Name: "Mvclpf-3 --- Digital implementation of the VC filter invented
by R.A.Moog"
6738 Plugin Label: "Mvclpf-3"
6739 Plugin Unique ID: 1943
6740 Maker: "Fons Adriaensen <fons.adriaensen@alcatel.be>"
```

```
6741 Copyright: "(C) 2003 Fons Adriaensen, GNU General Public License Version
6742 2 applies"
6743 Must Run Real-Time: Yes
6744 Has activate() Function: Yes
6745 Has deactivate() Function: Yes
6746 Has run_adding() Function: Yes
6747 Environment: Normal or Hard Real-Time
6748 Ports: → "Input" input, audio
6749 → "Output" output, audio
6750 → "Frequency" input, audio
6751 → "Exp FM" input, audio
6752 → "Resonance" input, audio
6753 → "Input gain (dB)" input, control, -60 to 10, default 0
6754 → "Frequency" input, control, -6 to 6, default 0
6755 → "Exp FM gain" input, control, 0 to 10
6756 → "Resonance" input, control, 0 to 1
6757 → "Resonance gain" input, control, 0 to 1
6758 → "Output gain (dB)" input, control, -15 to 15, default 0
6759 Plugin Name: "Mvclpf-4" Digital implementation of the VC filter invented
6760 by R.A.Moog"
6761 Plugin Label: "Mvclpf-4"
6762 Plugin Unique ID: 1948
6763 Maker: "Fons Adriaensen <fons.adriaensen@alcatel.be>"
6764 Copyright: "(C) 2003 Fons Adriaensen, GNU General Public License Version
6765 2 applies"
6766 Must Run Real-Time: Yes
6767 Has activate() Function: Yes
6768 Has deactivate() Function: Yes
6769 Has run_adding() Function: Yes
6770 Environment: Normal or Hard Real-Time
6771 Ports: → "Input" input, audio
6772 → "Output" output, audio
6773 → "Frequency" input, audio
6774 → "Exp FM" input, audio
6775 → "Resonance" input, audio
6776 → "Input gain (dB)" input, control, -60 to 10, default 0
6777 → "Frequency" input, control, -6 to 6, default 0
6778 → "Exp FM gain" input, control, 0 to 10
6779 → "Resonance" input, control, 0 to 1
6780 → "Resonance gain" input, control, 0 to 1
6781 → "Filter poles" input, control, 0 to 4, integer
6782 → "Output gain (dB)" input, control, -15 to 15, default 0
6783
6784 [:: mverb-ladspa-nogui.dll ::]
6785
6786 Plugin Name: "mverb"
6787 Plugin Label: "mverb"
6788 Plugin Unique ID: 1096286208
6789 Maker: "martin eastwood"
6790 Copyright: "Copyright (c) martin eastwood"
6791 Must Run Real-Time: Yes
```

```
6790 Has activate() Function: Yes
6791 Has deactivate() Function: Yes
6792 Has run_adding() Function: No
6793 Environment: Normal or Hard Real-Time
6794 Ports:→"input 0" input, audio
6795 →"input 1" input, audio
6796 →"output 0" output, audio
6797 →"output 1" output, audio
6798 →"damping freq" input, control, 0 to 1, default 0.5
6799 →"density" input, control, 0 to 1, default 0.5
6800 →"bandwidthfreq" input, control, 0 to 1, default 0.5
6801 →"decay" input, control, 0 to 1, default 0.5
6802 →"predelay" input, control, 0 to 1, default 0.5
6803 →"size" input, control, 0 to 1, default 0.5
6804 →"gain" input, control, 0 to 1, default 0.5
6805 →"mix" input, control, 0 to 1, default 0.5
6806 →"earlymix" input, control, 0 to 1, default 0.5
```

```
6807
6808 [:: NLFeks.dll ::]
```

```
6809
6810 Plugin Name: "NLFeks"
6811 Plugin Label: "NLFeks"
6812 Plugin Unique ID: 412
6813 Maker: "undefined"
6814 Copyright: "undefined"
6815 Must Run Real-Time: No
6816 Has activate() Function: Yes
6817 Has deactivate() Function: Yes
6818 Has run_adding() Function: No
6819 Environment: Normal or Hard Real-Time
6820 Ports:→"output00" output, audio
6821 →"output01" output, audio
6822 →"nonlinearfilter-typemod" input, control, 0 to 4
6823 →"nonlinearity" input, control, 0 to 1
6824 →"reverb-reverbgain" input, control, 0 to 1
6825 →"reverb-roomsize" input, control, 0.01 to 2
6826 →"spat-panangle" input, control, 0 to 1
6827 →"spat-spatialwidth" input, control, 0 to 1
6828 →"brightness" input, control, 0 to 1
6829 →"decaytimet60" input, control, 0 to 10
6830 →"dynamiclevel" input, control, -60 to 0
6831 →"freq" input, control, 20 to 7040
6832 →"freqmod" input, control, 20 to 1000
6833 →"gain" input, control, 0 to 10
6834 →"gate" input, control, toggled
6835 →"pickangle" input, control, 0 to 0.9
6836 →"pickposition" input, control, 0.02 to 0.5
```

```
6837
6838 [:: NLFfm.dll ::]
```

```
6839
6840 Plugin Name: "NLFfm"
6841 Plugin Label: "NLFfm"
```

```
6842 Plugin Unique ID: 62
6843 Maker: "undefined"
6844 Copyright: "undefined"
6845 Must Run Real-Time: No
6846 Has activate() Function: Yes
6847 Has deactivate() Function: Yes
6848 Has run_adding() Function: No
6849 Environment: Normal or Hard Real-Time
6850 Ports: →"output00" output, audio
6851 →"output01" output, audio
6852 →"basicparameters-freq" input, control, 20 to 20000
6853 →"basicparameters-gain" input, control, 0 to 1
6854 →"basicparameters-gate" input, control, toggled
6855 →"envelopesandvibrato-envelopeparameters-envelopeattack" input, control,
0 to 2
6856 →"envelopesandvibrato-envelopeparameters-envelopedecay" input, control,
0 to 2
6857 →"envelopesandvibrato-envelopeparameters-enveloperelease" input,
control, 0 to 2
6858 →"envelopesandvibrato-vibratoparameters-vibratoattack" input, control, 0
to 2
6859 →"envelopesandvibrato-vibratoparameters-vibratofreq" input, control, 1
to 15
6860 →"envelopesandvibrato-vibratoparameters-vibratogain" input, control, 0
to 1
6861 →"envelopesandvibrato-vibratoparameters-vibratorelease" input, control,
0 to 2
6862 →"physicalandnonlinearity-nonlinearfilterparameters-modulationfrequency"
input, control, 20 to 1000
6863 →"physicalandnonlinearity-nonlinearfilterparameters-modulationtype"
input, control, 0 to 4
6864 →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearity" input,
control, 0 to 1
6865 →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearityattack"
input, control, 0 to 2
6866 →"reverb-reverbgain" input, control, 0 to 1
6867 →"reverb-roomsize" input, control, 0.01 to 2
6868 →"spat-panangle" input, control, 0 to 1
6869 →"spat-spatialwidth" input, control, 0 to 1
6870
6871 [:: noise.dll ::]
6872
6873 Plugin Name: "White Noise Source"
6874 Plugin Label: "noise_white"
6875 Plugin Unique ID: 1050
6876 Maker: "Richard Furse (LADSPA example plugins)"
6877 Copyright: "None"
6878 Must Run Real-Time: No
6879 Has activate() Function: No
6880 Has deactivate() Function: No
6881 Has run_adding() Function: Yes
6882 Environment: Normal or Hard Real-Time
```

6883 Ports:→"Amplitude" input, control, 0 to ..., default 1, logarithmic
6884 →"Output" output, audio

6885

6886 [:: noisemetadata.dll ::]

6887

6888 Plugin Name: "noisemetadata"

6889 Plugin Label: "noisemetadata"

6890 Plugin Unique ID: 882

6891 Maker: "undefined"

6892 Copyright: "undefined"

6893 Must Run Real-Time: No

6894 Has activate() Function: Yes

6895 Has deactivate() Function: Yes

6896 Has run_adding() Function: No

6897 Environment: Normal or Hard Real-Time

6898 Ports:→"output00" output, audio

6899 →"volume" input, control, 0 to 1

6900

6901 [:: noise_1921.dll ::]

6902

6903 Plugin Name: "IEEE Single Precision Noise"

6904 Plugin Label: "floatNoise"

6905 Plugin Unique ID: 1921

6906 Maker: "Nick Lamb <njl195@zepler.org.uk>"

6907 Copyright: "GPL 2002-2005"

6908 Must Run Real-Time: No

6909 Has activate() Function: No

6910 Has deactivate() Function: No

6911 Has run_adding() Function: No

6912 Environment: Normal or Hard Real-Time

6913 Ports:→"Output" output, audio

6914

6915 [:: noise_1922.dll ::]

6916

6917 Plugin Name: "Integer Noise"

6918 Plugin Label: "intNoise"

6919 Plugin Unique ID: 1922

6920 Maker: "Nick Lamb <njl195@zepler.org.uk>"

6921 Copyright: "GPL 2002-2005"

6922 Must Run Real-Time: No

6923 Has activate() Function: No

6924 Has deactivate() Function: No

6925 Has run_adding() Function: No

6926 Environment: Normal or Hard Real-Time

6927 Ports:→"Bits" input, control, 1 to 24, default 24

6928 →"Output" output, audio

6929

6930 [:: noise_faust.dll ::]

6931

6932 Plugin Name: "noise"

6933 Plugin Label: "noise"

6934 Plugin Unique ID: 254

```
6935 Maker: "undefined"
6936 Copyright: "undefined"
6937 Must Run Real-Time: No
6938 Has activate() Function: Yes
6939 Has deactivate() Function: Yes
6940 Has run_adding() Function: No
6941 Environment: Normal or Hard Real-Time
6942 Ports: → "output00" output, audio
6943 → "volume" input, control, 0 to 1
6944
6945 [:: notch.dll ::]
6946
6947 Plugin Name: "notch"
6948 Plugin Label: "notch"
6949 Plugin Unique ID: 441
6950 Maker: "undefined"
6951 Copyright: "undefined"
6952 Must Run Real-Time: No
6953 Has activate() Function: Yes
6954 Has deactivate() Function: Yes
6955 Has run_adding() Function: No
6956 Environment: Normal or Hard Real-Time
6957 Ports: → "input00" input, audio
6958 → "output00" output, audio
6959 → "freq" input, control, 100 to 10000
6960 → "q" input, control, 0.01 to 100
6961
6962 [:: notch_iir_1894.dll ::]
6963
6964 Plugin Name: "Mag's Notch Filter"
6965 Plugin Label: "notch_iir"
6966 Plugin Unique ID: 1894
6967 Maker: "Alexander Ehlert <mag@glame.de>"
6968 Copyright: "GPL"
6969 Must Run Real-Time: No
6970 Has activate() Function: Yes
6971 Has deactivate() Function: No
6972 Has run_adding() Function: Yes
6973 Environment: Normal or Hard Real-Time
6974 Ports: → "Center Frequency (Hz)" input, control, 0.0001*srate to
0.45*srate, default 0.0067082*srate, logarithmic
6975 → "Bandwidth (Hz)" input, control, 0.0001*srate to 0.45*srate, default
0.0067082*srate, logarithmic
6976 → "Stages(2 poles per stage)" input, control, 1 to 10, default 1, integer
6977 → "Input" input, audio
6978 → "Output" output, audio
6979
6980 [:: nova_filters.dll ::]
6981
6982 Plugin Name: "Nova Low Shelf Filter"
6983 Plugin Label: "nova_low_shelf"
6984 Plugin Unique ID: 3421
```

```
6985  Maker: "Tim Blechmann <tim@klingt.org>"
6986  Copyright: "GPL"
6987  Must Run Real-Time: Yes
6988  Has activate() Function: Yes
6989  Has deactivate() Function: Yes
6990  Has run_adding() Function: No
6991  Environment: Normal or Hard Real-Time
6992  Ports: → "Input" input, audio
6993  → "Output" output, audio
6994  → "Stages" input, control, 1 to 16, default 1, integer
6995  → "Gain (per Stage)" input, control, -20 to 20, default 0
6996  → "Frequency" input, control, 0 to 0.5*srates, default 440, logarithmic
6997
6998  Plugin Name: "Nova High Shelf Filter"
6999  Plugin Label: "nova_high_shelf"
7000  Plugin Unique ID: 3422
7001  Maker: "Tim Blechmann <tim@klingt.org>"
7002  Copyright: "GPL"
7003  Must Run Real-Time: Yes
7004  Has activate() Function: Yes
7005  Has deactivate() Function: Yes
7006  Has run_adding() Function: No
7007  Environment: Normal or Hard Real-Time
7008  Ports: → "Input" input, audio
7009  → "Output" output, audio
7010  → "Stages" input, control, 1 to 16, default 1, integer
7011  → "Gain (per Stage)" input, control, -20 to 20, default 0
7012  → "Frequency" input, control, 0 to 0.5*srates, default 440, logarithmic
7013
7014  Plugin Name: "Nova Parametric Equalizer"
7015  Plugin Label: "nova_parametric_equalizer"
7016  Plugin Unique ID: 3423
7017  Maker: "Tim Blechmann <tim@klingt.org>"
7018  Copyright: "GPL"
7019  Must Run Real-Time: Yes
7020  Has activate() Function: Yes
7021  Has deactivate() Function: Yes
7022  Has run_adding() Function: No
7023  Environment: Normal or Hard Real-Time
7024  Ports: → "Input" input, audio
7025  → "Output" output, audio
7026  → "Stages" input, control, 1 to 16, default 1, integer
7027  → "Gain (per Stage)" input, control, -20 to 20, default 0
7028  → "Frequency" input, control, 0 to 0.5*srates, default 440, logarithmic
7029  → "Bandwidth" input, control, 20 to 5000, default 100, logarithmic
7030
7031  Plugin Name: "Nova Low Pass Filter"
7032  Plugin Label: "nova_low_pass"
7033  Plugin Unique ID: 3424
7034  Maker: "Tim Blechmann <tim@klingt.org>"
7035  Copyright: "GPL"
7036  Must Run Real-Time: Yes
```

```
7037 Has activate() Function: Yes
7038 Has deactivate() Function: Yes
7039 Has run_adding() Function: No
7040 Environment: Normal or Hard Real-Time
7041 Ports:→"Input" input, audio
7042 →"Output" output, audio
7043 →"Stages" input, control, 1 to 16, default 1, integer
7044 →"Frequency" input, control, 0 to 0.5*srates, default 440, logarithmic
7045
7046 Plugin Name: "Nova High Pass Filter"
7047 Plugin Label: "nova_high_pass"
7048 Plugin Unique ID: 3425
7049 Maker: "Tim Blechmann <tim@klingt.org>"
7050 Copyright: "GPL"
7051 Must Run Real-Time: Yes
7052 Has activate() Function: Yes
7053 Has deactivate() Function: Yes
7054 Has run_adding() Function: No
7055 Environment: Normal or Hard Real-Time
7056 Ports:→"Input" input, audio
7057 →"Output" output, audio
7058 →"Stages" input, control, 1 to 16, default 1, integer
7059 →"Frequency" input, control, 0 to 0.5*srates, default 440, logarithmic
7060
7061 Plugin Name: "Nova Band Pass Filter"
7062 Plugin Label: "nova_band_pass"
7063 Plugin Unique ID: 3426
7064 Maker: "Tim Blechmann <tim@klingt.org>"
7065 Copyright: "GPL"
7066 Must Run Real-Time: Yes
7067 Has activate() Function: Yes
7068 Has deactivate() Function: Yes
7069 Has run_adding() Function: No
7070 Environment: Normal or Hard Real-Time
7071 Ports:→"Input" input, audio
7072 →"Output" output, audio
7073 →"Stages" input, control, 1 to 16, default 1, integer
7074 →"Frequency" input, control, 0 to 0.5*srates, default 440, logarithmic
7075 →"Bandwidth" input, control, 20 to 5000, default 100, logarithmic
7076
7077 Plugin Name: "Nova Band Reject Filter"
7078 Plugin Label: "nova_band_reject"
7079 Plugin Unique ID: 3427
7080 Maker: "Tim Blechmann <tim@klingt.org>"
7081 Copyright: "GPL"
7082 Must Run Real-Time: Yes
7083 Has activate() Function: Yes
7084 Has deactivate() Function: Yes
7085 Has run_adding() Function: No
7086 Environment: Normal or Hard Real-Time
7087 Ports:→"Input" input, audio
7088 →"Output" output, audio
```

```
7089 →"Stages" input, control, 1 to 16, default 1, integer
7090 →"Frequency" input, control, 0 to 0.5*srates, default 440, logarithmic
7091 →"Bandwidth" input, control, 20 to 5000, default 100, logarithmic
```

```
7092
7093 [:: osc.dll ::]
```

```
7094
7095 Plugin Name: "osc"
7096 Plugin Label: "osc"
7097 Plugin Unique ID: 476
7098 Maker: "undefined"
7099 Copyright: "undefined"
7100 Must Run Real-Time: No
7101 Has activate() Function: Yes
7102 Has deactivate() Function: Yes
7103 Has run_adding() Function: No
7104 Environment: Normal or Hard Real-Time
7105 Ports: →"output00" output, audio
7106 →"freq" input, control, 20 to 24000
7107 →"volume" input, control, -96 to 0
7108
```

```
7109 [:: osci.dll ::]
```

```
7110
7111 Plugin Name: "osci"
7112 Plugin Label: "osci"
7113 Plugin Unique ID: 802
7114 Maker: "undefined"
7115 Copyright: "undefined"
7116 Must Run Real-Time: No
7117 Has activate() Function: Yes
7118 Has deactivate() Function: Yes
7119 Has run_adding() Function: No
7120 Environment: Normal or Hard Real-Time
7121 Ports: →"output00" output, audio
7122 →"freq" input, control, 20 to 24000
7123 →"volume" input, control, -96 to 0
7124
```

```
7125 [:: pandelay.dll ::]
```

```
7126
7127 Plugin Name: "PanDelay"
7128 Plugin Label: "pandelay"
7129 Plugin Unique ID: 1052
7130 Maker: "Nil Geisweiller"
7131 Copyright: "GPL"
7132 Must Run Real-Time: No
7133 Has activate() Function: Yes
7134 Has deactivate() Function: Yes
7135 Has run_adding() Function: Yes
7136 Environment: Normal or Hard Real-Time
7137 Ports: →"Input (Left)" input, audio
7138 →"Input (Right)" input, audio
7139 →"Output (Left)" output, audio
7140 →"Output (Right)" output, audio
```

```
7141  →"BMP" input, control, 60 to 255, default 100
7142  →"Beat Ratio" input, control, 0.125 to 2, default 1
7143  →"Feedback" input, control, -1 to 1, default 0.5
7144  →"Pan LFO Freq" input, control, 0.1 to 10, default 3.16228, logarithmic
7145  →"Pan LFO Depth" input, control, 0 to 1, default 0.75
7146  →"Dry/Wet" input, control, 0 to 1, default 0.5
7147
7148  [:: panpot.dll ::]
7149
7150  Plugin Name: "panpot"
7151  Plugin Label: "panpot"
7152  Plugin Unique ID: 229
7153  Maker: "undefined"
7154  Copyright: "undefined"
7155  Must Run Real-Time: No
7156  Has activate() Function: Yes
7157  Has deactivate() Function: Yes
7158  Has run_adding() Function: No
7159  Environment: Normal or Hard Real-Time
7160  Ports: →"input00" input, audio
7161  →"output00" output, audio
7162  →"output01" output, audio
7163  →"pan" input, control, -90 to 90
7164
7165  [:: parametric_eq.dll ::]
7166
7167  Plugin Name: "parametric_eq"
7168  Plugin Label: "parametric_eq"
7169  Plugin Unique ID: 4294966450
7170  Maker: "undefined"
7171  Copyright: "undefined"
7172  Must Run Real-Time: No
7173  Has activate() Function: Yes
7174  Has deactivate() Function: Yes
7175  Has run_adding() Function: No
7176  Environment: Normal or Hard Real-Time
7177  Ports: →"input00" input, audio
7178  →"output00" output, audio
7179  →"output01" output, audio
7180  →"sawtoothoscillator-amplitude" input, control, -120 to 10
7181  →"sawtoothoscillator-frequency" input, control, 1 to 88
7182  →"sawtoothoscillator-detuning1" input, control, -10 to 10
7183  →"sawtoothoscillator-detuning2" input, control, -10 to 10
7184  →"sawtoothoscillator-portamento" input, control, 0.01 to 1
7185  →"sawtoothoscillator-alternatesignals-pinknoiseinstead" input, control,
    toggled
7186  →"sawtoothoscillator-alternatesignals-externalinputinstead" input,
    control, toggled
7187  →"parametriceqsections-lowshelf-lowboostcut" input, control, -40 to 40
7188  →"parametriceqsections-lowshelf-transitionfrequency" input, control, 1
    to 5000
7189  →"parametriceqsections-peakingequalizer-peakboostcut" input, control,
```

```

-40 to 40
7190 →"parametriceqsections-peakingequalizer-peakfrequency" input, control, 1
to 100
7191 →"parametriceqsections-peakingequalizer-peakq" input, control, 1 to 50
7192 →"parametriceqsections-highshelf-highboostcut" input, control, -40 to 40
7193 →"parametriceqsections-highshelf-transitionfrequency" input, control, 20
to 10000
7194 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7195 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7196 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7197 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7198 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7199 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7200 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7201 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7202 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7203 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7204 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7205 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7206 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7207 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7208 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7209 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7210 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7211 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7212 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7213 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7214 →"spectrumanalyzercontrols-levelaveragingtime" input, control, 0 to 1
7215 →"spectrumanalyzercontrols-leveldboffset" input, control, 0 to 100
7216
7217 [:: peakingEQ.dll ::]
7218
7219 Plugin Name: "peakingEQ"
7220 Plugin Label: "peakingEQ"
7221 Plugin Unique ID: 866
7222 Maker: "undefined"
7223 Copyright: "undefined"
7224 Must Run Real-Time: No
7225 Has activate() Function: Yes
7226 Has deactivate() Function: Yes
7227 Has run_adding() Function: No
7228 Environment: Normal or Hard Real-Time
7229 Ports:→"input00" input, audio
7230 →"output00" output, audio
7231 →"freq" input, control, 100 to 10000
7232 →"gain" input, control, -10 to 10
7233 →"q" input, control, 0.01 to 100
7234
7235 [:: peakNotch.dll ::]
7236
7237 Plugin Name: "peakNotch"
7238 Plugin Label: "peakNotch"

```

```
7239 Plugin Unique ID: 649
7240 Maker: "undefined"
7241 Copyright: "undefined"
7242 Must Run Real-Time: No
7243 Has activate() Function: Yes
7244 Has deactivate() Function: Yes
7245 Has run_adding() Function: No
7246 Environment: Normal or Hard Real-Time
7247 Ports: → "input00" input, audio
7248 → "output00" output, audio
7249 → "freq" input, control, 100 to 10000
7250 → "gain" input, control, 0 to 8
7251 → "q" input, control, 0.01 to 100
7252
7253 [:: phasers_1217.dll ::]
7254
7255 Plugin Name: "LFO Phaser"
7256 Plugin Label: "lfoPhaser"
7257 Plugin Unique ID: 1217
7258 Maker: "Steve Harris <steve@plugin.org.uk>"
7259 Copyright: "GPL"
7260 Must Run Real-Time: No
7261 Has activate() Function: Yes
7262 Has deactivate() Function: No
7263 Has run_adding() Function: Yes
7264 Environment: Normal or Hard Real-Time
7265 Ports: → "LFO rate (Hz)" input, control, 0 to 100, default 25
7266 → "LFO depth" input, control, 0 to 1, default 0.25
7267 → "Feedback" input, control, -1 to 1, default 0
7268 → "Spread (octaves)" input, control, 0 to 2, default 1
7269 → "Input" input, audio
7270 → "Output" output, audio
7271
7272 Plugin Name: "4 x 4 pole allpass"
7273 Plugin Label: "fourByFourPole"
7274 Plugin Unique ID: 1218
7275 Maker: "Steve Harris <steve@plugin.org.uk>"
7276 Copyright: "GPL"
7277 Must Run Real-Time: No
7278 Has activate() Function: Yes
7279 Has deactivate() Function: No
7280 Has run_adding() Function: Yes
7281 Environment: Normal or Hard Real-Time
7282 Ports: → "Frequency 1" input, control, 1 to 20000, default 5000.75
7283 → "Feedback 1" input, control, -1 to 1, default 0
7284 → "Frequency 2" input, control, 1 to 20000, default 10000.5
7285 → "Feedback 2" input, control, -1 to 1, default 0
7286 → "Frequency 3" input, control, 1 to 20000, default 15000.3
7287 → "Feedback 3" input, control, -1 to 1, default 0
7288 → "Frequency 4" input, control, 1 to 20000, default 20000
7289 → "Feedback 4" input, control, -1 to 1, default 0
7290 → "Input" input, audio
```

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7291  →"Output" output, audio
7292
7293  Plugin Name: "Auto phaser"
7294  Plugin Label: "autoPhaser"
7295  Plugin Unique ID: 1219
7296  Maker: "Steve Harris <steve@plugin.org.uk>"
7297  Copyright: "GPL"
7298  Must Run Real-Time: No
7299  Has activate() Function: Yes
7300  Has deactivate() Function: No
7301  Has run_adding() Function: Yes
7302  Environment: Normal or Hard Real-Time
7303  Ports: →"Attack time (s)" input, control, 0 to 1, default 0.25
7304  →"Decay time (s)" input, control, 0 to 1, default 0.25
7305  →"Modulation depth" input, control, 0 to 1, default 0.25
7306  →"Feedback" input, control, -1 to 1, default 0
7307  →"Spread (octaves)" input, control, 0 to 2, default 1
7308  →"Input" input, audio
7309  →"Output" output, audio
7310
7311  [:: phaser_flanger.dll ::]
7312
7313  Plugin Name: "phaser_flanger"
7314  Plugin Label: "phaser_flanger"
7315  Plugin Unique ID: 4294967203
7316  Maker: "undefined"
7317  Copyright: "undefined"
7318  Must Run Real-Time: No
7319  Has activate() Function: Yes
7320  Has deactivate() Function: Yes
7321  Has run_adding() Function: No
7322  Environment: Normal or Hard Real-Time
7323  Ports: →"input00" input, audio
7324  →"output00" output, audio
7325  →"output01" output, audio
7326  →"sawtoothoscillator-amplitude" input, control, -120 to 10
7327  →"sawtoothoscillator-frequency" input, control, 1 to 88
7328  →"sawtoothoscillator-detuning1" input, control, -10 to 10
7329  →"sawtoothoscillator-detuning2" input, control, -10 to 10
7330  →"sawtoothoscillator-portamento" input, control, 0.01 to 1
7331  →"sawtoothoscillator-alternatesignals-pinknoiseinstead" input, control,
7332  toggled
7333  →"sawtoothoscillator-alternatesignals-externalinputinstead" input,
7334  control, toggled
7335  →"flanger-bypass" input, control, toggled
7336  →"flanger-invertflangesum" input, control, toggled
7337  →"flanger-flangelfo" output, control, -1.5 to 1.5
7338  →"flanger-speed" input, control, 0 to 10
7339  →"flanger-depth" input, control, 0 to 1
7340  →"flanger-feedback" input, control, -0.999 to 0.999
7341  →"flanger-delaycontrols-flangedelay" input, control, 0 to 20
7342  →"flanger-delaycontrols-delayoffset" input, control, 0 to 20

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7341 →"flanger-flangeroutputlevel" input, control, -60 to 10
7342 →"phaser2-bypass" input, control, toggled
7343 →"phaser2-invertinternalphasersum" input, control, toggled
7344 →"phaser2-vibratomode" input, control, toggled
7345 →"phaser2-speed" input, control, 0 to 10
7346 →"phaser2-notchdepth" input, control, 0 to 1
7347 →"phaser2-feedbackgain" input, control, -0.999 to 0.999
7348 →"phaser2-notchwidth" input, control, 10 to 5000
7349 →"phaser2-minnotch1freq" input, control, 20 to 5000
7350 →"phaser2-maxnotch1freq" input, control, 20 to 10000
7351 →"phaser2-notchfreqrationotchfreqnotchfreq" input, control, 1.1 to 4
7352 →"phaser2-phaseroutputlevel" input, control, -60 to 10
7353 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7354 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7355 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7356 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7357 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7358 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7359 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7360 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7361 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7362 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7363 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7364 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7365 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7366 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7367 →"constant-qspectrumanalyzer-" output, control, -50 to 10
7368 →"spectrumanalyzercontrols-levelaveragingtime" input, control, 0 to 1
7369 →"spectrumanalyzercontrols-leveldboffset" input, control, 0 to 100

```

```

7370
7371 [:: piano.dll ::]

```

```

7372
7373 Plugin Name: "piano"
7374 Plugin Label: "piano"
7375 Plugin Unique ID: 632
7376 Maker: "undefined"
7377 Copyright: "undefined"
7378 Must Run Real-Time: No
7379 Has activate() Function: Yes
7380 Has deactivate() Function: Yes
7381 Has run_adding() Function: No
7382 Environment: Normal or Hard Real-Time
7383 Ports:→"output00" output, audio
7384 →"output01" output, audio
7385 →"basicparameters-freq" input, control, 20 to 20000
7386 →"basicparameters-gain" input, control, 0 to 1
7387 →"basicparameters-gate" input, control, toggled
7388 →"physicalparameters-brightnessfactor" input, control, 0 to 1
7389 →"physicalparameters-detuningfactor" input, control, 0 to 1
7390 →"physicalparameters-hammerhardness" input, control, 0 to 1
7391 →"physicalparameters-stiffnessfactor" input, control, 0 to 1
7392 →"reverb-reverbgain" input, control, 0 to 1

```

```
7393  →"reverb-roomsize" input, control, 0.01 to 2
7394  →"spat-panangle" input, control, 0 to 1
7395  →"spat-spatialwidth" input, control, 0 to 1
7396
7397  [:: pitch_scale_1193.dll ::]
7398
7399  Plugin Name: "Pitch Scaler"
7400  Plugin Label: "pitchScale"
7401  Plugin Unique ID: 1193
7402  Maker: "Steve Harris <steve@plugin.org.uk>"
7403  Copyright: "GPL"
7404  Must Run Real-Time: No
7405  Has activate() Function: Yes
7406  Has deactivate() Function: No
7407  Has run_adding() Function: Yes
7408  Environment: Normal or Hard Real-Time
7409  Ports: →"Pitch co-efficient" input, control, 0.5 to 2, default 1
7410  →"Input" input, audio
7411  →"Output" output, audio
7412  →"latency" output, control
7413
7414  [:: pitch_scale_1194.dll ::]
7415
7416  Plugin Name: "Higher Quality Pitch Scaler"
7417  Plugin Label: "pitchScaleHQ"
7418  Plugin Unique ID: 1194
7419  Maker: "Steve Harris <steve@plugin.org.uk>"
7420  Copyright: "GPL"
7421  Must Run Real-Time: No
7422  Has activate() Function: Yes
7423  Has deactivate() Function: No
7424  Has run_adding() Function: Yes
7425  Environment: Normal or Hard Real-Time
7426  Ports: →"Pitch co-efficient" input, control, 0.5 to 2, default 1
7427  →"Input" input, audio
7428  →"Output" output, audio
7429  →"latency" output, control
7430
7431  [:: pitch_shifter.dll ::]
7432
7433  Plugin Name: "pitch_shifter"
7434  Plugin Label: "pitch_shifter"
7435  Plugin Unique ID: 147
7436  Maker: "undefined"
7437  Copyright: "undefined"
7438  Must Run Real-Time: No
7439  Has activate() Function: Yes
7440  Has deactivate() Function: Yes
7441  Has run_adding() Function: No
7442  Environment: Normal or Hard Real-Time
7443  Ports: →"input00" input, audio
7444  →"output00" output, audio
```

```
7445  →"shift" input, control, -12 to 12
7446  →"window" input, control, 50 to 10000
7447  →"xfade" input, control, 1 to 10000
7448
7449  [:: plate_1423.dll ::]
7450
7451  Plugin Name: "Plate reverb"
7452  Plugin Label: "plate"
7453  Plugin Unique ID: 1423
7454  Maker: "Steve Harris <steve@plugin.org.uk>"
7455  Copyright: "GPL"
7456  Must Run Real-Time: No
7457  Has activate() Function: Yes
7458  Has deactivate() Function: No
7459  Has run_adding() Function: Yes
7460  Environment: Normal or Hard Real-Time
7461  Ports: →"Reverb time" input, control, 0.01 to 8.5, default 4.255
7462  →"Damping" input, control, 0 to 1, default 0.25
7463  →"Dry/wet mix" input, control, 0 to 1, default 0.25
7464  →"Input" input, audio
7465  →"Left output" output, audio
7466  →"Right output" output, audio
7467
7468  [:: pointer_cast_1910.dll ::]
7469
7470  Plugin Name: "Pointer cast distortion"
7471  Plugin Label: "pointerCastDistortion"
7472  Plugin Unique ID: 1910
7473  Maker: "Steve Harris <steve@plugin.org.uk>"
7474  Copyright: "GPL"
7475  Must Run Real-Time: No
7476  Has activate() Function: Yes
7477  Has deactivate() Function: No
7478  Has run_adding() Function: Yes
7479  Environment: Normal or Hard Real-Time
7480  Ports: →"Effect cutoff freq (Hz)" input, control, 0.0001*srates to
7481  0.3*srates, default 0.000740083*srates, logarithmic
7482  →"Dry/wet mix" input, control, 0 to 1, default 0
7483  →"Input" input, audio
7484  →"Output" output, audio
7485
7486  [:: power_4400.dll ::]
7487
7488  Plugin Name: "Power (CR)"
7489  Plugin Label: "power_cr"
7490  Plugin Unique ID: 4400
7491  Maker: "Thorsten Wilms"
7492  Copyright: "GPL"
7493  Must Run Real-Time: No
7494  Has activate() Function: No
7495  Has deactivate() Function: No
7496  Has run_adding() Function: No
```

```
7496 Environment: Normal or Hard Real-Time
7497 Ports: → "Base" input, control
7498 → "Exponent" input, control
7499 → "Result" output, control
7500
7501 Plugin Name: "Power (AR)"
7502 Plugin Label: "power"
7503 Plugin Unique ID: 4401
7504 Maker: "Thorsten Wilms"
7505 Copyright: "GPL"
7506 Must Run Real-Time: No
7507 Has activate() Function: No
7508 Has deactivate() Function: No
7509 Has run_adding() Function: No
7510 Environment: Normal or Hard Real-Time
7511 Ports: → "Base" input, audio
7512 → "Exponent" input, audio
7513 → "Result" output, audio
7514
7515 [:: preamp.dll ::]
7516
7517 Plugin Name: "valve preamplifier model"
7518 Plugin Label: "preamp"
7519 Plugin Unique ID: 1765
7520 Maker: "Tim Goetze <tim@quitte.de>"
7521 Copyright: "GPL, 2003 <tim@quitte.de>"
7522 Must Run Real-Time: No
7523 Has activate() Function: Yes
7524 Has deactivate() Function: Yes
7525 Has run_adding() Function: Yes
7526 Environment: Normal or Hard Real-Time
7527 Ports: → "in" input, audio, -1 to 1, default 0
7528 → "gain" input, control, 0 to 10, default 1
7529 → "fc" input, control, 20 to 4000, default 440, logarithmic
7530 → "out" output, audio, -1 to 1, default 0
7531
7532 [:: prob_switch_2667.dll ::]
7533
7534 Plugin Name: "Probability Switch (CR Controls)"
7535 Plugin Label: "prob_switch_cr"
7536 Plugin Unique ID: 2667
7537 Maker: "Loki Davison"
7538 Copyright: "GPL"
7539 Must Run Real-Time: No
7540 Has activate() Function: No
7541 Has deactivate() Function: No
7542 Has run_adding() Function: No
7543 Environment: Normal or Hard Real-Time
7544 Ports: → "Input 1" input, audio
7545 → "Input 2" input, audio
7546 → "Probability" input, control, default 1
7547 → "Output" output, audio
```

```
7548
7549 Plugin Name: "Probability Switch (AR Controls)"
7550 Plugin Label: "prob_switch_ar"
7551 Plugin Unique ID: 2668
7552 Maker: "Loki Davison"
7553 Copyright: "GPL"
7554 Must Run Real-Time: No
7555 Has activate() Function: No
7556 Has deactivate() Function: No
7557 Has run_adding() Function: No
7558 Environment: Normal or Hard Real-Time
7559 Ports: → "Input 1" input, audio
7560 → "Input 2" input, audio
7561 → "Probability" input, audio
7562 → "Output" output, audio
7563
7564 [:: product_1668.dll ::]
7565
7566 Plugin Name: "Signal Product (IAIA)"
7567 Plugin Label: "product_iaia_oa"
7568 Plugin Unique ID: 1668
7569 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
7570 Copyright: "GPL"
7571 Must Run Real-Time: No
7572 Has activate() Function: No
7573 Has deactivate() Function: No
7574 Has run_adding() Function: No
7575 Environment: Normal or Hard Real-Time
7576 Ports: → "First Input" input, audio
7577 → "Second Input" input, audio
7578 → "Product Output" output, audio
7579
7580 Plugin Name: "Signal Product (IAIC)"
7581 Plugin Label: "product_iaic_oa"
7582 Plugin Unique ID: 1669
7583 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
7584 Copyright: "GPL"
7585 Must Run Real-Time: No
7586 Has activate() Function: No
7587 Has deactivate() Function: No
7588 Has run_adding() Function: No
7589 Environment: Normal or Hard Real-Time
7590 Ports: → "First Input" input, audio
7591 → "Second Input" input, control
7592 → "Product Output" output, audio
7593
7594 Plugin Name: "Signal Product (ICIC)"
7595 Plugin Label: "product_icic_oc"
7596 Plugin Unique ID: 1670
7597 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
7598 Copyright: "GPL"
7599 Must Run Real-Time: No
```

```
7600 Has activate() Function: No
7601 Has deactivate() Function: No
7602 Has run_adding() Function: No
7603 Environment: Normal or Hard Real-Time
7604 Ports:→"First Input" input, control
7605 →"Second Input" input, control
7606 →"Product Output" output, control
7607
7608 [:: pulse_1645.dll ::]
7609
7610 Plugin Name: "Bandlimited Variable Width Pulse Oscillator (FAPA)"
7611 Plugin Label: "pulse_fapa_oa"
7612 Plugin Unique ID: 1645
7613 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
7614 Copyright: "GPL"
7615 Must Run Real-Time: No
7616 Has activate() Function: Yes
7617 Has deactivate() Function: No
7618 Has run_adding() Function: No
7619 Environment: Normal or Hard Real-Time
7620 Ports:→"Frequency" input, audio, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
7621 →"Pulse Width" input, audio, 0 to 1, default 0.5
7622 →"Output" output, audio
7623
7624 Plugin Name: "Bandlimited Variable Width Pulse Oscillator (FAPC)"
7625 Plugin Label: "pulse_fapc_oa"
7626 Plugin Unique ID: 1646
7627 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
7628 Copyright: "GPL"
7629 Must Run Real-Time: No
7630 Has activate() Function: Yes
7631 Has deactivate() Function: No
7632 Has run_adding() Function: No
7633 Environment: Normal or Hard Real-Time
7634 Ports:→"Frequency" input, audio, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
7635 →"Pulse Width" input, control, 0 to 1, default 0.5
7636 →"Output" output, audio
7637
7638 Plugin Name: "Bandlimited Variable Width Pulse Oscillator (FCPA)"
7639 Plugin Label: "pulse_fcpa_oa"
7640 Plugin Unique ID: 1647
7641 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
7642 Copyright: "GPL"
7643 Must Run Real-Time: No
7644 Has activate() Function: Yes
7645 Has deactivate() Function: No
7646 Has run_adding() Function: No
7647 Environment: Normal or Hard Real-Time
7648 Ports:→"Frequency" input, control, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
```

```
7649 →"Pulse Width" input, audio, 0 to 1, default 0.5
7650 →"Output" output, audio
7651
7652 Plugin Name: "Bandlimited Variable Width Pulse Oscillator (FCPC)"
7653 Plugin Label: "pulse_fcpc_oa"
7654 Plugin Unique ID: 1648
7655 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
7656 Copyright: "GPL"
7657 Must Run Real-Time: No
7658 Has activate() Function: Yes
7659 Has deactivate() Function: No
7660 Has run_adding() Function: No
7661 Environment: Normal or Hard Real-Time
7662 Ports: →"Frequency" input, control, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
7663 →"Pulse Width" input, control, 0 to 1, default 0.5
7664 →"Output" output, audio
7665
7666 [:: pvoc.dll ::]
7667
7668 Plugin Name: "spectral exaggerator"
7669 Plugin Label: "Exaggerate"
7670 Plugin Unique ID: 1791
7671 Maker: "Richard Dobson, Trevor Wishart, Tim Goetze <tim@quitte.de>"
7672 Copyright: "GPL, 1981-2004"
7673 Must Run Real-Time: No
7674 Has activate() Function: Yes
7675 Has deactivate() Function: No
7676 Has run_adding() Function: Yes
7677 Environment: Normal or Hard Real-Time
7678 Ports: →"in" input, audio
7679 →"amount" input, control, -1 to 10, default 1
7680 →"out" output, audio
7681
7682 Plugin Name: "phase-vocoder based pitch shifter"
7683 Plugin Label: "Transpose"
7684 Plugin Unique ID: 1792
7685 Maker: "Richard Dobson, Trevor Wishart, Tim Goetze <tim@quitte.de>"
7686 Copyright: "GPL, 1981-2004"
7687 Must Run Real-Time: No
7688 Has activate() Function: Yes
7689 Has deactivate() Function: No
7690 Has run_adding() Function: Yes
7691 Environment: Normal or Hard Real-Time
7692 Ports: →"in" input, audio
7693 →"transpose" input, control, -24 to 24, default 0
7694 →"out" output, audio
7695
7696 Plugin Name: "spectral accumulator"
7697 Plugin Label: "Accumulate"
7698 Plugin Unique ID: 1793
7699 Maker: "Richard Dobson, Trevor Wishart, Tim Goetze <tim@quitte.de>"
```

```
7700 Copyright: "GPL, 1981-2004"
7701 Must Run Real-Time: No
7702 Has activate() Function: Yes
7703 Has deactivate() Function: No
7704 Has run_adding() Function: Yes
7705 Environment: Normal or Hard Real-Time
7706 Ports: → "in" input, audio
7707 → "glissando" input, control, -1 to 1, default 0
7708 → "decay" input, control, 0 to 1, default 0.25
7709 → "out" output, audio
```

7710

7711 [:: quadecho.dll ::]

7712

```
7713 Plugin Name: "quadecho"
7714 Plugin Label: "quadecho"
7715 Plugin Unique ID: 784
7716 Maker: "undefined"
7717 Copyright: "undefined"
7718 Must Run Real-Time: No
7719 Has activate() Function: Yes
7720 Has deactivate() Function: Yes
7721 Has run_adding() Function: No
7722 Environment: Normal or Hard Real-Time
7723 Ports: → "input00" input, audio
7724 → "input01" input, audio
7725 → "input02" input, audio
7726 → "input03" input, audio
7727 → "output00" output, audio
7728 → "output01" output, audio
7729 → "output02" output, audio
7730 → "output03" output, audio
7731 → "echo100-feedback" input, control, 0 to 100
7732 → "echo100-millisecond" input, control, 0 to 1000
```

7733

7734 [:: quantiser100_2029.dll ::]

7735

```
7736 Plugin Name: "Quantiser (100 Steps)"
7737 Plugin Label: "quantiser100"
7738 Plugin Unique ID: 2029
7739 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
7740 Copyright: "GPL"
7741 Must Run Real-Time: No
7742 Has activate() Function: No
7743 Has deactivate() Function: No
7744 Has run_adding() Function: No
7745 Environment: Normal or Hard Real-Time
7746 Ports: → "Quantise Range Minimum" input, control
7747 → "Quantise Range Maximum" input, control
7748 → "Match Range" input, control, 0 to ..., default 0
7749 → "Mode (0 = Extend, 1 = Wrap, 2 = Clip)" input, control, 0 to 2, default
0, integer
7750 → "Steps (1 - 100)" input, control, 1 to 100, default 100, integer
```

7751 →"Value 0" input, control
7752 →"Value 1" input, control
7753 →"Value 2" input, control
7754 →"Value 3" input, control
7755 →"Value 4" input, control
7756 →"Value 5" input, control
7757 →"Value 6" input, control
7758 →"Value 7" input, control
7759 →"Value 8" input, control
7760 →"Value 9" input, control
7761 →"Value 10" input, control
7762 →"Value 11" input, control
7763 →"Value 12" input, control
7764 →"Value 13" input, control
7765 →"Value 14" input, control
7766 →"Value 15" input, control
7767 →"Value 16" input, control
7768 →"Value 17" input, control
7769 →"Value 18" input, control
7770 →"Value 19" input, control
7771 →"Value 20" input, control
7772 →"Value 21" input, control
7773 →"Value 22" input, control
7774 →"Value 23" input, control
7775 →"Value 24" input, control
7776 →"Value 25" input, control
7777 →"Value 26" input, control
7778 →"Value 27" input, control
7779 →"Value 28" input, control
7780 →"Value 29" input, control
7781 →"Value 30" input, control
7782 →"Value 31" input, control
7783 →"Value 32" input, control
7784 →"Value 33" input, control
7785 →"Value 34" input, control
7786 →"Value 35" input, control
7787 →"Value 36" input, control
7788 →"Value 37" input, control
7789 →"Value 38" input, control
7790 →"Value 39" input, control
7791 →"Value 40" input, control
7792 →"Value 41" input, control
7793 →"Value 42" input, control
7794 →"Value 43" input, control
7795 →"Value 44" input, control
7796 →"Value 45" input, control
7797 →"Value 46" input, control
7798 →"Value 47" input, control
7799 →"Value 48" input, control
7800 →"Value 49" input, control
7801 →"Value 50" input, control
7802 →"Value 51" input, control

7803 →"Value 52" input, control
7804 →"Value 53" input, control
7805 →"Value 54" input, control
7806 →"Value 55" input, control
7807 →"Value 56" input, control
7808 →"Value 57" input, control
7809 →"Value 58" input, control
7810 →"Value 59" input, control
7811 →"Value 60" input, control
7812 →"Value 61" input, control
7813 →"Value 62" input, control
7814 →"Value 63" input, control
7815 →"Value 64" input, control
7816 →"Value 65" input, control
7817 →"Value 66" input, control
7818 →"Value 67" input, control
7819 →"Value 68" input, control
7820 →"Value 69" input, control
7821 →"Value 70" input, control
7822 →"Value 71" input, control
7823 →"Value 72" input, control
7824 →"Value 73" input, control
7825 →"Value 74" input, control
7826 →"Value 75" input, control
7827 →"Value 76" input, control
7828 →"Value 77" input, control
7829 →"Value 78" input, control
7830 →"Value 79" input, control
7831 →"Value 80" input, control
7832 →"Value 81" input, control
7833 →"Value 82" input, control
7834 →"Value 83" input, control
7835 →"Value 84" input, control
7836 →"Value 85" input, control
7837 →"Value 86" input, control
7838 →"Value 87" input, control
7839 →"Value 88" input, control
7840 →"Value 89" input, control
7841 →"Value 90" input, control
7842 →"Value 91" input, control
7843 →"Value 92" input, control
7844 →"Value 93" input, control
7845 →"Value 94" input, control
7846 →"Value 95" input, control
7847 →"Value 96" input, control
7848 →"Value 97" input, control
7849 →"Value 98" input, control
7850 →"Value 99" input, control
7851 →"Input" input, audio
7852 →"Quantised Output" output, audio
7853 →"Output Changed" output, audio
7854

```
7855 [:: quantiser20_2027.dll ::]
7856
7857 Plugin Name: "Quantiser (20 Steps)"
7858 Plugin Label: "quantiser20"
7859 Plugin Unique ID: 2027
7860 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
7861 Copyright: "GPL"
7862 Must Run Real-Time: No
7863 Has activate() Function: No
7864 Has deactivate() Function: No
7865 Has run_adding() Function: No
7866 Environment: Normal or Hard Real-Time
7867 Ports: → "Quantise Range Minimum" input, control
7868 → "Quantise Range Maximum" input, control
7869 → "Match Range" input, control, 0 to ..., default 0
7870 → "Mode (0 = Extend, 1 = Wrap, 2 = Clip)" input, control, 0 to 2, default
7871 0, integer
7872 → "Steps (1 - 20)" input, control, 1 to 20, default 20, integer
7873 → "Value 0" input, control
7874 → "Value 1" input, control
7875 → "Value 2" input, control
7876 → "Value 3" input, control
7877 → "Value 4" input, control
7878 → "Value 5" input, control
7879 → "Value 6" input, control
7880 → "Value 7" input, control
7881 → "Value 8" input, control
7882 → "Value 9" input, control
7883 → "Value 10" input, control
7884 → "Value 11" input, control
7885 → "Value 12" input, control
7886 → "Value 13" input, control
7887 → "Value 14" input, control
7888 → "Value 15" input, control
7889 → "Value 16" input, control
7890 → "Value 17" input, control
7891 → "Value 18" input, control
7892 → "Value 19" input, control
7893 → "Input" input, audio
7894 → "Quantised Output" output, audio
7895 → "Output Changed" output, audio
7896 [:: quantiser50_2028.dll ::]
7897
7898 Plugin Name: "Quantiser (50 Steps)"
7899 Plugin Label: "quantiser50"
7900 Plugin Unique ID: 2028
7901 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
7902 Copyright: "GPL"
7903 Must Run Real-Time: No
7904 Has activate() Function: No
7905 Has deactivate() Function: No
```

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7906 Has_run_adding() Function: No
7907 Environment: Normal or Hard Real-Time
7908 Ports:→"Quantise Range Minimum" input, control
7909 →"Quantise Range Maximum" input, control
7910 →"Match Range" input, control, 0 to ..., default 0
7911 →"Mode (0 = Extend, 1 = Wrap, 2 = Clip)" input, control, 0 to 2, default
0, integer
7912 →"Steps (1 - 50)" input, control, 1 to 50, default 50, integer
7913 →"Value 0" input, control
7914 →"Value 1" input, control
7915 →"Value 2" input, control
7916 →"Value 3" input, control
7917 →"Value 4" input, control
7918 →"Value 5" input, control
7919 →"Value 6" input, control
7920 →"Value 7" input, control
7921 →"Value 8" input, control
7922 →"Value 9" input, control
7923 →"Value 10" input, control
7924 →"Value 11" input, control
7925 →"Value 12" input, control
7926 →"Value 13" input, control
7927 →"Value 14" input, control
7928 →"Value 15" input, control
7929 →"Value 16" input, control
7930 →"Value 17" input, control
7931 →"Value 18" input, control
7932 →"Value 19" input, control
7933 →"Value 20" input, control
7934 →"Value 21" input, control
7935 →"Value 22" input, control
7936 →"Value 23" input, control
7937 →"Value 24" input, control
7938 →"Value 25" input, control
7939 →"Value 26" input, control
7940 →"Value 27" input, control
7941 →"Value 28" input, control
7942 →"Value 29" input, control
7943 →"Value 30" input, control
7944 →"Value 31" input, control
7945 →"Value 32" input, control
7946 →"Value 33" input, control
7947 →"Value 34" input, control
7948 →"Value 35" input, control
7949 →"Value 36" input, control
7950 →"Value 37" input, control
7951 →"Value 38" input, control
7952 →"Value 39" input, control
7953 →"Value 40" input, control
7954 →"Value 41" input, control
7955 →"Value 42" input, control
7956 →"Value 43" input, control
```

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7957 →"Value 44" input, control
7958 →"Value 45" input, control
7959 →"Value 46" input, control
7960 →"Value 47" input, control
7961 →"Value 48" input, control
7962 →"Value 49" input, control
7963 →"Input" input, audio
7964 →"Quantised Output" output, audio
7965 →"Output Changed" output, audio
7966
7967 [:: random_1661.dll ::]
7968
7969 Plugin Name: "Random Wave Generator (FASA)"
7970 Plugin Label: "random_fasa_oa"
7971 Plugin Unique ID: 1661
7972 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
7973 Copyright: "GPL"
7974 Must Run Real-Time: No
7975 Has activate() Function: Yes
7976 Has deactivate() Function: No
7977 Has run_adding() Function: No
7978 Environment: Normal or Hard Real-Time
7979 Ports: →"Frequency (Hz)" input, audio, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
7980 →"Wave Smoothness" input, audio, 0 to 1, default 1
7981 →"Output" output, audio
7982
7983 Plugin Name: "Random Wave Generator (FASC)"
7984 Plugin Label: "random_fasc_oa"
7985 Plugin Unique ID: 1662
7986 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
7987 Copyright: "GPL"
7988 Must Run Real-Time: No
7989 Has activate() Function: Yes
7990 Has deactivate() Function: No
7991 Has run_adding() Function: No
7992 Environment: Normal or Hard Real-Time
7993 Ports: →"Frequency (Hz)" input, audio, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
7994 →"Wave Smoothness" input, control, 0 to 1, default 1
7995 →"Output" output, audio
7996
7997 Plugin Name: "Random Wave Generator (FCSA)"
7998 Plugin Label: "random_fcsa_oa"
7999 Plugin Unique ID: 1663
8000 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
8001 Copyright: "GPL"
8002 Must Run Real-Time: No
8003 Has activate() Function: Yes
8004 Has deactivate() Function: No
8005 Has run_adding() Function: No
8006 Environment: Normal or Hard Real-Time
```

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8007 Ports:→"Frequency (Hz)" input, control, 2.08333e-005*srate to 0.5*srate,
      default 440, logarithmic
8008 →"Wave Smoothness" input, audio, 0 to 1, default 1
8009 →"Output" output, audio
8010
8011 Plugin Name: "Random Wave Generator (FCSC)"
8012 Plugin Label: "random_fcsc_oa"
8013 Plugin Unique ID: 1664
8014 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
8015 Copyright: "GPL"
8016 Must Run Real-Time: No
8017 Has activate() Function: Yes
8018 Has deactivate() Function: No
8019 Has run_adding() Function: No
8020 Environment: Normal or Hard Real-Time
8021 Ports:→"Frequency (Hz)" input, control, 2.08333e-005*srate to 0.5*srate,
      default 440, logarithmic
8022 →"Wave Smoothness" input, control, 0 to 1, default 1
8023 →"Output" output, audio
8024
8025 [:: range_trans_4210.dll ::]
8026
8027 Plugin Name: "Range Translator (CR Controls)"
8028 Plugin Label: "range_trans_cr"
8029 Plugin Unique ID: 4210
8030 Maker: "Dave Robillard"
8031 Copyright: "GPL"
8032 Must Run Real-Time: No
8033 Has activate() Function: No
8034 Has deactivate() Function: No
8035 Has run_adding() Function: No
8036 Environment: Normal or Hard Real-Time
8037 Ports:→"Input Min" input, control, default 0
8038 →"Input Max" input, control, default 1
8039 →"Output Min" input, control, default 0
8040 →"Output Max" input, control, default 1
8041 →"Input" input, audio
8042 →"Output" output, audio
8043
8044 Plugin Name: "Range Translator (AR Controls)"
8045 Plugin Label: "range_trans_ar"
8046 Plugin Unique ID: 4211
8047 Maker: "Dave Robillard"
8048 Copyright: "GPL"
8049 Must Run Real-Time: No
8050 Has activate() Function: No
8051 Has deactivate() Function: No
8052 Has run_adding() Function: No
8053 Environment: Normal or Hard Real-Time
8054 Ports:→"Input Min" input, audio
8055 →"Input Max" input, audio
8056 →"Output Min" input, audio
```

```
8057 →"Output Max" input, audio
8058 →"Input" input, audio
8059 →"Output" output, audio
8060
8061 [:: rate_shifter_1417.dll ::]
8062
8063 Plugin Name: "Rate shifter"
8064 Plugin Label: "rateShifter"
8065 Plugin Unique ID: 1417
8066 Maker: "Steve Harris <steve@plugin.org.uk>"
8067 Copyright: "GPL"
8068 Must Run Real-Time: No
8069 Has activate() Function: Yes
8070 Has deactivate() Function: No
8071 Has run_adding() Function: Yes
8072 Environment: Normal or Hard Real-Time
8073 Ports: →"Rate" input, control, -4 to 4, default 1
8074 →"Input" input, audio
8075 →"Output" output, audio
8076
8077 [:: ratio_2034.dll ::]
8078
8079 Plugin Name: "Signal Ratio (NADA)"
8080 Plugin Label: "ratio_nada_oa"
8081 Plugin Unique ID: 2034
8082 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
8083 Copyright: "GPL"
8084 Must Run Real-Time: No
8085 Has activate() Function: No
8086 Has deactivate() Function: No
8087 Has run_adding() Function: No
8088 Environment: Normal or Hard Real-Time
8089 Ports: →"Numerator" input, audio
8090 →"Denominator" input, audio
8091 →"Ratio Output" output, audio
8092
8093 Plugin Name: "Signal Ratio (NADC)"
8094 Plugin Label: "ratio_nadc_oa"
8095 Plugin Unique ID: 2035
8096 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
8097 Copyright: "GPL"
8098 Must Run Real-Time: No
8099 Has activate() Function: No
8100 Has deactivate() Function: No
8101 Has run_adding() Function: No
8102 Environment: Normal or Hard Real-Time
8103 Ports: →"Numerator" input, audio
8104 →"Denominator" input, control
8105 →"Ratio Output" output, audio
8106
8107 Plugin Name: "Signal Ratio (NCDA)"
8108 Plugin Label: "ratio_ncda_oa"
```

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8109 Plugin Unique ID: 2036
8110 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
8111 Copyright: "GPL"
8112 Must Run Real-Time: No
8113 Has activate() Function: No
8114 Has deactivate() Function: No
8115 Has run_adding() Function: No
8116 Environment: Normal or Hard Real-Time
8117 Ports: → "Numerator" input, control
8118 → "Denominator" input, audio
8119 → "Ratio Output" output, audio
8120
8121 Plugin Name: "Signal Ratio (NCDC)"
8122 Plugin Label: "ratio_ncdc_oc"
8123 Plugin Unique ID: 2037
8124 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
8125 Copyright: "GPL"
8126 Must Run Real-Time: No
8127 Has activate() Function: No
8128 Has deactivate() Function: No
8129 Has run_adding() Function: No
8130 Environment: Normal or Hard Real-Time
8131 Ports: → "Numerator" input, control
8132 → "Denominator" input, control
8133 → "Ratio Output" output, control
8134
8135 [:: retro_flange_1208.dll ::]
8136
8137 Plugin Name: "Retro Flanger"
8138 Plugin Label: "retroFlange"
8139 Plugin Unique ID: 1208
8140 Maker: "Steve Harris <steve@plugin.org.uk>"
8141 Copyright: "GPL"
8142 Must Run Real-Time: No
8143 Has activate() Function: Yes
8144 Has deactivate() Function: No
8145 Has run_adding() Function: Yes
8146 Environment: Normal or Hard Real-Time
8147 Ports: → "Average stall (ms)" input, control, 0 to 10, default 2.5
8148 → "Flange frequency (Hz)" input, control, 0.5 to 8, default 1
8149 → "Input" input, audio
8150 → "Output" output, audio
8151
8152 [:: revdelay_1605.dll ::]
8153
8154 Plugin Name: "Reverse Delay (5s max)"
8155 Plugin Label: "revdelay"
8156 Plugin Unique ID: 1605
8157 Maker: "Jesse Chappell <jesse@essey.net>"
8158 Copyright: "GPL"
8159 Must Run Real-Time: No
8160 Has activate() Function: Yes
```

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8161 Has deactivate() Function: No
8162 Has run_adding() Function: Yes
8163 Environment: Normal or Hard Real-Time
8164 Ports:→"Input" input, audio
8165 →"Output" output, audio
8166 →"Delay Time (s)" input, control, 0 to 5, default 0
8167 →"Dry Level (dB)" input, control, -70 to 0, default 0
8168 →"Wet Level (dB)" input, control, -70 to 0, default 0
8169 →"Feedback" input, control, 0 to 1, default 0
8170 →"Crossfade samples" input, control, 0 to 5000, default 1250, integer
8171
8172 [:: reverb_designer.dll ::]
8173
8174 Plugin Name: "reverb_designer"
8175 Plugin Label: "reverb_designer"
8176 Plugin Unique ID: 4294966355
8177 Maker: "undefined"
8178 Copyright: "undefined"
8179 Must Run Real-Time: No
8180 Has activate() Function: Yes
8181 Has deactivate() Function: Yes
8182 Has run_adding() Function: No
8183 Environment: Normal or Hard Real-Time
8184 Ports:→"input00" input, audio
8185 →"input01" input, audio
8186 →"output00" output, audio
8187 →"output01" output, audio
8188 →
8189 "feedbackdelaynetworkreverberatororder16-bandcrossoverfrequencies-band0upper
redgeinhz" input, control, 100 to 10000
8190 →
8191 "feedbackdelaynetworkreverberatororder16-bandcrossoverfrequencies-band1upper
redgeinhz" input, control, 100 to 10000
8192 →
8193 "feedbackdelaynetworkreverberatororder16-bandcrossoverfrequencies-band2upper
redgeinhz" input, control, 100 to 10000
8194 →
8195 "feedbackdelaynetworkreverberatororder16-bandcrossoverfrequencies-band3upper
redgeinhz" input, control, 100 to 10000
8196 →"feedbackdelaynetworkreverberatororder16-banddecaytimes-0" input,
control, 0.1 to 10
8197 →"feedbackdelaynetworkreverberatororder16-banddecaytimes-1" input,
control, 0.1 to 10
8198 →"feedbackdelaynetworkreverberatororder16-banddecaytimes-2" input,
control, 0.1 to 10
8199 →"feedbackdelaynetworkreverberatororder16-banddecaytimes-3" input,
control, 0.1 to 10
8200 →"feedbackdelaynetworkreverberatororder16-banddecaytimes-4" input,
control, 0.1 to 10
8201 →
8202 "feedbackdelaynetworkreverberatororder16-roomdimensions-minacousticraylength"
input, control, 0.1 to 63

```

```

8198   →
      "feedbackdelaynetworkreverberatororder16-roomdimensions-maxacousticcraylength" input, control, 0.1 to 63
8199   →
      "feedbackdelaynetworkreverberatororder16-inputcontrols-inputconfig-muteextinputs" input, control, toggled
8200   →
      "feedbackdelaynetworkreverberatororder16-inputcontrols-inputconfig-pinknoise" input, control, toggled
8201   →
      "feedbackdelaynetworkreverberatororder16-inputcontrols-impulselection-left" input, control, toggled
8202   →
      "feedbackdelaynetworkreverberatororder16-inputcontrols-impulselection-center" input, control, toggled
8203   →
      "feedbackdelaynetworkreverberatororder16-inputcontrols-impulselection-right" input, control, toggled
8204   →
      "feedbackdelaynetworkreverberatororder16-inputcontrols-reverbstate-quench" input, control, toggled
8205   → "outputlevel" input, control, -70 to 20
8206
8207   [:: reverb_tester.dll ::]
8208
8209   Plugin Name: "reverb_tester"
8210   Plugin Label: "reverb_tester"
8211   Plugin Unique ID: 4294966419
8212   Maker: "undefined"
8213   Copyright: "undefined"
8214   Must Run Real-Time: No
8215   Has activate() Function: Yes
8216   Has deactivate() Function: Yes
8217   Has run_adding() Function: No
8218   Environment: Normal or Hard Real-Time
8219   Ports: → "input00" input, audio
8220   → "input01" input, audio
8221   → "output00" output, audio
8222   → "output01" output, audio
8223   → "inputconfig-muteextinputs" input, control, toggled
8224   → "inputconfig-pinknoise" input, control, toggled
8225   → "impulselection-left" input, control, toggled
8226   → "impulselection-center" input, control, toggled
8227   → "impulselection-right" input, control, toggled
8228
8229   [:: ringmod_1188.dll ::]
8230
8231   Plugin Name: "Ringmod with two inputs"
8232   Plugin Label: "ringmod_2i1o"
8233   Plugin Unique ID: 1188
8234   Maker: "Steve Harris <steve@plugin.org.uk>"
8235   Copyright: "GPL"

```

```
8236 Must Run Real-Time: No
8237 Has activate() Function: No
8238 Has deactivate() Function: No
8239 Has run_adding() Function: Yes
8240 Environment: Normal or Hard Real-Time
8241 Ports:→"Modulation depth (0=none, 1=AM, 2=RM)" input, control, 0 to 2,
default 0
8242 →"Input" input, audio
8243 →"Modulator" input, audio, -1 to 1, default 0
8244 →"Output" output, audio
8245
8246 Plugin Name: "Ringmod with LFO"
8247 Plugin Label: "ringmod_1i1o1l"
8248 Plugin Unique ID: 1189
8249 Maker: "Steve Harris <steve@plugin.org.uk>"
8250 Copyright: "GPL"
8251 Must Run Real-Time: No
8252 Has activate() Function: Yes
8253 Has deactivate() Function: No
8254 Has run_adding() Function: Yes
8255 Environment: Normal or Hard Real-Time
8256 Ports:→"Modulation depth (0=none, 1=AM, 2=RM)" input, control, 0 to 2,
default 0
8257 →"Frequency (Hz)" input, control, 1 to 1000, default 440
8258 →"Sine level" input, control, -1 to 1, default 1
8259 →"Triangle level" input, control, -1 to 1, default 0
8260 →"Sawtooth level" input, control, -1 to 1, default 0
8261 →"Square level" input, control, -1 to 1, default 0
8262 →"Input" input, audio
8263 →"Output" output, audio
8264
8265 [:: risset_1924.dll ::]
8266
8267 Plugin Name: "Continuous Risset Scales"
8268 Plugin Label: "rissetScales"
8269 Plugin Unique ID: 1924
8270 Maker: "Nick Lamb <njl195@zepler.org.uk>"
8271 Copyright: "GPL 2002-2005"
8272 Must Run Real-Time: No
8273 Has activate() Function: Yes
8274 Has deactivate() Function: No
8275 Has run_adding() Function: No
8276 Environment: Normal or Hard Real-Time
8277 Ports:→"Output" output, audio
8278 →"Gain (dB)" input, control, -90 to 6, default 0
8279 →"Core Frequency (Hz)" input, control, 0.002*srate to 0.05*srate,
default 0.026*srate
8280 →"Speed" input, control, -6 to 12, default 7.5
8281
8282 [:: sample_and_hold_4430.dll ::]
8283
8284 Plugin Name: "Sample and Hold (CR Threshold)"
```

```
8285 Plugin Label: "sh_cr"
8286 Plugin Unique ID: 4430
8287 Maker: "Thorsten Wilms"
8288 Copyright: "GPL"
8289 Must Run Real-Time: No
8290 Has activate() Function: Yes
8291 Has deactivate() Function: No
8292 Has run_adding() Function: No
8293 Environment: Normal or Hard Real-Time
8294 Ports: → "Input" input, audio
8295 → "Trigger" input, audio
8296 → "Threshold" input, control
8297 → "Continuous Triggering" input, control, toggled
8298 → "Output" output, audio
8299
8300 Plugin Name: "Sample and Hold (AR Threshold)"
8301 Plugin Label: "sh_ar"
8302 Plugin Unique ID: 4431
8303 Maker: "Thorsten Wilms"
8304 Copyright: "GPL"
8305 Must Run Real-Time: No
8306 Has activate() Function: Yes
8307 Has deactivate() Function: No
8308 Has run_adding() Function: No
8309 Environment: Normal or Hard Real-Time
8310 Ports: → "Input" input, audio
8311 → "Trigger" input, audio
8312 → "Threshold" input, audio
8313 → "Continuous Triggering" input, control, toggled
8314 → "Output" output, audio
8315
8316 [:: satan_maximiser_1408.dll ::]
8317
8318 Plugin Name: "Barry's Satan Maximiser"
8319 Plugin Label: "satanMaximiser"
8320 Plugin Unique ID: 1408
8321 Maker: "Steve Harris <steve@plugin.org.uk>"
8322 Copyright: "GPL"
8323 Must Run Real-Time: No
8324 Has activate() Function: Yes
8325 Has deactivate() Function: No
8326 Has run_adding() Function: Yes
8327 Environment: Normal or Hard Real-Time
8328 Ports: → "Decay time (samples)" input, control, 2 to 30, default 30
8329 → "Knee point (dB)" input, control, -90 to 0, default 0
8330 → "Input" input, audio
8331 → "Output" output, audio
8332
8333 [:: sawtooth_1641.dll ::]
8334
8335 Plugin Name: "Bandlimited Sawtooth Oscillator (FA)"
8336 Plugin Label: "sawtooth_fa_oa"
```

```
8337 Plugin Unique ID: 1641
8338 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
8339 Copyright: "GPL"
8340 Must Run Real-Time: No
8341 Has activate() Function: Yes
8342 Has deactivate() Function: No
8343 Has run_adding() Function: No
8344 Environment: Normal or Hard Real-Time
8345 Ports: →"Frequency" input, audio, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
8346 →"Output" output, audio
8347
8348 Plugin Name: "Bandlimited Sawtooth Oscillator (FC)"
8349 Plugin Label: "sawtooth_fc_0a"
8350 Plugin Unique ID: 1642
8351 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
8352 Copyright: "GPL"
8353 Must Run Real-Time: No
8354 Has activate() Function: Yes
8355 Has deactivate() Function: No
8356 Has run_adding() Function: No
8357 Environment: Normal or Hard Real-Time
8358 Ports: →"Frequency" input, control, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
8359 →"Output" output, audio
8360
8361 [:: saxophony.dll ::]
8362
8363 Plugin Name: "saxophony"
8364 Plugin Label: "saxophony"
8365 Plugin Unique ID: 674
8366 Maker: "undefined"
8367 Copyright: "undefined"
8368 Must Run Real-Time: No
8369 Has activate() Function: Yes
8370 Has deactivate() Function: Yes
8371 Has run_adding() Function: No
8372 Environment: Normal or Hard Real-Time
8373 Ports: →"output00" output, audio
8374 →"output01" output, audio
8375 →"basicparameters-freq" input, control, 20 to 20000
8376 →"basicparameters-gain" input, control, 0 to 1
8377 →"basicparameters-gate" input, control, toggled
8378 →"envelopesandvibrato-envelopeparameters-envelopeattack" input, control,
0 to 2
8379 →"envelopesandvibrato-envelopeparameters-enveloperelease" input,
control, 0 to 2
8380 →"envelopesandvibrato-vibratoparameters-vibratofreq" input, control, 1
to 15
8381 →"envelopesandvibrato-vibratoparameters-vibratogain" input, control, 0
to 1
8382 →"physicalandnonlinearity-nonlinearfilterparameters-modulationfrequency"
```

```

input, control, 20 to 1000
8383  →"physicalandnonlinearity-nonlinearfilterparameters-modulationtype"
input, control, 0 to 4
8384  →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearity" input,
control, 0 to 1
8385  →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearityattack"
input, control, 0 to 2
8386  →"physicalandnonlinearity-physicalparameters-blowposition" input,
control, 0 to 1
8387  →"physicalandnonlinearity-physicalparameters-noisegain" input, control,
0 to 1
8388  →"physicalandnonlinearity-physicalparameters-pressure" input, control, 0
to 1
8389  →"physicalandnonlinearity-physicalparameters-reedstiffness" input,
control, 0 to 1
8390  →"reverb-reverbgain" input, control, 0 to 1
8391  →"reverb-roomsize" input, control, 0.01 to 2
8392  →"spat-panangle" input, control, 0 to 1
8393  →"spat-spatialwidth" input, control, 0 to 1
8394
8395  [:: sb_adt.dll ::]
8396
8397  Plugin Name: "ADT (Artificial Double Tracking)"
8398  Plugin Label: "ADT"
8399  Plugin Unique ID: 4305
8400  Maker: "Tyler Hayes (tgh@pdx.edu)"
8401  Copyright: "GPL"
8402  Must Run Real-Time: No
8403  Has activate() Function: Yes
8404  Has deactivate() Function: No
8405  Has run_adding() Function: No
8406  Environment: Normal or Hard Real-Time
8407  Ports: →"Input Left Channel" input, audio
8408  →"Input Right Channel" input, audio
8409  →"Output Left Channel" output, audio
8410  →"Output Right Channel" output, audio
8411  →"Right channel offset (in milliseconds)" input, control, 5 to 200,
default 53.75, integer
8412
8413  [:: sb_esrever.dll ::]
8414
8415  Plugin Name: "esrever (Random Reversal)"
8416  Plugin Label: "esrever"
8417  Plugin Unique ID: 4302
8418  Maker: "Tyler Hayes (tgh@pdx.edu)"
8419  Copyright: "GPL"
8420  Must Run Real-Time: No
8421  Has activate() Function: No
8422  Has deactivate() Function: No
8423  Has run_adding() Function: No
8424  Environment: Normal or Hard Real-Time
8425  Ports: →"Input" input, audio

```

```
8426 →"Output" output, audio
8427
8428 [:: sb_kite.dll ::]
8429
8430 Plugin Name: "Kite"
8431 Plugin Label: "Kite"
8432 Plugin Unique ID: 4304
8433 Maker: "Tyler Hayes (tgh@pdx.edu)"
8434 Copyright: "GPL"
8435 Must Run Real-Time: No
8436 Has activate() Function: No
8437 Has deactivate() Function: No
8438 Has run_adding() Function: No
8439 Environment: Normal or Hard Real-Time
8440 Ports: →"Input Left Channel" input, audio
8441 →"Input Right Channel" input, audio
8442 →"Output Left Channel" output, audio
8443 →"Output Right Channel" output, audio
8444
8445 [:: sb_revolution.dll ::]
8446
8447 Plugin Name: "Revolution"
8448 Plugin Label: "Revolution_Distortion"
8449 Plugin Unique ID: 4301
8450 Maker: "Tyler Hayes (tgh@pdx.edu)"
8451 Copyright: "GPL"
8452 Must Run Real-Time: No
8453 Has activate() Function: No
8454 Has deactivate() Function: No
8455 Has run_adding() Function: No
8456 Environment: Normal or Hard Real-Time
8457 Ports: →"Input" input, audio
8458 →"Output" output, audio
8459
8460 [:: sb_ringer.dll ::]
8461
8462 Plugin Name: "Ringer"
8463 Plugin Label: "Ringer"
8464 Plugin Unique ID: 4303
8465 Maker: "Tyler Hayes (tgh@pdx.edu)"
8466 Copyright: "GPL"
8467 Must Run Real-Time: No
8468 Has activate() Function: No
8469 Has deactivate() Function: No
8470 Has run_adding() Function: No
8471 Environment: Normal or Hard Real-Time
8472 Ports: →"Copies (samples)" input, control, 5 to 200, default 53.75, integer
8473 →"Input" input, audio
8474 →"Output" output, audio
8475
8476 [:: sc1_1425.dll ::]
8477
```

```
8478 Plugin Name: "SC1"
8479 Plugin Label: "sc1"
8480 Plugin Unique ID: 1425
8481 Maker: "Steve Harris <steve@plugin.org.uk>"
8482 Copyright: "GPL"
8483 Must Run Real-Time: No
8484 Has activate() Function: No
8485 Has deactivate() Function: No
8486 Has run_adding() Function: Yes
8487 Environment: Normal or Hard Real-Time
8488 Ports: → "Attack time (ms)" input, control, 2 to 400, default 101.5
8489 → "Release time (ms)" input, control, 2 to 800, default 401
8490 → "Threshold level (dB)" input, control, -30 to 0, default 0
8491 → "Ratio (1:n)" input, control, 1 to 10, default 1
8492 → "Knee radius (dB)" input, control, 1 to 10, default 3.25
8493 → "Makeup gain (dB)" input, control, 0 to 24, default 0
8494 → "Input" input, audio
8495 → "Output" output, audio
```

```
8496
8497 [:: sc2_1426.dll ::]
```

```
8498
8499 Plugin Name: "SC2"
8500 Plugin Label: "sc2"
8501 Plugin Unique ID: 1426
8502 Maker: "Steve Harris <steve@plugin.org.uk>"
8503 Copyright: "GPL"
8504 Must Run Real-Time: No
8505 Has activate() Function: No
8506 Has deactivate() Function: No
8507 Has run_adding() Function: Yes
8508 Environment: Normal or Hard Real-Time
8509 Ports: → "Attack time (ms)" input, control, 2 to 400, default 101.5
8510 → "Release time (ms)" input, control, 2 to 800, default 401
8511 → "Threshold level (dB)" input, control, -30 to 0, default 0
8512 → "Ratio (1:n)" input, control, 1 to 10, default 1
8513 → "Knee radius (dB)" input, control, 1 to 10, default 3.25
8514 → "Makeup gain (dB)" input, control, 0 to 24, default 0
8515 → "Sidechain" input, audio
8516 → "Input" input, audio
8517 → "Output" output, audio
```

```
8518
8519 [:: sc3_1427.dll ::]
```

```
8520
8521 Plugin Name: "SC3"
8522 Plugin Label: "sc3"
8523 Plugin Unique ID: 1427
8524 Maker: "Steve Harris <steve@plugin.org.uk>"
8525 Copyright: "GPL"
8526 Must Run Real-Time: No
8527 Has activate() Function: No
8528 Has deactivate() Function: No
8529 Has run_adding() Function: Yes
```

```
8530 Environment: Normal or Hard Real-Time
8531 Ports:→"Attack time (ms)" input, control, 2 to 400, default 101.5
8532 →"Release time (ms)" input, control, 2 to 800, default 401
8533 →"Threshold level (dB)" input, control, -30 to 0, default 0
8534 →"Ratio (1:n)" input, control, 1 to 10, default 1
8535 →"Knee radius (dB)" input, control, 1 to 10, default 3.25
8536 →"Makeup gain (dB)" input, control, 0 to 24, default 0
8537 →"Chain balance" input, control, 0 to 1, default 0
8538 →"Sidechain" input, audio
8539 →"Left input" input, audio
8540 →"Right input" input, audio
8541 →"Left output" output, audio
8542 →"Right output" output, audio
8543
8544 [:: sc4m_1916.dll ::]
8545
8546 Plugin Name: "SC4 mono"
8547 Plugin Label: "sc4m"
8548 Plugin Unique ID: 1916
8549 Maker: "Steve Harris <steve@plugin.org.uk>"
8550 Copyright: "GPL"
8551 Must Run Real-Time: No
8552 Has activate() Function: No
8553 Has deactivate() Function: No
8554 Has run_adding() Function: Yes
8555 Environment: Normal or Hard Real-Time
8556 Ports:→"RMS/peak" input, control, 0 to 1, default 0
8557 →"Attack time (ms)" input, control, 1.5 to 400, default 101.125
8558 →"Release time (ms)" input, control, 2 to 800, default 401
8559 →"Threshold level (dB)" input, control, -30 to 0, default 0
8560 →"Ratio (1:n)" input, control, 1 to 20, default 1
8561 →"Knee radius (dB)" input, control, 1 to 10, default 3.25
8562 →"Makeup gain (dB)" input, control, 0 to 24, default 0
8563 →"Amplitude (dB)" output, control, -40 to 12
8564 →"Gain reduction (dB)" output, control, -24 to 0
8565 →"Input" input, audio
8566 →"Output" output, audio
8567
8568 [:: sc4_1882.dll ::]
8569
8570 Plugin Name: "SC4"
8571 Plugin Label: "sc4"
8572 Plugin Unique ID: 1882
8573 Maker: "Steve Harris <steve@plugin.org.uk>"
8574 Copyright: "GPL"
8575 Must Run Real-Time: No
8576 Has activate() Function: No
8577 Has deactivate() Function: No
8578 Has run_adding() Function: Yes
8579 Environment: Normal or Hard Real-Time
8580 Ports:→"RMS/peak" input, control, 0 to 1, default 0
8581 →"Attack time (ms)" input, control, 1.5 to 400, default 101.125
```

```

8582  →"Release time (ms)" input, control, 2 to 800, default 401
8583  →"Threshold level (dB)" input, control, -30 to 0, default 0
8584  →"Ratio (1:n)" input, control, 1 to 20, default 1
8585  →"Knee radius (dB)" input, control, 1 to 10, default 3.25
8586  →"Makeup gain (dB)" input, control, 0 to 24, default 0
8587  →"Amplitude (dB)" output, control, -40 to 12
8588  →"Gain reduction (dB)" output, control, -24 to 0
8589  →"Left input" input, audio
8590  →"Right input" input, audio
8591  →"Left output" output, audio
8592  →"Right output" output, audio

```

```

8593
8594  [:: se4_1883.dll ::]

```

```

8595
8596  Plugin Name: "SE4"
8597  Plugin Label: "se4"
8598  Plugin Unique ID: 1883
8599  Maker: "Steve Harris <steve@plugin.org.uk>"
8600  Copyright: "GPL"
8601  Must Run Real-Time: No
8602  Has activate() Function: No
8603  Has deactivate() Function: No
8604  Has run_adding() Function: Yes
8605  Environment: Normal or Hard Real-Time
8606  Ports: →"RMS/peak" input, control, 0 to 1, default 0
8607  →"Attack time (ms)" input, control, 1.5 to 400, default 101.125
8608  →"Release time (ms)" input, control, 2 to 800, default 401
8609  →"Threshold level (dB)" input, control, -30 to 0, default 0
8610  →"Ratio (1:n)" input, control, 1 to 20, default 1
8611  →"Knee radius (dB)" input, control, 1 to 10, default 3.25
8612  →"Attenuation (dB)" input, control, -24 to 0, default 0
8613  →"Amplitude (dB)" output, control, -40 to 12
8614  →"Gain expansion (dB)" output, control, 0 to 24
8615  →"Left input" input, audio
8616  →"Right input" input, audio
8617  →"Left output" output, audio
8618  →"Right output" output, audio

```

```

8619
8620  [:: sequencer16_1677.dll ::]

```

```

8621
8622  Plugin Name: "Analogue Style 16 Step Sequencer"
8623  Plugin Label: "sequencer16"
8624  Plugin Unique ID: 1677
8625  Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
8626  Copyright: "GPL"
8627  Must Run Real-Time: No
8628  Has activate() Function: Yes
8629  Has deactivate() Function: No
8630  Has run_adding() Function: No
8631  Environment: Normal or Hard Real-Time
8632  Ports: →"Gate (Open > 0)" input, audio, toggled
8633  →"Step Trigger" input, audio, toggled

```

```
8634 →"Loop Steps (1 - 16)" input, control, 1 to 16, default 16, integer
8635 →"Reset to Value on Gate Close?" input, control, 0 to 1, default 0,
integer
8636 →"Closed Gate Value" input, control
8637 →"Value Step 0" input, control
8638 →"Value Step 1" input, control
8639 →"Value Step 2" input, control
8640 →"Value Step 3" input, control
8641 →"Value Step 4" input, control
8642 →"Value Step 5" input, control
8643 →"Value Step 6" input, control
8644 →"Value Step 7" input, control
8645 →"Value Step 8" input, control
8646 →"Value Step 9" input, control
8647 →"Value Step 10" input, control
8648 →"Value Step 11" input, control
8649 →"Value Step 12" input, control
8650 →"Value Step 13" input, control
8651 →"Value Step 14" input, control
8652 →"Value Step 15" input, control
8653 →"Value Out" output, audio
8654
8655 [:: sequencer32_1676.dll ::]
8656
8657 Plugin Name: "Analogue Style 32 Step Sequencer"
8658 Plugin Label: "sequencer32"
8659 Plugin Unique ID: 1676
8660 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
8661 Copyright: "GPL"
8662 Must Run Real-Time: No
8663 Has activate() Function: Yes
8664 Has deactivate() Function: No
8665 Has run_adding() Function: No
8666 Environment: Normal or Hard Real-Time
8667 Ports: →"Gate (Open > 0)" input, audio, toggled
8668 →"Step Trigger" input, audio, toggled
8669 →"Loop Steps (1 - 32)" input, control, 1 to 32, default 32, integer
8670 →"Reset to Value on Gate Close?" input, control, 0 to 1, default 0,
integer
8671 →"Closed Gate Value" input, control
8672 →"Value Step 0" input, control
8673 →"Value Step 1" input, control
8674 →"Value Step 2" input, control
8675 →"Value Step 3" input, control
8676 →"Value Step 4" input, control
8677 →"Value Step 5" input, control
8678 →"Value Step 6" input, control
8679 →"Value Step 7" input, control
8680 →"Value Step 8" input, control
8681 →"Value Step 9" input, control
8682 →"Value Step 10" input, control
8683 →"Value Step 11" input, control
```

```

8684 →"Value Step 12" input, control
8685 →"Value Step 13" input, control
8686 →"Value Step 14" input, control
8687 →"Value Step 15" input, control
8688 →"Value Step 16" input, control
8689 →"Value Step 17" input, control
8690 →"Value Step 18" input, control
8691 →"Value Step 19" input, control
8692 →"Value Step 20" input, control
8693 →"Value Step 21" input, control
8694 →"Value Step 22" input, control
8695 →"Value Step 23" input, control
8696 →"Value Step 24" input, control
8697 →"Value Step 25" input, control
8698 →"Value Step 26" input, control
8699 →"Value Step 27" input, control
8700 →"Value Step 28" input, control
8701 →"Value Step 29" input, control
8702 →"Value Step 30" input, control
8703 →"Value Step 31" input, control
8704 →"Value Out" output, audio
8705
8706 [:: sequencer64_1675.dll ::]
8707
8708 Plugin Name: "Analogue Style 64 Step Sequencer"
8709 Plugin Label: "sequencer64"
8710 Plugin Unique ID: 1675
8711 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
8712 Copyright: "GPL"
8713 Must Run Real-Time: No
8714 Has activate() Function: Yes
8715 Has deactivate() Function: No
8716 Has run_adding() Function: No
8717 Environment: Normal or Hard Real-Time
8718 Ports: →"Gate (Open > 0)" input, audio, toggled
8719 →"Step Trigger" input, audio, toggled
8720 →"Loop Steps (1 - 64)" input, control, 1 to 64, default 64, integer
8721 →"Reset to Value on Gate Close?" input, control, 0 to 1, default 0,
integer
8722 →"Closed Gate Value" input, control
8723 →"Value Step 0" input, control
8724 →"Value Step 1" input, control
8725 →"Value Step 2" input, control
8726 →"Value Step 3" input, control
8727 →"Value Step 4" input, control
8728 →"Value Step 5" input, control
8729 →"Value Step 6" input, control
8730 →"Value Step 7" input, control
8731 →"Value Step 8" input, control
8732 →"Value Step 9" input, control
8733 →"Value Step 10" input, control
8734 →"Value Step 11" input, control

```

```
8735 →"Value Step 12" input, control
8736 →"Value Step 13" input, control
8737 →"Value Step 14" input, control
8738 →"Value Step 15" input, control
8739 →"Value Step 16" input, control
8740 →"Value Step 17" input, control
8741 →"Value Step 18" input, control
8742 →"Value Step 19" input, control
8743 →"Value Step 20" input, control
8744 →"Value Step 21" input, control
8745 →"Value Step 22" input, control
8746 →"Value Step 23" input, control
8747 →"Value Step 24" input, control
8748 →"Value Step 25" input, control
8749 →"Value Step 26" input, control
8750 →"Value Step 27" input, control
8751 →"Value Step 28" input, control
8752 →"Value Step 29" input, control
8753 →"Value Step 30" input, control
8754 →"Value Step 31" input, control
8755 →"Value Step 32" input, control
8756 →"Value Step 33" input, control
8757 →"Value Step 34" input, control
8758 →"Value Step 35" input, control
8759 →"Value Step 36" input, control
8760 →"Value Step 37" input, control
8761 →"Value Step 38" input, control
8762 →"Value Step 39" input, control
8763 →"Value Step 40" input, control
8764 →"Value Step 41" input, control
8765 →"Value Step 42" input, control
8766 →"Value Step 43" input, control
8767 →"Value Step 44" input, control
8768 →"Value Step 45" input, control
8769 →"Value Step 46" input, control
8770 →"Value Step 47" input, control
8771 →"Value Step 48" input, control
8772 →"Value Step 49" input, control
8773 →"Value Step 50" input, control
8774 →"Value Step 51" input, control
8775 →"Value Step 52" input, control
8776 →"Value Step 53" input, control
8777 →"Value Step 54" input, control
8778 →"Value Step 55" input, control
8779 →"Value Step 56" input, control
8780 →"Value Step 57" input, control
8781 →"Value Step 58" input, control
8782 →"Value Step 59" input, control
8783 →"Value Step 60" input, control
8784 →"Value Step 61" input, control
8785 →"Value Step 62" input, control
8786 →"Value Step 63" input, control
```

```
8787 →"Value Out" output, audio
8788
8789 [:: shaper_1187.dll ::]
8790
8791 Plugin Name: "Wave shaper"
8792 Plugin Label: "shaper"
8793 Plugin Unique ID: 1187
8794 Maker: "Steve Harris <steve@plugin.org.uk>"
8795 Copyright: "GPL"
8796 Must Run Real-Time: No
8797 Has activate() Function: No
8798 Has deactivate() Function: No
8799 Has run_adding() Function: Yes
8800 Environment: Normal or Hard Real-Time
8801 Ports: →"Waveshape" input, control, -10 to 10, default 0
8802 →"Input" input, audio, -1 to 1
8803 →"Output" output, audio, -1 to 1
8804
8805 [:: sifter_1210.dll ::]
8806
8807 Plugin Name: "Signal sifter"
8808 Plugin Label: "sifter"
8809 Plugin Unique ID: 1210
8810 Maker: "Steve Harris <steve@plugin.org.uk>"
8811 Copyright: "GPL"
8812 Must Run Real-Time: No
8813 Has activate() Function: Yes
8814 Has deactivate() Function: No
8815 Has run_adding() Function: Yes
8816 Environment: Normal
8817 Ports: →"Sift size" input, control, 1 to 1000, default 1
8818 →"Input" input, audio
8819 →"Output" output, audio
8820
8821 [:: signal_abs_2669.dll ::]
8822
8823 Plugin Name: "Signal Absolute value, negative or positive (CR Controls)"
8824 Plugin Label: "signal_abs_cr"
8825 Plugin Unique ID: 2669
8826 Maker: "Loki Davison"
8827 Copyright: "GPL"
8828 Must Run Real-Time: No
8829 Has activate() Function: No
8830 Has deactivate() Function: No
8831 Has run_adding() Function: No
8832 Environment: Normal or Hard Real-Time
8833 Ports: →"Input" input, audio
8834 →"Sign" input, control, toggled, default 1
8835 →"Output" output, audio
8836
8837 Plugin Name: "Signal Absolute value, negative or positive (AR Controls)"
8838 Plugin Label: "signal_abs_ar"
```

```
8839 Plugin Unique ID: 2670
8840 Maker: "Loki Davison"
8841 Copyright: "GPL"
8842 Must Run Real-Time: No
8843 Has activate() Function: No
8844 Has deactivate() Function: No
8845 Has run_adding() Function: No
8846 Environment: Normal or Hard Real-Time
8847 Ports: → "Input 1" input, audio
8848 → "Sign" input, audio
8849 → "Output" output, audio
8850
8851 [:: sine.dll ::]
8852
8853 Plugin Name: "Sine Oscillator (Freq:audio, Amp:audio)"
8854 Plugin Label: "sine_faaa"
8855 Plugin Unique ID: 1044
8856 Maker: "Richard Furse (LADSPA example plugins)"
8857 Copyright: "None"
8858 Must Run Real-Time: No
8859 Has activate() Function: Yes
8860 Has deactivate() Function: No
8861 Has run_adding() Function: No
8862 Environment: Normal or Hard Real-Time
8863 Ports: → "Frequency (Hz)" input, audio, 0 to 0.5*srates, default 440,
logarithmic
8864 → "Amplitude" input, audio, 0 to ..., default 1, logarithmic
8865 → "Output" output, audio
8866
8867 Plugin Name: "Sine Oscillator (Freq:audio, Amp:control)"
8868 Plugin Label: "sine_faac"
8869 Plugin Unique ID: 1045
8870 Maker: "Richard Furse (LADSPA example plugins)"
8871 Copyright: "None"
8872 Must Run Real-Time: No
8873 Has activate() Function: Yes
8874 Has deactivate() Function: No
8875 Has run_adding() Function: No
8876 Environment: Normal or Hard Real-Time
8877 Ports: → "Frequency (Hz)" input, audio, 0 to 0.5*srates, default 440,
logarithmic
8878 → "Amplitude" input, control, 0 to ..., default 1, logarithmic
8879 → "Output" output, audio
8880
8881 Plugin Name: "Sine Oscillator (Freq:control, Amp:audio)"
8882 Plugin Label: "sine_fcaa"
8883 Plugin Unique ID: 1046
8884 Maker: "Richard Furse (LADSPA example plugins)"
8885 Copyright: "None"
8886 Must Run Real-Time: No
8887 Has activate() Function: Yes
8888 Has deactivate() Function: No
```

```
8889 Has_run_adding() Function: No
8890 Environment: Normal or Hard Real-Time
8891 Ports:→"Frequency (Hz)" input, control, 0 to 0.5*srates, default 440,
logarithmic
8892 →"Amplitude" input, audio, 0 to ..., default 1, logarithmic
8893 →"Output" output, audio
8894
8895 Plugin Name: "Sine Oscillator (Freq:control, Amp:control)"
8896 Plugin Label: "sine_fcac"
8897 Plugin Unique ID: 1047
8898 Maker: "Richard Furse (LADSPA example plugins)"
8899 Copyright: "None"
8900 Must Run Real-Time: No
8901 Has_activate() Function: Yes
8902 Has_deactivate() Function: No
8903 Has_run_adding() Function: No
8904 Environment: Normal or Hard Real-Time
8905 Ports:→"Frequency (Hz)" input, control, 0 to 0.5*srates, default 440,
logarithmic
8906 →"Amplitude" input, control, 0 to ..., default 1, logarithmic
8907 →"Output" output, audio
8908
8909 [:: single_para_1203.dll ::]
8910
8911 Plugin Name: "Single band parametric"
8912 Plugin Label: "singlePara"
8913 Plugin Unique ID: 1203
8914 Maker: "Steve Harris <steve@plugin.org.uk>"
8915 Copyright: "GPL"
8916 Must Run Real-Time: No
8917 Has_activate() Function: Yes
8918 Has_deactivate() Function: No
8919 Has_run_adding() Function: Yes
8920 Environment: Normal or Hard Real-Time
8921 Ports:→"Gain (dB)" input, control, -70 to 30, default 0
8922 →"Frequency (Hz)" input, control, 0 to 0.4*srates, default 440
8923 →"Bandwidth (octaves)" input, control, 0 to 4, default 1
8924 →"Input" input, audio, -1 to 1
8925 →"Output" output, audio, -1 to 1
8926
8927 [:: sinus_wavewrapper_1198.dll ::]
8928
8929 Plugin Name: "Sinus wavewrapper"
8930 Plugin Label: "sinusWavewrapper"
8931 Plugin Unique ID: 1198
8932 Maker: "Steve Harris <steve@plugin.org.uk>"
8933 Copyright: "GPL"
8934 Must Run Real-Time: No
8935 Has_activate() Function: No
8936 Has_deactivate() Function: No
8937 Has_run_adding() Function: Yes
8938 Environment: Normal or Hard Real-Time
```

```
8939 Ports:→"Wrap degree" input, control, 0 to 10, default 0
8940 →"Input" input, audio, -1 to 1
8941 →"Output" output, audio, -1 to 1
8942
8943 [:: sin_cos_1881.dll ::]
8944
8945 Plugin Name: "Sine + cosine oscillator"
8946 Plugin Label: "sinCos"
8947 Plugin Unique ID: 1881
8948 Maker: "Steve Harris <steve@plugin.org.uk>"
8949 Copyright: "GPL"
8950 Must Run Real-Time: No
8951 Has activate() Function: No
8952 Has deactivate() Function: No
8953 Has run_adding() Function: Yes
8954 Environment: Normal or Hard Real-Time
8955 Ports:→"Base frequency (Hz)" input, control, 1e-006*srate to 0.5*srate,
      default 440, logarithmic
8956 →"Pitch offset" input, control, 0 to 8, default 0
8957 →"Sine output" output, audio
8958 →"Cosine output" output, audio
8959
8960 [:: sitar.dll ::]
8961
8962 Plugin Name: "sitar"
8963 Plugin Label: "sitar"
8964 Plugin Unique ID: 67
8965 Maker: "undefined"
8966 Copyright: "undefined"
8967 Must Run Real-Time: No
8968 Has activate() Function: Yes
8969 Has deactivate() Function: Yes
8970 Has run_adding() Function: No
8971 Environment: Normal or Hard Real-Time
8972 Ports:→"output00" output, audio
8973 →"output01" output, audio
8974 →"basicparameters-freq" input, control, 20 to 20000
8975 →"basicparameters-gain" input, control, 0 to 1
8976 →"basicparameters-gate" input, control, toggled
8977 →"physicalparameters-resonance" input, control, 0 to 1
8978 →"reverb-reverbgain" input, control, 0 to 1
8979 →"reverb-roomsize" input, control, 0.01 to 2
8980 →"spat-panangle" input, control, 0 to 1
8981 →"spat-spatialwidth" input, control, 0 to 1
8982
8983 [:: slew_limiter_2743.dll ::]
8984
8985 Plugin Name: "Slew limiter (RA)"
8986 Plugin Label: "slew_limiter_ra"
8987 Plugin Unique ID: 2743
8988 Maker: "Lars Luthman <larsl@users.sourceforge.net>"
8989 Copyright: "GPL"
```

```
8990 Must Run Real-Time: No
8991 Has activate() Function: Yes
8992 Has deactivate() Function: No
8993 Has run_adding() Function: No
8994 Environment: Normal or Hard Real-Time
8995 Ports: → "Input" input, audio
8996 → "Rise rate (1/s)" input, audio
8997 → "Fall rate (1/s)" input, audio
8998 → "Output" output, audio
8999
9000 Plugin Name: "Slew limiter (RC)"
9001 Plugin Label: "slew_limiter_rc"
9002 Plugin Unique ID: 2744
9003 Maker: "Lars Luthman <larsl@users.sourceforge.net>"
9004 Copyright: "GPL"
9005 Must Run Real-Time: No
9006 Has activate() Function: Yes
9007 Has deactivate() Function: No
9008 Has run_adding() Function: No
9009 Environment: Normal or Hard Real-Time
9010 Ports: → "Input" input, audio
9011 → "Rise rate (1/s)" input, control
9012 → "Fall rate (1/s)" input, control
9013 → "Output" output, audio
9014
9015 [:: slide_2741.dll ::]
9016
9017 Plugin Name: "Slide (TA)"
9018 Plugin Label: "slide_ta"
9019 Plugin Unique ID: 2741
9020 Maker: "Lars Luthman <larsl@users.sourceforge.net>"
9021 Copyright: "GPL"
9022 Must Run Real-Time: No
9023 Has activate() Function: Yes
9024 Has deactivate() Function: No
9025 Has run_adding() Function: No
9026 Environment: Normal or Hard Real-Time
9027 Ports: → "Input" input, audio
9028 → "Rise time (s)" input, audio
9029 → "Fall time (s)" input, audio
9030 → "Output" output, audio
9031
9032 Plugin Name: "Slide (TC)"
9033 Plugin Label: "slide_tc"
9034 Plugin Unique ID: 2742
9035 Maker: "Lars Luthman <larsl@users.sourceforge.net>"
9036 Copyright: "GPL"
9037 Must Run Real-Time: No
9038 Has activate() Function: Yes
9039 Has deactivate() Function: No
9040 Has run_adding() Function: No
9041 Environment: Normal or Hard Real-Time
```

```
9042 Ports:→"Input" input, audio
9043 →"Rise time (s)" input, control
9044 →"Fall time (s)" input, control
9045 →"Output" output, audio
9046
9047 [:: smoothdelay.dll ::]
9048
9049 Plugin Name: "smoothdelay"
9050 Plugin Label: "smoothdelay"
9051 Plugin Unique ID: 4294966474
9052 Maker: "undefined"
9053 Copyright: "undefined"
9054 Must Run Real-Time: No
9055 Has activate() Function: Yes
9056 Has deactivate() Function: Yes
9057 Has run_adding() Function: No
9058 Environment: Normal or Hard Real-Time
9059 Ports:→"input00" input, audio
9060 →"input01" input, audio
9061 →"output00" output, audio
9062 →"output01" output, audio
9063 →"delay" input, control, 0 to 5000
9064 →"feedback" input, control, 0 to 100
9065 →"interpolation" input, control, 1 to 100
9066
9067 [:: smooth_decimate_1414.dll ::]
9068
9069 Plugin Name: "Smooth Decimator"
9070 Plugin Label: "smoothDecimate"
9071 Plugin Unique ID: 1414
9072 Maker: "Steve Harris <steve@plugin.org.uk>"
9073 Copyright: "GPL"
9074 Must Run Real-Time: No
9075 Has activate() Function: Yes
9076 Has deactivate() Function: No
9077 Has run_adding() Function: Yes
9078 Environment: Normal or Hard Real-Time
9079 Ports:→"Resample rate" input, control, 0 to 1*srate, default 1*srate
9080 →"Smoothing" input, control, 0 to 1, default 1
9081 →"Input" input, audio
9082 →"Output" output, audio
9083
9084 [:: spat.dll ::]
9085
9086 Plugin Name: "spat"
9087 Plugin Label: "spat"
9088 Plugin Unique ID: 549
9089 Maker: "undefined"
9090 Copyright: "undefined"
9091 Must Run Real-Time: No
9092 Has activate() Function: Yes
9093 Has deactivate() Function: Yes
```

```
9094 Has_run_adding() Function: No
9095 Environment: Normal or Hard Real-Time
9096 Ports:→"input00" input, audio
9097 →"output00" output, audio
9098 →"output01" output, audio
9099 →"output02" output, audio
9100 →"output03" output, audio
9101 →"output04" output, audio
9102 →"output05" output, audio
9103 →"output06" output, audio
9104 →"output07" output, audio
9105 →"angle" input, control, 0 to 1
9106 →"distance" input, control, 0 to 1
9107
9108 [:: spectral_level.dll ::]
9109
9110 Plugin Name: "spectral_level"
9111 Plugin Label: "spectral_level"
9112 Plugin Unique ID: 4294967293
9113 Maker: "undefined"
9114 Copyright: "undefined"
9115 Must Run Real-Time: No
9116 Has_activate() Function: Yes
9117 Has_deactivate() Function: Yes
9118 Has_run_adding() Function: No
9119 Environment: Normal or Hard Real-Time
9120 Ports:→"input00" input, audio
9121 →"output00" output, audio
9122 →"output01" output, audio
9123 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9124 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9125 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9126 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9127 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9128 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9129 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9130 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9131 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9132 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9133 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9134 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9135 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9136 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9137 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9138 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9139 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9140 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9141 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9142 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9143 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9144 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9145 →"constant-qspectrumanalyzer-" output, control, -50 to 10
```

```

9146 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9147 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9148 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9149 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9150 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9151 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9152 →"constant-qspectrumanalyzer-" output, control, -50 to 10
9153 →"spectrumanalyzercontrols-levelaveragingtime" input, control, 0 to 1
9154 →"spectrumanalyzercontrols-leveldboffset" input, control, 0 to 100
9155

```

```

9156 [:: split_1406.dll ::]
9157

```

```

9158 Plugin Name: "Mono to Stereo splitter"
9159 Plugin Label: "split"
9160 Plugin Unique ID: 1406
9161 Maker: "Frank Neumann <franky@users.sourceforge.net>"
9162 Copyright: "GPL"
9163 Must Run Real-Time: No
9164 Has activate() Function: No
9165 Has deactivate() Function: No
9166 Has run_adding() Function: Yes
9167 Environment: Normal or Hard Real-Time
9168 Ports: →"Input" input, audio, -1 to 1
9169 →"Output 1" output, audio, -1 to 1
9170 →"Output 2" output, audio, -1 to 1
9171

```

```

9172 [:: square_1643.dll ::]
9173

```

```

9174 Plugin Name: "Bandlimited Square Oscillator (FA)"
9175 Plugin Label: "square_fa_oa"
9176 Plugin Unique ID: 1643
9177 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
9178 Copyright: "GPL"
9179 Must Run Real-Time: No
9180 Has activate() Function: Yes
9181 Has deactivate() Function: No
9182 Has run_adding() Function: No
9183 Environment: Normal or Hard Real-Time
9184 Ports: →"Frequency" input, audio, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
9185 →"Output" output, audio
9186

```

```

9187 Plugin Name: "Bandlimited Square Oscillator (FC)"
9188 Plugin Label: "square_fc_oa"
9189 Plugin Unique ID: 1644
9190 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
9191 Copyright: "GPL"
9192 Must Run Real-Time: No
9193 Has activate() Function: Yes
9194 Has deactivate() Function: No
9195 Has run_adding() Function: No
9196 Environment: Normal or Hard Real-Time

```

```
9197 Ports:→"Frequency" input, control, 2.08333e-005*srate to 0.5*srate,
9198      →"Output" output, audio
9199
9200 [:: sstillwell_eventhorizon-ladspa-nogui.dll ::]
9201
9202 Plugin Name: "eventhorizon"
9203 Plugin Label: "eventhorizon"
9204 Plugin Unique ID: 1096286208
9205 Maker: "sstillwell"
9206 Copyright: "Copyright (c) sstillwell"
9207 Must Run Real-Time: Yes
9208 Has activate() Function: Yes
9209 Has deactivate() Function: Yes
9210 Has run_adding() Function: No
9211 Environment: Normal or Hard Real-Time
9212 Ports:→"input 0" input, audio
9213      →"input 1" input, audio
9214      →"output 0" output, audio
9215      →"output 1" output, audio
9216      →"threshold" input, control, 0 to 1, default 0.5
9217      →"ceiling" input, control, 0 to 1, default 0.5
9218      →"soft clip" input, control, 0 to 1, default 0.5
9219
9220 [:: step_muxer_1212.dll ::]
9221
9222 Plugin Name: "Step Demuxer"
9223 Plugin Label: "stepMuxer"
9224 Plugin Unique ID: 1212
9225 Maker: "Steve Harris <steve@plugin.org.uk>"
9226 Copyright: "GPL"
9227 Must Run Real-Time: No
9228 Has activate() Function: Yes
9229 Has deactivate() Function: No
9230 Has run_adding() Function: Yes
9231 Environment: Normal or Hard Real-Time
9232 Ports:→"Crossfade time (in ms)" input, control, 0 to 100, default 50
9233      →"Clock" input, audio
9234      →"Input 1" input, audio
9235      →"Input 2" input, audio
9236      →"Input 3" input, audio
9237      →"Input 4" input, audio
9238      →"Input 5" input, audio
9239      →"Input 6" input, audio
9240      →"Input 7" input, audio
9241      →"Input 8" input, audio
9242      →"Output" output, audio
9243
9244 [:: stereoecho.dll ::]
9245
9246 Plugin Name: "stereoecho"
9247 Plugin Label: "stereoecho"
```

```
9248 Plugin Unique ID: 368
9249 Maker: "undefined"
9250 Copyright: "undefined"
9251 Must Run Real-Time: No
9252 Has activate() Function: Yes
9253 Has deactivate() Function: Yes
9254 Has run_adding() Function: No
9255 Environment: Normal or Hard Real-Time
9256 Ports: → "input00" input, audio
9257 → "input01" input, audio
9258 → "output00" output, audio
9259 → "output01" output, audio
9260 → "echo1000-feedback" input, control, 0 to 100
9261 → "echo1000-millisecond" input, control, 0 to 1000
9262
9263 [:: sum_1665.dll ::]
9264
9265 Plugin Name: "Signal Sum (IAIA)"
9266 Plugin Label: "sum_iaia_oa"
9267 Plugin Unique ID: 1665
9268 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
9269 Copyright: "GPL"
9270 Must Run Real-Time: No
9271 Has activate() Function: No
9272 Has deactivate() Function: No
9273 Has run_adding() Function: No
9274 Environment: Normal or Hard Real-Time
9275 Ports: → "First Input" input, audio
9276 → "Second Input" input, audio
9277 → "Summed Output" output, audio
9278
9279 Plugin Name: "Signal Sum (IAIC)"
9280 Plugin Label: "sum_iaic_oa"
9281 Plugin Unique ID: 1666
9282 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
9283 Copyright: "GPL"
9284 Must Run Real-Time: No
9285 Has activate() Function: No
9286 Has deactivate() Function: No
9287 Has run_adding() Function: No
9288 Environment: Normal or Hard Real-Time
9289 Ports: → "First Input" input, audio
9290 → "Second Input" input, control
9291 → "Summed Output" output, audio
9292
9293 Plugin Name: "Signal Sum (ICIC)"
9294 Plugin Label: "sum_icic_oc"
9295 Plugin Unique ID: 1667
9296 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
9297 Copyright: "GPL"
9298 Must Run Real-Time: No
9299 Has activate() Function: No
```

```
9300 Has deactivate() Function: No
9301 Has run_adding() Function: No
9302 Environment: Normal or Hard Real-Time
9303 Ports:→"First Input" input, control
9304 →"Second Input" input, control
9305 →"Summed Output" output, control
9306
9307 [:: super-60.dll ::]
9308
9309 Plugin Name: "super 60 (amp tone)"
9310 Plugin Label: "super 60"
9311 Plugin Unique ID: 1764
9312 Maker: "Tim Goetze <tim@quitte.de>"
9313 Copyright: "GPL, 2003 Tim Goetze"
9314 Must Run Real-Time: No
9315 Has activate() Function: Yes
9316 Has deactivate() Function: No
9317 Has run_adding() Function: Yes
9318 Environment: Normal or Hard Real-Time
9319 Ports:→"in" input, audio, -1 to 1, default 0
9320 →"out" output, audio, -1 to 1, default 0
9321
9322 [:: surround_encoder_1401.dll ::]
9323
9324 Plugin Name: "Surround matrix encoder"
9325 Plugin Label: "surroundEncoder"
9326 Plugin Unique ID: 1401
9327 Maker: "Steve Harris <steve@plugin.org.uk>"
9328 Copyright: "GPL"
9329 Must Run Real-Time: No
9330 Has activate() Function: Yes
9331 Has deactivate() Function: No
9332 Has run_adding() Function: Yes
9333 Environment: Normal or Hard Real-Time
9334 Ports:→"L" input, audio
9335 →"R" input, audio
9336 →"C" input, audio
9337 →"S" input, audio
9338 →"Lt" output, audio
9339 →"Rt" output, audio
9340
9341 [:: svf_1214.dll ::]
9342
9343 Plugin Name: "State Variable Filter"
9344 Plugin Label: "svf"
9345 Plugin Unique ID: 1214
9346 Maker: "Steve Harris <steve@plugin.org.uk>"
9347 Copyright: "GPL"
9348 Must Run Real-Time: No
9349 Has activate() Function: Yes
9350 Has deactivate() Function: No
9351 Has run_adding() Function: Yes
```

```

9352 Environment: Normal or Hard Real-Time
9353 Ports:→"Input" input, audio, -1 to 1
9354 →"Output" output, audio, -1 to 1
9355 →"Filter type (0=none, 1=LP, 2=HP, 3=BP, 4=BR, 5=AP)" input, control, 0
to 5, default 0, integer
9356 →"Filter freq" input, control, 0 to 6000, default 440
9357 →"Filter Q" input, control, 0 to 1, default 0.25
9358 →"Filter resonance" input, control, 0 to 1, default 0
9359
9360 [:: switcher.dll ::]
9361
9362 Plugin Name: "switcher"
9363 Plugin Label: "switcher"
9364 Plugin Unique ID: 195
9365 Maker: "undefined"
9366 Copyright: "undefined"
9367 Must Run Real-Time: No
9368 Has activate() Function: Yes
9369 Has deactivate() Function: Yes
9370 Has run_adding() Function: No
9371 Environment: Normal or Hard Real-Time
9372 Ports:→"input00" input, audio
9373 →"input01" input, audio
9374 →"input02" input, audio
9375 →"input03" input, audio
9376 →"output00" output, audio
9377 →"output01" output, audio
9378 →"source0-source1" input, control, 0 to 1
9379
9380 [:: sync_pulse_2023.dll ::]
9381
9382 Plugin Name: "Clock Pulse Oscillator with Gate (FAPAGA)"
9383 Plugin Label: "syncpulse_fapaga_oa"
9384 Plugin Unique ID: 2023
9385 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
9386 Copyright: "GPL"
9387 Must Run Real-Time: No
9388 Has activate() Function: Yes
9389 Has deactivate() Function: No
9390 Has run_adding() Function: No
9391 Environment: Normal or Hard Real-Time
9392 Ports:→"Frequency" input, audio, 0 to 64, default 16
9393 →"Pulse Width" input, audio, 0 to 1, default 0.5
9394 →"Gate" input, audio, toggled
9395 →"Output" output, audio
9396
9397 Plugin Name: "Clock Pulse Oscillator with Gate (FCPCGA)"
9398 Plugin Label: "syncpulse_fcpcga_oa"
9399 Plugin Unique ID: 2024
9400 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
9401 Copyright: "GPL"
9402 Must Run Real-Time: No

```

```
9403 Has activate() Function: Yes
9404 Has deactivate() Function: No
9405 Has run_adding() Function: No
9406 Environment: Normal or Hard Real-Time
9407 Ports:→"Frequency" input, control, 0 to 64, default 16
9408 →"Pulse Width" input, control, 0 to 1, default 0.5
9409 →"Gate" input, audio, toggled
9410 →"Output" output, audio
```

9411

9412 [:: sync_square_1678.dll ::]

9413

9414 Plugin Name: "Clock Oscillator with Gate (FAGA)"

9415 Plugin Label: "syncsquare_faga_oa"

9416 Plugin Unique ID: 1678

9417 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"

9418 Copyright: "GPL"

9419 Must Run Real-Time: No

9420 Has activate() Function: Yes

9421 Has deactivate() Function: No

9422 Has run_adding() Function: No

9423 Environment: Normal or Hard Real-Time

9424 Ports:→"Frequency" input, audio, 0 to 64, default 16

9425 →"Gate" input, audio, toggled

9426 →"Output" output, audio

9427

9428 Plugin Name: "Clock Oscillator with Gate (FCGA)"

9429 Plugin Label: "syncsquare_fcga_oa"

9430 Plugin Unique ID: 1679

9431 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"

9432 Copyright: "GPL"

9433 Must Run Real-Time: No

9434 Has activate() Function: Yes

9435 Has deactivate() Function: No

9436 Has run_adding() Function: No

9437 Environment: Normal or Hard Real-Time

9438 Ports:→"Frequency" input, control, 0 to 64, default 16

9439 →"Gate" input, audio, toggled

9440 →"Output" output, audio

9441

9442 [:: syn_poly-ladspa-nogui.dll ::]

9443

9444 Plugin Name: "syn_poly"

9445 Plugin Label: "syn_poly"

9446 Plugin Unique ID: 1096290311

9447 Maker: "ccernn"

9448 Copyright: "Copyright (c) ccernn"

9449 Must Run Real-Time: Yes

9450 Has activate() Function: Yes

9451 Has deactivate() Function: Yes

9452 Has run_adding() Function: No

9453 Environment: Normal or Hard Real-Time

9454 Ports:→"input 0" input, audio

```
9455  →"input 1" input, audio
9456  →"output 0" output, audio
9457  →"output 1" output, audio
9458  →"gain" input, control, 0 to 1, default 0.5
9459  →"att" input, control, 0 to 1, default 0.5
9460  →"rel" input, control, 0 to 1, default 0.5
9461  →"oct" input, control, 0 to 1, default 0.5
9462  →"semi" input, control, 0 to 1, default 0.5
9463  →"cent" input, control, 0 to 1, default 0.5
9464
9465  [:: t00b_limiter.dll ::]
9466
9467  Plugin Name: "t00b Limiter"
9468  Plugin Label: "t00b_limiter"
9469  Plugin Unique ID: 3186
9470  Maker: "Sampo Savolainen <v2@iki.fi>"
9471  Copyright: "GPL"
9472  Must Run Real-Time: No
9473  Has activate() Function: No
9474  Has deactivate() Function: No
9475  Has run_adding() Function: Yes
9476  Environment: Normal or Hard Real-Time
9477  Ports: →"Max level (dB)" input, control, -30 to 0, default 0
9478  →"Attack time (s)" input, control, 0.001 to 0.2, default 0.05075
9479  →"Release time (s)" input, control, 0.01 to 2, default 0.5075
9480  →"Attenuation (dB)" output, control, 0 to 70
9481  →"Input L" input, audio
9482  →"Input R" input, audio
9483  →"Output L" output, audio
9484  →"Output R" output, audio
9485
9486  [:: tape_delay_1211.dll ::]
9487
9488  Plugin Name: "Tape Delay Simulation"
9489  Plugin Label: "tapeDelay"
9490  Plugin Unique ID: 1211
9491  Maker: "Steve Harris <steve@plugin.org.uk>"
9492  Copyright: "GPL"
9493  Must Run Real-Time: No
9494  Has activate() Function: Yes
9495  Has deactivate() Function: No
9496  Has run_adding() Function: Yes
9497  Environment: Normal
9498  Ports: →"Tape speed (inches/sec, 1=normal)" input, control, 0 to 10,
          default 1
9499  →"Dry level (dB)" input, control, -90 to 0, default -90
9500  →"Tap 1 distance (inches)" input, control, 0 to 4, default 0
9501  →"Tap 1 level (dB)" input, control, -90 to 0, default 0
9502  →"Tap 2 distance (inches)" input, control, 0 to 4, default 1
9503  →"Tap 2 level (dB)" input, control, -90 to 0, default -90
9504  →"Tap 3 distance (inches)" input, control, 0 to 4, default 2
9505  →"Tap 3 level (dB)" input, control, -90 to 0, default -90
```

```
9506 →"Tap 4 distance (inches)" input, control, 0 to 4, default 3
9507 →"Tap 4 level (dB)" input, control, -90 to 0, default -90
9508 →"Input" input, audio
9509 →"Output" output, audio
```

```
9510
```

```
9511 [:: tapiir.dll ::]
```

```
9512
```

```
9513 Plugin Name: "tapiir"
```

```
9514 Plugin Label: "tapiir"
```

```
9515 Plugin Unique ID: 243
```

```
9516 Maker: "undefined"
```

```
9517 Copyright: "undefined"
```

```
9518 Must Run Real-Time: No
```

```
9519 Has activate() Function: Yes
```

```
9520 Has deactivate() Function: Yes
```

```
9521 Has run_adding() Function: No
```

```
9522 Environment: Normal or Hard Real-Time
```

```
9523 Ports:→"input00" input, audio
```

```
9524 →"input01" input, audio
```

```
9525 →"output00" output, audio
```

```
9526 →"output01" output, audio
```

```
9527 →"tap0-delay" input, control, 0 to 5
```

```
9528 →"tap0-gain" input, control, 0 to 1
```

```
9529 →"tap0-input0" input, control, 0 to 1
```

```
9530 →"tap0-input1" input, control, 0 to 1
```

```
9531 →"tap0-tap0" input, control, 0 to 1
```

```
9532 →"tap0-tap1" input, control, 0 to 1
```

```
9533 →"tap0-tap2" input, control, 0 to 1
```

```
9534 →"tap0-tap3" input, control, 0 to 1
```

```
9535 →"tap0-tap4" input, control, 0 to 1
```

```
9536 →"tap0-tap5" input, control, 0 to 1
```

```
9537 →"tap1-delay" input, control, 0 to 5
```

```
9538 →"tap1-gain" input, control, 0 to 1
```

```
9539 →"tap1-input0" input, control, 0 to 1
```

```
9540 →"tap1-input1" input, control, 0 to 1
```

```
9541 →"tap1-tap0" input, control, 0 to 1
```

```
9542 →"tap1-tap1" input, control, 0 to 1
```

```
9543 →"tap1-tap2" input, control, 0 to 1
```

```
9544 →"tap1-tap3" input, control, 0 to 1
```

```
9545 →"tap1-tap4" input, control, 0 to 1
```

```
9546 →"tap1-tap5" input, control, 0 to 1
```

```
9547 →"tap2-delay" input, control, 0 to 5
```

```
9548 →"tap2-gain" input, control, 0 to 1
```

```
9549 →"tap2-input0" input, control, 0 to 1
```

```
9550 →"tap2-input1" input, control, 0 to 1
```

```
9551 →"tap2-tap0" input, control, 0 to 1
```

```
9552 →"tap2-tap1" input, control, 0 to 1
```

```
9553 →"tap2-tap2" input, control, 0 to 1
```

```
9554 →"tap2-tap3" input, control, 0 to 1
```

```
9555 →"tap2-tap4" input, control, 0 to 1
```

```
9556 →"tap2-tap5" input, control, 0 to 1
```

```
9557 →"tap3-delay" input, control, 0 to 5
```

```
9558 →"tap3-gain" input, control, 0 to 1
9559 →"tap3-input0" input, control, 0 to 1
9560 →"tap3-input1" input, control, 0 to 1
9561 →"tap3-tap0" input, control, 0 to 1
9562 →"tap3-tap1" input, control, 0 to 1
9563 →"tap3-tap2" input, control, 0 to 1
9564 →"tap3-tap3" input, control, 0 to 1
9565 →"tap3-tap4" input, control, 0 to 1
9566 →"tap3-tap5" input, control, 0 to 1
9567 →"tap4-delay" input, control, 0 to 5
9568 →"tap4-gain" input, control, 0 to 1
9569 →"tap4-input0" input, control, 0 to 1
9570 →"tap4-input1" input, control, 0 to 1
9571 →"tap4-tap0" input, control, 0 to 1
9572 →"tap4-tap1" input, control, 0 to 1
9573 →"tap4-tap2" input, control, 0 to 1
9574 →"tap4-tap3" input, control, 0 to 1
9575 →"tap4-tap4" input, control, 0 to 1
9576 →"tap4-tap5" input, control, 0 to 1
9577 →"tap5-delay" input, control, 0 to 5
9578 →"tap5-gain" input, control, 0 to 1
9579 →"tap5-input0" input, control, 0 to 1
9580 →"tap5-input1" input, control, 0 to 1
9581 →"tap5-tap0" input, control, 0 to 1
9582 →"tap5-tap1" input, control, 0 to 1
9583 →"tap5-tap2" input, control, 0 to 1
9584 →"tap5-tap3" input, control, 0 to 1
9585 →"tap5-tap4" input, control, 0 to 1
9586 →"tap5-tap5" input, control, 0 to 1
9587 →"outputs-output0-gain" input, control, 0 to 1
9588 →"outputs-output0-input0" input, control, 0 to 1
9589 →"outputs-output0-input1" input, control, 0 to 1
9590 →"outputs-output0-tap0" input, control, 0 to 1
9591 →"outputs-output0-tap1" input, control, 0 to 1
9592 →"outputs-output0-tap2" input, control, 0 to 1
9593 →"outputs-output0-tap3" input, control, 0 to 1
9594 →"outputs-output0-tap4" input, control, 0 to 1
9595 →"outputs-output0-tap5" input, control, 0 to 1
9596 →"outputs-output1-gain" input, control, 0 to 1
9597 →"outputs-output1-input0" input, control, 0 to 1
9598 →"outputs-output1-input1" input, control, 0 to 1
9599 →"outputs-output1-tap0" input, control, 0 to 1
9600 →"outputs-output1-tap1" input, control, 0 to 1
9601 →"outputs-output1-tap2" input, control, 0 to 1
9602 →"outputs-output1-tap3" input, control, 0 to 1
9603 →"outputs-output1-tap4" input, control, 0 to 1
9604 →"outputs-output1-tap5" input, control, 0 to 1
9605
9606 [:: tap_autopan.dll ::]
9607
9608 Plugin Name: "TAP AutoPanner"
9609 Plugin Label: "tap_autopan"
```

```
9610 Plugin Unique ID: 2146
9611 Maker: "Tom Szilagyi"
9612 Copyright: "GPL"
9613 Must Run Real-Time: No
9614 Has activate() Function: Yes
9615 Has deactivate() Function: No
9616 Has run_adding() Function: Yes
9617 Environment: Normal or Hard Real-Time
9618 Ports: → "Frequency [Hz]" input, control, 0 to 20, default 0
9619 → "Depth [%]" input, control, 0 to 100, default 0
9620 → "Gain [dB]" input, control, -70 to 20, default 0
9621 → "Input L" input, audio
9622 → "Input R" input, audio
9623 → "Output L" output, audio
9624 → "Output R" output, audio
9625
9626 [:: tap_chorusflanger.dll ::]
9627
9628 Plugin Name: "TAP Chorus/Flanger"
9629 Plugin Label: "tap_chorusflanger"
9630 Plugin Unique ID: 2159
9631 Maker: "Tom Szilagyi"
9632 Copyright: "GPL"
9633 Must Run Real-Time: No
9634 Has activate() Function: Yes
9635 Has deactivate() Function: No
9636 Has run_adding() Function: Yes
9637 Environment: Normal or Hard Real-Time
9638 Ports: → "Frequency [Hz]" input, control, 0 to 5, default 1.25
9639 → "L/R Phase Shift [deg]" input, control, 0 to 180, default 90
9640 → "Depth [%]" input, control, 0 to 100, default 75
9641 → "Delay [ms]" input, control, 0 to 100, default 25
9642 → "Contour [Hz]" input, control, 20 to 20000, default 100
9643 → "Dry Level [dB]" input, control, -90 to 20, default 0
9644 → "Wet Level [dB]" input, control, -90 to 20, default 0
9645 → "Input_L" input, audio
9646 → "Input_R" input, audio
9647 → "Output_L" output, audio
9648 → "Output_R" output, audio
9649
9650 [:: tap_deesser.dll ::]
9651
9652 Plugin Name: "TAP DeEsser"
9653 Plugin Label: "tap_deesser"
9654 Plugin Unique ID: 2147
9655 Maker: "Tom Szilagyi"
9656 Copyright: "GPL"
9657 Must Run Real-Time: No
9658 Has activate() Function: Yes
9659 Has deactivate() Function: No
9660 Has run_adding() Function: Yes
9661 Environment: Normal
```

```

9662 Ports:→"Threshold Level [dB]" input, control, -50 to 10, default 0
9663 →"Frequency [Hz]" input, control, 2000 to 16000, default 5500
9664 →"Sidechain Filter" input, control, 0 to 1.01, default 0, integer
9665 →"Monitor" input, control, 0 to 1.01, default 0, integer
9666 →"Attenuation [dB]" output, control, 0 to 10, default 0
9667 →"Input" input, audio
9668 →"Output" output, audio
9669

```

[:: tap_doubler.dll ::]

```

9671
9672 Plugin Name: "TAP Fractal Doubler"
9673 Plugin Label: "tap_doubler"
9674 Plugin Unique ID: 2156
9675 Maker: "Tom Szilagyi"
9676 Copyright: "GPL"
9677 Must Run Real-Time: No
9678 Has activate() Function: Yes
9679 Has deactivate() Function: No
9680 Has run_adding() Function: Yes
9681 Environment: Normal
9682 Ports:→"Time Tracking" input, control, 0 to 1, default 0.5
9683 →"Pitch Tracking" input, control, 0 to 1, default 0.5
9684 →"Dry Level [dB]" input, control, -90 to 20, default 0
9685 →"Dry Left Position" input, control, 0 to 1, default 0
9686 →"Dry Right Position" input, control, 0 to 1, default 1
9687 →"Wet Level [dB]" input, control, -90 to 20, default 0
9688 →"Wet Left Position" input, control, 0 to 1, default 0
9689 →"Wet Right Position" input, control, 0 to 1, default 1
9690 →"Input_L" input, audio
9691 →"Input_R" input, audio
9692 →"Output_L" output, audio
9693 →"Output_R" output, audio
9694

```

[:: tap_dynamics_m.dll ::]

```

9696
9697 Plugin Name: "TAP Dynamics (M)"
9698 Plugin Label: "tap_dynamics_m"
9699 Plugin Unique ID: 2152
9700 Maker: "Tom Szilagyi"
9701 Copyright: "GPL"
9702 Must Run Real-Time: No
9703 Has activate() Function: No
9704 Has deactivate() Function: No
9705 Has run_adding() Function: Yes
9706 Environment: Normal
9707 Ports:→"Attack [ms]" input, control, 4 to 500, default 128
9708 →"Release [ms]" input, control, 4 to 1000, default 502
9709 →"Offset Gain [dB]" input, control, -20 to 20, default 0
9710 →"Makeup Gain [dB]" input, control, -20 to 20, default 0
9711 →"Envelope Volume [dB]" output, control, -60 to 20, default 0
9712 →"Gain Adjustment [dB]" output, control, -60 to 20, default 0
9713 →"Function" input, control, 0 to 14.1, default 0, integer

```

```
9714  →"Input" input, audio
9715  →"Output" output, audio
9716
9717  [:: tap_dynamics_st.dll ::]
9718
9719  Plugin Name: "TAP Dynamics (St)"
9720  Plugin Label: "tap_dynamics_st"
9721  Plugin Unique ID: 2153
9722  Maker: "Tom Szilagyi"
9723  Copyright: "GPL"
9724  Must Run Real-Time: No
9725  Has activate() Function: No
9726  Has deactivate() Function: No
9727  Has run_adding() Function: Yes
9728  Environment: Normal
9729  Ports: →"Attack [ms]" input, control, 4 to 500, default 128
9730  →"Release [ms]" input, control, 4 to 1000, default 502
9731  →"Offset Gain [dB]" input, control, -20 to 20, default 0
9732  →"Makeup Gain [dB]" input, control, -20 to 20, default 0
9733  →"Envelope Volume (L) [dB]" output, control, -60 to 20, default 0
9734  →"Envelope Volume (R) [dB]" output, control, -60 to 20, default 0
9735  →"Gain Adjustment (L) [dB]" output, control, -60 to 20, default 0
9736  →"Gain Adjustment (R) [dB]" output, control, -60 to 20, default 0
9737  →"Stereo Mode" input, control, 0 to 2.1, default 0, integer
9738  →"Function" input, control, 0 to 14.1, default 0, integer
9739  →"Input Left" input, audio
9740  →"Input Right" input, audio
9741  →"Output Left" output, audio
9742  →"Output Right" output, audio
9743
9744  [:: tap_echo.dll ::]
9745
9746  Plugin Name: "TAP Stereo Echo"
9747  Plugin Label: "tap_stereo_echo"
9748  Plugin Unique ID: 2143
9749  Maker: "Tom Szilagyi"
9750  Copyright: "GPL"
9751  Must Run Real-Time: No
9752  Has activate() Function: Yes
9753  Has deactivate() Function: No
9754  Has run_adding() Function: Yes
9755  Environment: Normal or Hard Real-Time
9756  Ports: →"L Delay [ms]" input, control, 0 to 2000, default 100
9757  →"L Feedback [%]" input, control, 0 to 100, default 0
9758  →"R/Haas Delay [ms]" input, control, 0 to 2000, default 100
9759  →"R/Haas Feedback [%]" input, control, 0 to 100, default 0
9760  →"L Echo Level [dB]" input, control, -70 to 10, default 0
9761  →"R Echo Level [dB]" input, control, -70 to 10, default 0
9762  →"Dry Level [dB]" input, control, -70 to 10, default 0
9763  →"Cross Mode" input, control, toggled, default 0
9764  →"Haas Effect" input, control, toggled, default 0
9765  →"Swap Outputs" input, control, toggled, default 0
```

```
9766 →"Input Left" input, audio
9767 →"Output Left" output, audio
9768 →"Input Right" input, audio
9769 →"Output Right" output, audio
9770
9771 [:: tap_eq.dll ::]
9772
9773 Plugin Name: "TAP Equalizer"
9774 Plugin Label: "tap_equalizer"
9775 Plugin Unique ID: 2141
9776 Maker: "Tom Szilagy"
9777 Copyright: "GPL"
9778 Must Run Real-Time: No
9779 Has activate() Function: Yes
9780 Has deactivate() Function: No
9781 Has run_adding() Function: Yes
9782 Environment: Normal
9783 Ports:→"Band 1 Gain [dB]" input, control, -50 to 20, default 0
9784 →"Band 2 Gain [dB]" input, control, -50 to 20, default 0
9785 →"Band 3 Gain [dB]" input, control, -50 to 20, default 0
9786 →"Band 4 Gain [dB]" input, control, -50 to 20, default 0
9787 →"Band 5 Gain [dB]" input, control, -50 to 20, default 0
9788 →"Band 6 Gain [dB]" input, control, -50 to 20, default 0
9789 →"Band 7 Gain [dB]" input, control, -50 to 20, default 0
9790 →"Band 8 Gain [dB]" input, control, -50 to 20, default 0
9791 →"Band 1 Freq [Hz]" input, control, 40 to 280, default 100
9792 →"Band 2 Freq [Hz]" input, control, 100 to 500, default 200
9793 →"Band 3 Freq [Hz]" input, control, 200 to 1000, default 400
9794 →"Band 4 Freq [Hz]" input, control, 400 to 2800, default 1000
9795 →"Band 5 Freq [Hz]" input, control, 1000 to 5000, default 3000
9796 →"Band 6 Freq [Hz]" input, control, 3000 to 9000, default 6000
9797 →"Band 7 Freq [Hz]" input, control, 6000 to 18000, default 12000
9798 →"Band 8 Freq [Hz]" input, control, 10000 to 20000, default 15000
9799 →"Input" input, audio
9800 →"Output" output, audio
9801
9802 [:: tap_eqbw.dll ::]
9803
9804 Plugin Name: "TAP Equalizer/BW"
9805 Plugin Label: "tap_equalizer_bw"
9806 Plugin Unique ID: 2151
9807 Maker: "Tom Szilagy"
9808 Copyright: "GPL"
9809 Must Run Real-Time: No
9810 Has activate() Function: Yes
9811 Has deactivate() Function: No
9812 Has run_adding() Function: Yes
9813 Environment: Normal
9814 Ports:→"Band 1 Gain [dB]" input, control, -50 to 20, default 0
9815 →"Band 2 Gain [dB]" input, control, -50 to 20, default 0
9816 →"Band 3 Gain [dB]" input, control, -50 to 20, default 0
9817 →"Band 4 Gain [dB]" input, control, -50 to 20, default 0
```

```
9818 →"Band 5 Gain [dB]" input, control, -50 to 20, default 0
9819 →"Band 6 Gain [dB]" input, control, -50 to 20, default 0
9820 →"Band 7 Gain [dB]" input, control, -50 to 20, default 0
9821 →"Band 8 Gain [dB]" input, control, -50 to 20, default 0
9822 →"Band 1 Freq [Hz]" input, control, 40 to 280, default 100
9823 →"Band 2 Freq [Hz]" input, control, 100 to 500, default 200
9824 →"Band 3 Freq [Hz]" input, control, 200 to 1000, default 400
9825 →"Band 4 Freq [Hz]" input, control, 400 to 2800, default 1000
9826 →"Band 5 Freq [Hz]" input, control, 1000 to 5000, default 3000
9827 →"Band 6 Freq [Hz]" input, control, 3000 to 9000, default 6000
9828 →"Band 7 Freq [Hz]" input, control, 6000 to 18000, default 12000
9829 →"Band 8 Freq [Hz]" input, control, 10000 to 20000, default 15000
9830 →"Band 1 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
9831 →"Band 2 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
9832 →"Band 3 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
9833 →"Band 4 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
9834 →"Band 5 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
9835 →"Band 6 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
9836 →"Band 7 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
9837 →"Band 8 Bandwidth [octaves]" input, control, 0.1 to 5, default 1
9838 →"Input" input, audio
9839 →"Output" output, audio
9840
9841 [:: tap_limiter.dll ::]
9842
9843 Plugin Name: "TAP Scaling Limiter"
9844 Plugin Label: "tap_limiter"
9845 Plugin Unique ID: 2145
9846 Maker: "Tom Szilagyi"
9847 Copyright: "GPL"
9848 Must Run Real-Time: No
9849 Has activate() Function: Yes
9850 Has deactivate() Function: No
9851 Has run_adding() Function: Yes
9852 Environment: Normal
9853 Ports: →"Limit Level [dB]" input, control, -30 to 20, default 0
9854 →"Output Volume [dB]" input, control, -30 to 20, default 0
9855 →"latency" output, control, 0 to 2500.1, default 2500.1
9856 →"Input" input, audio
9857 →"Output" output, audio
9858
9859 [:: tap_pinknoise.dll ::]
9860
9861 Plugin Name: "TAP Pink/Fractal Noise"
9862 Plugin Label: "tap_pinknoise"
9863 Plugin Unique ID: 2155
9864 Maker: "Tom Szilagyi"
9865 Copyright: "GPL"
9866 Must Run Real-Time: No
9867 Has activate() Function: No
9868 Has deactivate() Function: No
9869 Has run_adding() Function: Yes
```

```
9870 Environment: Normal or Hard Real-Time
9871 Ports: → "Fractal Dimension" input, control, 0 to 1, default 0.5
9872 → "Signal Level [dB]" input, control, -90 to 20, default 0
9873 → "Noise Level [dB]" input, control, -90 to 20, default -90
9874 → "Input" input, audio
9875 → "Output" output, audio
9876
9877 [:: tap_pitch.dll ::]
9878
9879 Plugin Name: "TAP Pitch Shifter"
9880 Plugin Label: "tap_pitch"
9881 Plugin Unique ID: 2150
9882 Maker: "Tom Szilagyi"
9883 Copyright: "GPL"
9884 Must Run Real-Time: No
9885 Has activate() Function: Yes
9886 Has deactivate() Function: No
9887 Has run_adding() Function: Yes
9888 Environment: Normal or Hard Real-Time
9889 Ports: → "Semitone Shift" input, control, -12 to 12, default 0
9890 → "Rate Shift [%]" input, control, -50 to 100, default 0
9891 → "Dry Level [dB]" input, control, -90 to 20, default -90
9892 → "Wet Level [dB]" input, control, -90 to 20, default 0
9893 → "latency" output, control, 0 to 16027, default 16027
9894 → "Input" input, audio
9895 → "Output" output, audio
9896
9897 [:: tap_reflector.dll ::]
9898
9899 Plugin Name: "TAP Reflector"
9900 Plugin Label: "tap_reflector"
9901 Plugin Unique ID: 2154
9902 Maker: "Tom Szilagyi"
9903 Copyright: "GPL"
9904 Must Run Real-Time: No
9905 Has activate() Function: Yes
9906 Has deactivate() Function: No
9907 Has run_adding() Function: Yes
9908 Environment: Normal or Hard Real-Time
9909 Ports: → "Fragment Length [ms]" input, control, 20 to 1600, default 415
9910 → "Dry Level [dB]" input, control, -90 to 20, default -90
9911 → "Wet Level [dB]" input, control, -90 to 20, default 0
9912 → "Input" input, audio
9913 → "Output" output, audio
9914
9915 [:: tap_reverb.dll ::]
9916
9917 Plugin Name: "TAP Reverberator"
9918 Plugin Label: "tap_reverb"
9919 Plugin Unique ID: 2142
9920 Maker: "Tom Szilagyi"
9921 Copyright: "GPL"
```

```
9922 Must Run Real-Time: No
9923 Has activate() Function: Yes
9924 Has deactivate() Function: No
9925 Has run_adding() Function: Yes
9926 Environment: Normal
9927 Ports:→"Decay [ms]" input, control, 0 to 10000, default 2500
9928 →"Dry Level [dB]" input, control, -70 to 10, default 0
9929 →"Wet Level [dB]" input, control, -70 to 10, default 0
9930 →"Comb Filters" input, control, toggled, default 1
9931 →"Allpass Filters" input, control, toggled, default 1
9932 →"Bandpass Filter" input, control, toggled, default 1
9933 →"Enhanced Stereo" input, control, toggled, default 1
9934 →"Reverb Type" input, control, 0 to 42.1, default 0, integer
9935 →"Input Left" input, audio
9936 →"Output Left" output, audio
9937 →"Input Right" input, audio
9938 →"Output Right" output, audio
9939
9940 [:: tap_rotspeak.dll ::]
9941
9942 Plugin Name: "TAP Rotary Speaker"
9943 Plugin Label: "tap_rotspeak"
9944 Plugin Unique ID: 2149
9945 Maker: "Tom Szilagy"
9946 Copyright: "GPL"
9947 Must Run Real-Time: No
9948 Has activate() Function: Yes
9949 Has deactivate() Function: No
9950 Has run_adding() Function: Yes
9951 Environment: Normal or Hard Real-Time
9952 Ports:→"Rotor Frequency [Hz]" input, control, 0 to 30, default 0
9953 →"Horn Frequency [Hz]" input, control, 0 to 30, default 0
9954 →"Mic Distance [%]" input, control, 0 to 100, default 25
9955 →"Rotor/Horn Mix" input, control, 0 to 1, default 0.5
9956 →"latency" output, control, 0 to 9200, default 9200
9957 →"Input L" input, audio
9958 →"Input R" input, audio
9959 →"Output L" output, audio
9960 →"Output R" output, audio
9961
9962 [:: tap_sigmoid.dll ::]
9963
9964 Plugin Name: "TAP Sigmoid Booster"
9965 Plugin Label: "tap_sigmoid"
9966 Plugin Unique ID: 2157
9967 Maker: "Tom Szilagy"
9968 Copyright: "GPL"
9969 Must Run Real-Time: No
9970 Has activate() Function: No
9971 Has deactivate() Function: No
9972 Has run_adding() Function: Yes
9973 Environment: Normal or Hard Real-Time
```

```

9974 Ports:→"Pre Gain [dB]" input, control, -90 to 20, default 0
9975 →"Post Gain [dB]" input, control, -90 to 20, default 0
9976 →"Input" input, audio
9977 →"Output" output, audio

```

```
9978
```

```
9979 [:: tap_tremolo.dll ::]
```

```
9980
```

```

9981 Plugin Name: "TAP Tremolo"
9982 Plugin Label: "tap_tremolo"
9983 Plugin Unique ID: 2144
9984 Maker: "Tom Szilagy"
9985 Copyright: "GPL"
9986 Must Run Real-Time: No
9987 Has activate() Function: Yes
9988 Has deactivate() Function: No
9989 Has run_adding() Function: Yes
9990 Environment: Normal or Hard Real-Time
9991 Ports:→"Frequency [Hz]" input, control, 0 to 20, default 0
9992 →"Depth [%]" input, control, 0 to 100, default 0
9993 →"Gain [dB]" input, control, -70 to 20, default 0
9994 →"Input_0" input, audio
9995 →"Output_0" output, audio

```

```
9996
```

```
9997 [:: tap_tubewarmth.dll ::]
```

```
9998
```

```

9999 Plugin Name: "TAP TubeWarmth"
10000 Plugin Label: "tap_tubewarmth"
10001 Plugin Unique ID: 2158
10002 Maker: "Tom Szilagy"
10003 Copyright: "GPL"
10004 Must Run Real-Time: No
10005 Has activate() Function: No
10006 Has deactivate() Function: No
10007 Has run_adding() Function: Yes
10008 Environment: Normal or Hard Real-Time
10009 Ports:→"Drive" input, control, 0.1 to 10, default 2.575
10010 →"Tape--Tube Blend" input, control, -10 to 10, default 10
10011 →"Input" input, audio
10012 →"Output" output, audio

```

```
10013
```

```
10014 [:: tap_vibrato.dll ::]
```

```
10015
```

```

10016 Plugin Name: "TAP Vibrato"
10017 Plugin Label: "tap_vibrato"
10018 Plugin Unique ID: 2148
10019 Maker: "Tom Szilagy"
10020 Copyright: "GPL"
10021 Must Run Real-Time: No
10022 Has activate() Function: Yes
10023 Has deactivate() Function: No
10024 Has run_adding() Function: Yes
10025 Environment: Normal or Hard Real-Time

```

```
10026 Ports:→"Frequency [Hz]" input, control, 0 to 30, default 0
10027 →"Depth [%]" input, control, 0 to 20, default 0
10028 →"Dry Level [dB]" input, control, -90 to 20, default -90
10029 →"Wet Level [dB]" input, control, -90 to 20, default 0
10030 →"latency" output, control, 0 to 6300, default 6300
10031 →"Input" input, audio
10032 →"Output" output, audio
```

```
10033
10034 [:: tester.dll ::]
```

```
10035
10036 Plugin Name: "tester"
10037 Plugin Label: "tester"
10038 Plugin Unique ID: 387
10039 Maker: "undefined"
10040 Copyright: "undefined"
10041 Must Run Real-Time: No
10042 Has activate() Function: Yes
10043 Has deactivate() Function: Yes
10044 Has run_adding() Function: No
10045 Environment: Normal or Hard Real-Time
10046 Ports:→"output00" output, audio
10047 →"output01" output, audio
10048 →"output02" output, audio
10049 →"output03" output, audio
10050 →"output04" output, audio
10051 →"output05" output, audio
10052 →"output06" output, audio
10053 →"output07" output, audio
10054 →"freq" input, control, 10 to 20000
10055 →"volume" input, control, -96 to 0
10056 →"destination" input, control, 0 to 8
10057 →"pinknoise" input, control, toggled
10058 →"sinewave" input, control, toggled
10059 →"whitenoise" input, control, toggled
```

```
10060
10061 [:: tibetanBowl.dll ::]
```

```
10062
10063 Plugin Name: "tibetanBowl"
10064 Plugin Label: "tibetanBowl"
10065 Plugin Unique ID: 373
10066 Maker: "undefined"
10067 Copyright: "undefined"
10068 Must Run Real-Time: No
10069 Has activate() Function: Yes
10070 Has deactivate() Function: Yes
10071 Has run_adding() Function: No
10072 Environment: Normal or Hard Real-Time
10073 Ports:→"output00" output, audio
10074 →"output01" output, audio
10075 →"basicparameters-freq" input, control, 20 to 20000
10076 →"basicparameters-gain" input, control, 0 to 1
10077 →"basicparameters-gate" input, control, toggled
```

```
10078 →"physicalandnonlinearity-nonlinearfilterparameters-modulationfrequency"
input, control, 20 to 1000
10079 →"physicalandnonlinearity-nonlinearfilterparameters-modulationtype"
input, control, 0 to 4
10080 →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearity" input,
control, 0 to 1
10081 →"physicalandnonlinearity-physicalparameters-basegain" input, control, 0
to 1
10082 →"physicalandnonlinearity-physicalparameters-bowpressure" input,
control, 0 to 1
10083 →"physicalandnonlinearity-physicalparameters-excitationselector" input,
control, 0 to 1
10084 →"physicalandnonlinearity-physicalparameters-integrationconstant" input,
control, 0 to 1
10085 →"reverb-reverbgain" input, control, 0 to 1
10086 →"reverb-roomsize" input, control, 0.01 to 2
10087 →"spat-panangle" input, control, 0 to 1
10088 →"spat-spatialwidth" input, control, 0 to 1
10089
10090 [:: tracker_2025.dll ::]
10091
10092 Plugin Name: "Signal Tracker (Audio Rates)"
10093 Plugin Label: "tracker_gaaadaia_oa"
10094 Plugin Unique ID: 2025
10095 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
10096 Copyright: "GPL"
10097 Must Run Real-Time: No
10098 Has activate() Function: Yes
10099 Has deactivate() Function: No
10100 Has run_adding() Function: No
10101 Environment: Normal or Hard Real-Time
10102 Ports: →"Gate" input, audio
10103 →"Attack Rate (Hz) when Gate High" input, audio, 2.08333e-005*srate to
0.5*srate, default 100, logarithmic
10104 →"Decay Rate (Hz) when Gate High" input, audio, 2.08333e-005*srate to
0.5*srate, default 100, logarithmic
10105 →"Attack Rate (Hz) when Gate Low" input, audio, 2.08333e-005*srate to
0.5*srate, default 100, logarithmic
10106 →"Decay Rate (Hz) when Gate Low" input, audio, 2.08333e-005*srate to
0.5*srate, default 100, logarithmic
10107 →"Input" input, audio
10108 →"Output" output, audio
10109
10110 Plugin Name: "Signal Tracker (Control Rates)"
10111 Plugin Label: "tracker_gaacdcia_oa"
10112 Plugin Unique ID: 2026
10113 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
10114 Copyright: "GPL"
10115 Must Run Real-Time: No
10116 Has activate() Function: Yes
10117 Has deactivate() Function: No
10118 Has run_adding() Function: No
```

```

10119 Environment: Normal or Hard Real-Time
10120 Ports: → "Gate" input, audio
10121 → "Attack Rate (Hz) when Gate High" input, control, 2.08333e-005*srate to
0.5*srate, default 100, logarithmic
10122 → "Decay Rate (Hz) when Gate High" input, control, 2.08333e-005*srate to
0.5*srate, default 100, logarithmic
10123 → "Attack Rate (Hz) when Gate Low" input, control, 2.08333e-005*srate to
0.5*srate, default 100, logarithmic
10124 → "Decay Rate (Hz) when Gate Low" input, control, 2.08333e-005*srate to
0.5*srate, default 100, logarithmic
10125 → "Input" input, audio
10126 → "Output" output, audio
10127
10128 [:: transient_1206.dll ::]
10129
10130 Plugin Name: "Transient mangler"
10131 Plugin Label: "transient"
10132 Plugin Unique ID: 1206
10133 Maker: "Steve Harris <steve@plugin.org.uk>"
10134 Copyright: "GPL"
10135 Must Run Real-Time: No
10136 Has activate() Function: Yes
10137 Has deactivate() Function: No
10138 Has run_adding() Function: Yes
10139 Environment: Normal or Hard Real-Time
10140 Ports: → "Attack speed" input, control, -1 to 1, default 0
10141 → "Sustain time" input, control, -1 to 1, default 0
10142 → "Input" input, audio, -1 to 1
10143 → "Output" output, audio, -1 to 1
10144
10145 [:: triangle_1649.dll ::]
10146
10147 Plugin Name: "Bandlimited Variable Slope Triangle Oscillator (FASA)"
10148 Plugin Label: "triangle_fasa_oa"
10149 Plugin Unique ID: 1649
10150 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
10151 Copyright: "GPL"
10152 Must Run Real-Time: No
10153 Has activate() Function: Yes
10154 Has deactivate() Function: No
10155 Has run_adding() Function: No
10156 Environment: Normal or Hard Real-Time
10157 Ports: → "Frequency" input, audio, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
10158 → "Slope" input, audio, 0 to 1, default 0.5
10159 → "Output" output, audio
10160
10161 Plugin Name: "Bandlimited Variable Slope Triangle Oscillator (FASC)"
10162 Plugin Label: "triangle_fasc_oa"
10163 Plugin Unique ID: 1650
10164 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
10165 Copyright: "GPL"

```

```
10166 Must Run Real-Time: No
10167 Has activate() Function: Yes
10168 Has deactivate() Function: No
10169 Has run_adding() Function: No
10170 Environment: Normal or Hard Real-Time
10171 Ports:→"Frequency" input, audio, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
10172 →"Slope" input, control, 0 to 1, default 0.5
10173 →"Output" output, audio
10174
10175 Plugin Name: "Bandlimited Variable Slope Triangle Oscillator (FCSC)"
10176 Plugin Label: "triangle_fcsc_oa"
10177 Plugin Unique ID: 1651
10178 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
10179 Copyright: "GPL"
10180 Must Run Real-Time: No
10181 Has activate() Function: Yes
10182 Has deactivate() Function: No
10183 Has run_adding() Function: No
10184 Environment: Normal or Hard Real-Time
10185 Ports:→"Frequency" input, control, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
10186 →"Slope" input, audio, 0 to 1, default 0.5
10187 →"Output" output, audio
10188
10189 Plugin Name: "Bandlimited Variable Slope Triangle Oscillator (FCSC)"
10190 Plugin Label: "triangle_fcsc_oa"
10191 Plugin Unique ID: 1652
10192 Maker: "Mike Rawes <mike_rawes[at]yahoo.co.uk>"
10193 Copyright: "GPL"
10194 Must Run Real-Time: No
10195 Has activate() Function: Yes
10196 Has deactivate() Function: No
10197 Has run_adding() Function: No
10198 Environment: Normal or Hard Real-Time
10199 Ports:→"Frequency" input, control, 2.08333e-005*srate to 0.5*srate,
default 440, logarithmic
10200 →"Slope" input, control, 0 to 1, default 0.5
10201 →"Output" output, audio
10202
10203 [:: triple_para_1204.dll ::]
10204
10205 Plugin Name: "Triple band parametric with shelves"
10206 Plugin Label: "triplePara"
10207 Plugin Unique ID: 1204
10208 Maker: "Steve Harris <steve@plugin.org.uk>"
10209 Copyright: "GPL"
10210 Must Run Real-Time: No
10211 Has activate() Function: Yes
10212 Has deactivate() Function: No
10213 Has run_adding() Function: Yes
10214 Environment: Normal or Hard Real-Time
```

```

10215 Ports:→"Low-shelving gain (dB)" input, control, -70 to 30, default 0
10216 →"Low-shelving frequency (Hz)" input, control, 0.0001*srate to
0.49*srate, default 0.0001*srate, logarithmic
10217 →"Low-shelving slope" input, control, 0 to 1, default 0.5
10218 →"Band 1 gain (dB)" input, control, -70 to 30, default 0
10219 →"Band 1 frequency (Hz)" input, control, 0.0001*srate to 0.49*srate,
default 0.00083666*srate, logarithmic
10220 →"Band 1 bandwidth (octaves)" input, control, 0 to 4, default 1
10221 →"Band 2 gain (dB)" input, control, -70 to 30, default 0
10222 →"Band 2 frequency (Hz)" input, control, 0.0001*srate to 0.49*srate,
default 0.007*srate, logarithmic
10223 →"Band 2 bandwidth (octaves)" input, control, 0 to 4, default 1
10224 →"Band 3 gain (dB)" input, control, -70 to 30, default 0
10225 →"Band 3 frequency (Hz)" input, control, 0.0001*srate to 0.49*srate,
default 0.0585662*srate, logarithmic
10226 →"Band 3 bandwidth (octaves)" input, control, 0 to 4, default 1
10227 →"High-shelving gain (dB)" input, control, -70 to 30, default 0
10228 →"High-shelving frequency (Hz)" input, control, 0.0001*srate to
0.49*srate, default 0.49*srate, logarithmic
10229 →"High-shelving slope" input, control, 0 to 1, default 0.5
10230 →"Input" input, audio, -1 to 1
10231 →"Output" output, audio, -1 to 1
10232
10233 [:: tunedBar.dll ::]
10234
10235 Plugin Name: "tunedBar"
10236 Plugin Label: "tunedBar"
10237 Plugin Unique ID: 603
10238 Maker: "undefined"
10239 Copyright: "undefined"
10240 Must Run Real-Time: No
10241 Has activate() Function: Yes
10242 Has deactivate() Function: Yes
10243 Has run_adding() Function: No
10244 Environment: Normal or Hard Real-Time
10245 Ports:→"output00" output, audio
10246 →"output01" output, audio
10247 →"basicparameters-freq" input, control, 20 to 20000
10248 →"basicparameters-gain" input, control, 0 to 1
10249 →"basicparameters-gate" input, control, toggled
10250 →"physicalandnonlinearity-nonlinearfilterparameters-modulationfrequency"
input, control, 20 to 1000
10251 →"physicalandnonlinearity-nonlinearfilterparameters-modulationtype"
input, control, 0 to 4
10252 →"physicalandnonlinearity-nonlinearfilterparameters-nonlinearity" input,
control, 0 to 1
10253 →"physicalandnonlinearity-physicalparameters-basegain" input, control, 0
to 1
10254 →"physicalandnonlinearity-physicalparameters-bowpressure" input,
control, 0 to 1
10255 →"physicalandnonlinearity-physicalparameters-excitationselector" input,
control, 0 to 1

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10256 →"physicalandnonlinearity-physicalparameters-integrationconstant" input,
control, 0 to 1
10257 →"reverb-reverbgain" input, control, 0 to 1
10258 →"reverb-roomsize" input, control, 0.01 to 2
10259 →"spat-panangle" input, control, 0 to 1
10260 →"spat-spatialwidth" input, control, 0 to 1
10261
10262 [:: uniBar.dll ::]
10263
10264 Plugin Name: "uniBar"
10265 Plugin Label: "uniBar"
10266 Plugin Unique ID: 67
10267 Maker: "undefined"
10268 Copyright: "undefined"
10269 Must Run Real-Time: No
10270 Has activate() Function: Yes
10271 Has deactivate() Function: Yes
10272 Has run_adding() Function: No
10273 Environment: Normal or Hard Real-Time
10274 Ports: →"output00" output, audio
10275 →"output01" output, audio
10276 →"basicparameters-freq" input, control, 20 to 20000
10277 →"basicparameters-gain" input, control, 0 to 1
10278 →"basicparameters-gate" input, control, toggled
10279 →"physicalandnonlinearity-physicalparameters-basegain" input, control, 0
to 1
10280 →"physicalandnonlinearity-physicalparameters-bowpressure" input,
control, 0 to 1
10281 →"physicalandnonlinearity-physicalparameters-excitationselector" input,
control, 0 to 1
10282 →"physicalandnonlinearity-physicalparameters-integrationconstant" input,
control, 0 to 1
10283 →"reverb-reverbgain" input, control, 0 to 1
10284 →"reverb-roomsize" input, control, 0.01 to 2
10285 →"spat-panangle" input, control, 0 to 1
10286 →"spat-spatialwidth" input, control, 0 to 1
10287
10288 [:: unmatched.dll ::]
10289
10290 Plugin Name: "unmatched (Amp Tone)"
10291 Plugin Label: "unmatched"
10292 Plugin Unique ID: 1761
10293 Maker: "Tim Goetze <tim@quitte.de>"
10294 Copyright: "GPL, (C) 2002 <tim@quitte.de>"
10295 Must Run Real-Time: No
10296 Has activate() Function: Yes
10297 Has deactivate() Function: No
10298 Has run_adding() Function: Yes
10299 Environment: Normal or Hard Real-Time
10300 Ports: →"in" input, audio, -1 to 1, default 0
10301 →"out" output, audio, -1 to 1, default 0
10302

```

```
10303 [:: valve_1209.dll ::]
10304
10305 Plugin Name: "Valve saturation"
10306 Plugin Label: "valve"
10307 Plugin Unique ID: 1209
10308 Maker: "Steve Harris <steve@plugin.org.uk>"
10309 Copyright: "GPL"
10310 Must Run Real-Time: No
10311 Has activate() Function: Yes
10312 Has deactivate() Function: No
10313 Has run_adding() Function: Yes
10314 Environment: Normal or Hard Real-Time
10315 Ports: → "Distortion level" input, control, 0 to 1, default 0
10316 → "Distortion character" input, control, 0 to 1, default 0
10317 → "Input" input, audio
10318 → "Output" output, audio
10319
10320 [:: valve_rect_1405.dll ::]
10321
10322 Plugin Name: "Valve rectifier"
10323 Plugin Label: "valveRect"
10324 Plugin Unique ID: 1405
10325 Maker: "Steve Harris <steve@plugin.org.uk>"
10326 Copyright: "GPL"
10327 Must Run Real-Time: No
10328 Has activate() Function: Yes
10329 Has deactivate() Function: No
10330 Has run_adding() Function: Yes
10331 Environment: Normal or Hard Real-Time
10332 Ports: → "Sag level" input, control, 0 to 1, default 0
10333 → "Distortion" input, control, 0 to 1, default 0
10334 → "Input" input, audio
10335 → "Output" output, audio
10336
10337 [:: vcf.dll ::]
10338
10339 Plugin Name: "Resonant Lowpass Filter"
10340 Plugin Label: "vcf_reslp"
10341 Plugin Unique ID: 1721
10342 Maker: "LADSPA code by Matthias Nagorni, Filter formula by Paul Kellett"
10343 Copyright: "GPL"
10344 Must Run Real-Time: No
10345 Has activate() Function: Yes
10346 Has deactivate() Function: No
10347 Has run_adding() Function: No
10348 Environment: Normal or Hard Real-Time
10349 Ports: → "Input" input, audio
10350 → "Output" output, audio
10351 → "Gain" input, control, 0 to 1
10352 → "Frequency Offset" input, control, 20 to 20000
10353 → "Frequency Pitch" input, control, -2 to 2
10354 → "Resonance Offset" input, control, 0.001 to 1
```

```
10355
10356 Plugin Name: "Lowpass Filter"
10357 Plugin Label: "vcf_lp"
10358 Plugin Unique ID: 1722
10359 Maker: "LADSPA code by Matthias Nagorni, Filter formula by Robert
Bristow-Johnson"
10360 Copyright: "GPL"
10361 Must Run Real-Time: No
10362 Has activate() Function: Yes
10363 Has deactivate() Function: No
10364 Has run_adding() Function: No
10365 Environment: Normal or Hard Real-Time
10366 Ports:→"Input" input, audio
10367 →"Output" output, audio
10368 →"Gain" input, control, 0 to 1
10369 →"Frequency Offset" input, control, 20 to 20000
10370 →"Frequency Pitch" input, control, -2 to 2
10371 →"Resonance Offset" input, control, 0.001 to 1
10372
10373 Plugin Name: "Highpass Filter"
10374 Plugin Label: "vcf_hp"
10375 Plugin Unique ID: 1723
10376 Maker: "LADSPA code by Matthias Nagorni, Filter formula by Robert
Bristow-Johnson"
10377 Copyright: "GPL"
10378 Must Run Real-Time: No
10379 Has activate() Function: Yes
10380 Has deactivate() Function: No
10381 Has run_adding() Function: No
10382 Environment: Normal or Hard Real-Time
10383 Ports:→"Input" input, audio
10384 →"Output" output, audio
10385 →"Gain" input, control, 0 to 1
10386 →"Frequency Offset" input, control, 20 to 20000
10387 →"Frequency Pitch" input, control, -2 to 2
10388 →"Resonance Offset" input, control, 0.001 to 1
10389
10390 Plugin Name: "Bandpass Filter I"
10391 Plugin Label: "vcf_bp1"
10392 Plugin Unique ID: 1724
10393 Maker: "LADSPA code by Matthias Nagorni, Filter formula by Robert
Bristow-Johnson"
10394 Copyright: "GPL"
10395 Must Run Real-Time: No
10396 Has activate() Function: Yes
10397 Has deactivate() Function: No
10398 Has run_adding() Function: No
10399 Environment: Normal or Hard Real-Time
10400 Ports:→"Input" input, audio
10401 →"Output" output, audio
10402 →"Gain" input, control, 0 to 1
10403 →"Frequency Offset" input, control, 20 to 20000
```

```
10404 →"Frequency Pitch" input, control, -2 to 2
10405 →"Resonance Offset" input, control, 0.001 to 1
10406
10407 Plugin Name: "Bandpass Filter II"
10408 Plugin Label: "vcf_bp2"
10409 Plugin Unique ID: 1725
10410 Maker: "LADSPA code by Matthias Nagorni, Filter formula by Robert
Bristow-Johnson"
10411 Copyright: "GPL"
10412 Must Run Real-Time: No
10413 Has activate() Function: Yes
10414 Has deactivate() Function: No
10415 Has run_adding() Function: No
10416 Environment: Normal or Hard Real-Time
10417 Ports: →"Input" input, audio
10418 →"Output" output, audio
10419 →"Gain" input, control, 0 to 1
10420 →"Frequency Offset" input, control, 20 to 20000
10421 →"Frequency Pitch" input, control, -2 to 2
10422 →"Resonance Offset" input, control, 0.001 to 1
10423
10424 Plugin Name: "Notch Filter"
10425 Plugin Label: "vcf_notch"
10426 Plugin Unique ID: 1726
10427 Maker: "LADSPA code by Matthias Nagorni, Filter formula by Robert
Bristow-Johnson"
10428 Copyright: "GPL"
10429 Must Run Real-Time: No
10430 Has activate() Function: Yes
10431 Has deactivate() Function: No
10432 Has run_adding() Function: No
10433 Environment: Normal or Hard Real-Time
10434 Ports: →"Input" input, audio
10435 →"Output" output, audio
10436 →"Gain" input, control, 0 to 1
10437 →"Frequency Offset" input, control, 20 to 20000
10438 →"Frequency Pitch" input, control, -2 to 2
10439 →"Resonance Offset" input, control, 0.001 to 1
10440
10441 Plugin Name: "Peaking EQ Filter"
10442 Plugin Label: "vcf_peakeq"
10443 Plugin Unique ID: 1727
10444 Maker: "LADSPA code by Matthias Nagorni, Filter formula by Robert
Bristow-Johnson"
10445 Copyright: "GPL"
10446 Must Run Real-Time: No
10447 Has activate() Function: Yes
10448 Has deactivate() Function: No
10449 Has run_adding() Function: No
10450 Environment: Normal or Hard Real-Time
10451 Ports: →"Input" input, audio
10452 →"Output" output, audio
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10453  →"Gain" input, control, 0 to 1
10454  →"Frequency Offset" input, control, 20 to 20000
10455  →"Frequency Pitch" input, control, -2 to 2
10456  →"Resonance Offset" input, control, 0.001 to 1
10457  →"dBgain Offset" input, control, 6 to 24
10458
10459  Plugin Name: "Low Shelf Filter"
10460  Plugin Label: "vcf_lshelf"
10461  Plugin Unique ID: 1728
10462  Maker: "LADSPA code by Matthias Nagorni, Filter formula by Robert
Bristow-Johnson"
10463  Copyright: "GPL"
10464  Must Run Real-Time: No
10465  Has activate() Function: Yes
10466  Has deactivate() Function: No
10467  Has run_adding() Function: No
10468  Environment: Normal or Hard Real-Time
10469  Ports: →"Input" input, audio
10470  →"Output" output, audio
10471  →"Gain" input, control, 0 to 1
10472  →"Frequency Offset" input, control, 20 to 20000
10473  →"Frequency Pitch" input, control, -2 to 2
10474  →"Resonance Offset" input, control, 0.001 to 1
10475  →"dBgain Offset" input, control, 6 to 24
10476
10477  Plugin Name: "High Shelf Filter"
10478  Plugin Label: "vcf_hshelf"
10479  Plugin Unique ID: 1729
10480  Maker: "LADSPA code by Matthias Nagorni, Filter formula by Robert
Bristow-Johnson"
10481  Copyright: "GPL"
10482  Must Run Real-Time: No
10483  Has activate() Function: Yes
10484  Has deactivate() Function: No
10485  Has run_adding() Function: No
10486  Environment: Normal or Hard Real-Time
10487  Ports: →"Input" input, audio
10488  →"Output" output, audio
10489  →"Gain" input, control, 0 to 1
10490  →"Frequency Offset" input, control, 20 to 20000
10491  →"Frequency Pitch" input, control, -2 to 2
10492  →"Resonance Offset" input, control, 0.001 to 1
10493  →"dBgain Offset" input, control, 6 to 24
10494
10495  [:: vcf_wah_pedals.dll ::]
10496
10497  Plugin Name: "vcf_wah_pedals"
10498  Plugin Label: "vcf_wah_pedals"
10499  Plugin Unique ID: 4294966420
10500  Maker: "undefined"
10501  Copyright: "undefined"
10502  Must Run Real-Time: No
```

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10503 Has activate() Function: Yes
10504 Has deactivate() Function: Yes
10505 Has run_adding() Function: No
10506 Environment: Normal or Hard Real-Time
10507 Ports:→"input00" input, audio
10508 →"output00" output, audio
10509 →"output01" output, audio
10510 →"sawtoothoscillator-amplitude" input, control, -120 to 10
10511 →"sawtoothoscillator-frequency" input, control, 1 to 88
10512 →"sawtoothoscillator-detuning1" input, control, -10 to 10
10513 →"sawtoothoscillator-detuning2" input, control, -10 to 10
10514 →"sawtoothoscillator-portamento" input, control, 0.01 to 1
10515 →"sawtoothoscillator-alternatesignals-pinknoiseinstead" input, control,
toggled
10516 →"sawtoothoscillator-alternatesignals-externalinputinstead" input,
control, toggled
10517 →"crybaby-bypass" input, control, toggled
10518 →"crybaby-wahparameter" input, control, 0 to 1
10519 →"wah4-bypass" input, control, toggled
10520 →"wah4-resonancefrequency" input, control, 100 to 2000
10521 →"moogvcf-bypass" input, control, toggled
10522 →"moogvcf-usebiquads" input, control, toggled
10523 →"moogvcf-normalizedladders" input, control, toggled
10524 →"moogvcf-vcfoutputlevel" input, control, -60 to 20
10525 →"moogvcf-cornerfrequency" input, control, 1 to 88
10526 →"moogvcf-cornerresonance" input, control, 0 to 1
10527 →"constant-qspectrumanalyzer-" output, control, -50 to 10
10528 →"constant-qspectrumanalyzer-" output, control, -50 to 10
10529 →"constant-qspectrumanalyzer-" output, control, -50 to 10
10530 →"constant-qspectrumanalyzer-" output, control, -50 to 10
10531 →"constant-qspectrumanalyzer-" output, control, -50 to 10
10532 →"constant-qspectrumanalyzer-" output, control, -50 to 10
10533 →"constant-qspectrumanalyzer-" output, control, -50 to 10
10534 →"constant-qspectrumanalyzer-" output, control, -50 to 10
10535 →"constant-qspectrumanalyzer-" output, control, -50 to 10
10536 →"constant-qspectrumanalyzer-" output, control, -50 to 10
10537 →"constant-qspectrumanalyzer-" output, control, -50 to 10
10538 →"constant-qspectrumanalyzer-" output, control, -50 to 10
10539 →"constant-qspectrumanalyzer-" output, control, -50 to 10
10540 →"constant-qspectrumanalyzer-" output, control, -50 to 10
10541 →"constant-qspectrumanalyzer-" output, control, -50 to 10
10542 →"spectrumanalyzercontrols-levelaveragingtime" input, control, 0 to 1
10543 →"spectrumanalyzercontrols-leveldboffset" input, control, 0 to 100
10544
10545 [:: vlevel-ladspa.dll ::]
10546
10547 Plugin Name: "VLevel (Mono)"
10548 Plugin Label: "vlevel_mono"
10549 Plugin Unique ID: 1981
10550 Maker: "Tom Felker"
10551 Copyright: "GPL"
10552 Must Run Real-Time: No

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10553 Has activate() Function: Yes
10554 Has deactivate() Function: Yes
10555 Has run_adding() Function: No
10556 Environment: Normal
10557 Ports: → "Look-ahead (seconds)" input, control, 0 to 5, default 2.5
10558 → "Strength" input, control, 0 to 1, default 0.75
10559 → "Use Maximum Multiplier" input, control, toggled, default 1
10560 → "Maximum Multiplier" input, control, 0 to 20, default 10
10561 → "Undo" input, control, toggled, default 0
10562 → "Current Multiplier" output, control, 0 to 20
10563 → "Input 1" input, audio
10564 → "Output 1" output, audio
10565
10566 Plugin Name: "VLevel (Stereo)"
10567 Plugin Label: "vlevel_stereo"
10568 Plugin Unique ID: 1982
10569 Maker: "Tom Felker"
10570 Copyright: "GPL"
10571 Must Run Real-Time: No
10572 Has activate() Function: Yes
10573 Has deactivate() Function: Yes
10574 Has run_adding() Function: No
10575 Environment: Normal
10576 Ports: → "Look-ahead (seconds)" input, control, 0 to 5, default 2.5
10577 → "Strength" input, control, 0 to 1, default 0.75
10578 → "Use Maximum Multiplier" input, control, toggled, default 1
10579 → "Maximum Multiplier" input, control, 0 to 20, default 10
10580 → "Undo" input, control, toggled, default 0
10581 → "Current Multiplier" output, control, 0 to 20
10582 → "Input 1" input, audio
10583 → "Output 1" output, audio
10584 → "Input 2" input, audio
10585 → "Output 2" output, audio
10586
10587 [:: voiceForm.dll ::]
10588
10589 Plugin Name: "voiceForm"
10590 Plugin Label: "voiceForm"
10591 Plugin Unique ID: 830
10592 Maker: "undefined"
10593 Copyright: "undefined"
10594 Must Run Real-Time: No
10595 Has activate() Function: Yes
10596 Has deactivate() Function: Yes
10597 Has run_adding() Function: No
10598 Environment: Normal or Hard Real-Time
10599 Ports: → "output00" output, audio
10600 → "output01" output, audio
10601 → "basicparameters-freq" input, control, 20 to 20000
10602 → "basicparameters-gain" input, control, 0 to 1
10603 → "basicparameters-gate" input, control, toggled
10604 → "envelopesandvibrato-envelopeparameters-noisedattack" input, control, 0
```

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to 2
10605  →"envelopesandvibrato-envelopeparameters-noisedrelease" input, control,
0 to 2
10606  →"envelopesandvibrato-envelopeparameters-voicedattack" input, control, 0
to 2
10607  →"envelopesandvibrato-envelopeparameters-voicedrelease" input, control,
0 to 2
10608  →"envelopesandvibrato-vibratoparameters-vibratoattack" input, control, 0
to 2
10609  →"envelopesandvibrato-vibratoparameters-vibratobegin" input, control, 0
to 2
10610  →"envelopesandvibrato-vibratoparameters-vibratofreq" input, control, 1
to 15
10611  →"envelopesandvibrato-vibratoparameters-vibratogain" input, control, 0
to 1
10612  →"envelopesandvibrato-vibratoparameters-vibratorelease" input, control,
0 to 2
10613  →"physicalparameters-phoneme" input, control, 0 to 31
10614  →"reverb-reverbgain" input, control, 0 to 1
10615  →"reverb-roomsize" input, control, 0.01 to 2
10616  →"spat-panangle" input, control, 0 to 1
10617  →"spat-spatialwidth" input, control, 0 to 1
10618
10619  [:: volume.dll ::]
10620
10621  Plugin Name: "volume"
10622  Plugin Label: "volume"
10623  Plugin Unique ID: 694
10624  Maker: "undefined"
10625  Copyright: "undefined"
10626  Must Run Real-Time: No
10627  Has activate() Function: Yes
10628  Has deactivate() Function: Yes
10629  Has run_adding() Function: No
10630  Environment: Normal or Hard Real-Time
10631  Ports: →"input00" input, audio
10632  →"output00" output, audio
10633  →"volume-" input, control, -70 to 4
10634
10635  [:: vumeter.dll ::]
10636
10637  Plugin Name: "vumeter"
10638  Plugin Label: "vumeter"
10639  Plugin Unique ID: 43
10640  Maker: "undefined"
10641  Copyright: "undefined"
10642  Must Run Real-Time: No
10643  Has activate() Function: Yes
10644  Has deactivate() Function: Yes
10645  Has run_adding() Function: No
10646  Environment: Normal or Hard Real-Time
10647  Ports: →"input00" input, audio

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10648 →"output00" output, audio
10649 →"vumeter-" output, control, -70 to 5
10650
10651 [:: vynil_1905.dll ::]
10652
10653 Plugin Name: "VyNil (Vinyl Effect)"
10654 Plugin Label: "vynil"
10655 Plugin Unique ID: 1905
10656 Maker: "Steve Harris <steve@plugin.org.uk>"
10657 Copyright: "GPL"
10658 Must Run Real-Time: No
10659 Has activate() Function: Yes
10660 Has deactivate() Function: No
10661 Has run_adding() Function: Yes
10662 Environment: Normal or Hard Real-Time
10663 Ports: →"Year" input, control, 1900 to 1990, default 1990
10664 →"RPM" input, control, 33 to 78, default 33
10665 →"Surface warping" input, control, 0 to 1, default 0
10666 →"Crackle" input, control, 0 to 1, default 0
10667 →"Wear" input, control, 0 to 1, default 0
10668 →"Input L" input, audio
10669 →"Input R" input, audio
10670 →"Output L" output, audio
10671 →"Output R" output, audio
10672
10673 [:: wasp-booster.dll ::]
10674
10675 Plugin Name: "Clipping Booster (mono)"
10676 Plugin Label: "BoosterM"
10677 Plugin Unique ID: 2545
10678 Maker: "Artemiy Pavlov"
10679 Copyright: "(c)2005 GPL"
10680 Must Run Real-Time: No
10681 Has activate() Function: No
10682 Has deactivate() Function: No
10683 Has run_adding() Function: No
10684 Environment: Normal or Hard Real-Time
10685 Ports: →"Curve" input, control, 0 to 1, default 0
10686 →"Gain (dB)" input, control, 0 to 36, default 0, integer
10687 →"Clip" input, control, 0 to 1, default 1
10688 →"Input" input, audio
10689 →"Output" output, audio
10690
10691 Plugin Name: "Clipping Booster (stereo)"
10692 Plugin Label: "BoosterS"
10693 Plugin Unique ID: 2546
10694 Maker: "Artemiy Pavlov"
10695 Copyright: "(c)2005 GPL"
10696 Must Run Real-Time: No
10697 Has activate() Function: No
10698 Has deactivate() Function: No
10699 Has run_adding() Function: No
```

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10700 Environment: Normal or Hard Real-Time
10701 Ports:→"Curve" input, control, 0 to 1, default 0
10702 →"Gain (dB)" input, control, 0 to 36, default 0, integer
10703 →"Clip" input, control, 0 to 1, default 1
10704 →"Input L" input, audio
10705 →"Output L" output, audio
10706 →"Input R" input, audio
10707 →"Output R" output, audio
10708
10709 [:: wasp-noise_variable.dll ::]
10710
10711 Plugin Name: "Variable Noise (mono)"
10712 Plugin Label: "VariNoiseM"
10713 Plugin Unique ID: 2541
10714 Maker: "Artemiy Pavlov"
10715 Copyright: "(c)2005 GPL"
10716 Must Run Real-Time: No
10717 Has activate() Function: No
10718 Has deactivate() Function: No
10719 Has run_adding() Function: No
10720 Environment: Normal or Hard Real-Time
10721 Ports:→"Noise Type" input, control, 1 to 2, default 1, integer
10722 →"Density" input, control, 0 to 1, default 1
10723 →"Output" output, audio
10724
10725 Plugin Name: "Variable Noise (stereo)"
10726 Plugin Label: "VariNoiseS"
10727 Plugin Unique ID: 2542
10728 Maker: "Artemiy Pavlov"
10729 Copyright: "(c)2005 GPL"
10730 Must Run Real-Time: No
10731 Has activate() Function: No
10732 Has deactivate() Function: No
10733 Has run_adding() Function: No
10734 Environment: Normal or Hard Real-Time
10735 Ports:→"Noise Type" input, control, 1 to 2, default 1, integer
10736 →"Density" input, control, 0 to 1, default 1
10737 →"Output L" output, audio
10738 →"Output R" output, audio
10739
10740 [:: wasp-noisifier.dll ::]
10741
10742 Plugin Name: "Noisifier (mono)"
10743 Plugin Label: "NoisifierM"
10744 Plugin Unique ID: 2543
10745 Maker: "Artemiy Pavlov"
10746 Copyright: "(c)2005 GPL"
10747 Must Run Real-Time: No
10748 Has activate() Function: No
10749 Has deactivate() Function: No
10750 Has run_adding() Function: No
10751 Environment: Normal or Hard Real-Time
```

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10752 Ports:→"Noise Type" input, control, 1 to 2, default 1, integer
10753 →"Noise Density" input, control, 0 to 1, default 1
10754 →"Balance" input, control, 0 to 1, default 0
10755 →"Input" input, audio
10756 →"Output" output, audio
10757
10758 Plugin Name: "Noisifier (stereo)"
10759 Plugin Label: "NoisifierS"
10760 Plugin Unique ID: 2544
10761 Maker: "Artemiy Pavlov"
10762 Copyright: "(c)2005 SineShine"
10763 Must Run Real-Time: No
10764 Has activate() Function: No
10765 Has deactivate() Function: No
10766 Has run_adding() Function: No
10767 Environment: Normal or Hard Real-Time
10768 Ports:→"Noise Type" input, control, 1 to 2, default 1, integer
10769 →"Noise Density" input, control, 0 to 1, default 1
10770 →"Balance" input, control, 0 to 1, default 0
10771 →"Input L" input, audio
10772 →"Output L" output, audio
10773 →"Input R" input, audio
10774 →"Output R" output, audio
10775
10776 [:: wasp-x-shaper.dll ::]
10777
10778 Plugin Name: "X-Shaper (mono)"
10779 Plugin Label: "XShaperM"
10780 Plugin Unique ID: 2547
10781 Maker: "Artemiy Pavlov"
10782 Copyright: "(c)2005 GPL"
10783 Must Run Real-Time: No
10784 Has activate() Function: No
10785 Has deactivate() Function: No
10786 Has run_adding() Function: No
10787 Environment: Normal or Hard Real-Time
10788 Ports:→"Gain" input, control, 0 to 1, default 1
10789 →"Type" input, control, 1 to 9, default 1, integer
10790 →"Curve" input, control, 0 to 1, default 0
10791 →"Amount" input, control, 0 to 1, default 1
10792 →"LFO1 Form" input, control, 1 to 5, default 1, integer
10793 →"LFO1 Rate" input, control, 0 to 10, default 1
10794 →"LFO1 Gain Depth" input, control, -1 to 1, default 0
10795 →"LFO2 Form" input, control, 1 to 5, default 1, integer
10796 →"LFO2 Rate" input, control, 0 to 10, default 1
10797 →"LFO2 Curve Depth" input, control, -1 to 1, default 0
10798 →"Input" input, audio
10799 →"Output" output, audio
10800
10801 Plugin Name: "X-Shaper (stereo)"
10802 Plugin Label: "XShaperS"
10803 Plugin Unique ID: 2548
```

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10804  Maker: "Artemiy Pavlov"
10805  Copyright: "(c)2005 GPL"
10806  Must Run Real-Time: No
10807  Has activate() Function: No
10808  Has deactivate() Function: No
10809  Has run_adding() Function: No
10810  Environment: Normal or Hard Real-Time
10811  Ports: →"Gain" input, control, 0 to 1, default 1
10812  →"Type" input, control, 1 to 9, default 1, integer
10813  →"Curve" input, control, 0 to 1, default 0
10814  →"Amount" input, control, 0 to 1, default 1
10815  →"LFO1 Form" input, control, 1 to 5, default 1, integer
10816  →"LFO1 Rate" input, control, 0 to 10, default 1
10817  →"LFO1 Gain Depth" input, control, -1 to 1, default 0
10818  →"LFO2 Form" input, control, 1 to 5, default 1, integer
10819  →"LFO2 Rate" input, control, 0 to 10, default 1
10820  →"LFO2 Curve Depth" input, control, -1 to 1, default 0
10821  →"Input L" input, audio
10822  →"Output L" output, audio
10823  →"Input R" input, audio
10824  →"Output R" output, audio
10825
10826  [:: waveguide_mesh_2670.dll ::]
10827
10828  Plugin Name: "Simple waveguide mesh (CR Controls)"
10829  Plugin Label: "wg_mesh_cr"
10830  Plugin Unique ID: 2670
10831  Maker: "Loki Davison"
10832  Copyright: "GPL"
10833  Must Run Real-Time: No
10834  Has activate() Function: No
10835  Has deactivate() Function: No
10836  Has run_adding() Function: No
10837  Environment: Normal or Hard Real-Time
10838  Ports: →"Trigger" input, audio
10839  →"Output" output, audio
10840  →"Tension" input, control, 0.0001 to 0.22, default 0.11005
10841  →"Power" input, audio, 0 to ..., default 1
10842  →"Excitation X" input, control, 0.95 to 7.01, default 1, integer
10843  →"Excitation Y" input, control, 0.95 to 7.01, default 1, integer
10844
10845  [:: wave_terrain_1412.dll ::]
10846
10847  Plugin Name: "Wave Terrain Oscillator"
10848  Plugin Label: "waveTerrain"
10849  Plugin Unique ID: 1412
10850  Maker: "Steve Harris <steve@plugin.org.uk>"
10851  Copyright: "GPL"
10852  Must Run Real-Time: No
10853  Has activate() Function: No
10854  Has deactivate() Function: No
10855  Has run_adding() Function: Yes
```

```
10856 Environment: Normal or Hard Real-Time
10857 Ports: →"x" input, audio
10858 →"y" input, audio
10859 →"z" output, audio
10860
10861 [:: wubflip.dll ::]
10862
10863 Plugin Name: "WubFlip"
10864 Plugin Label: "WubFlip"
10865 Plugin Unique ID: 4104
10866 Maker: "Alex Sisson (alexisisson@gmail.com)"
10867 Copyright: "(C) Alex Sisson 2009"
10868 Must Run Real-Time: No
10869 Has activate() Function: Yes
10870 Has deactivate() Function: No
10871 Has run_adding() Function: No
10872 Environment: Normal or Hard Real-Time
10873 Ports: →"Input" input, audio
10874 →"Output" output, audio
10875 →"Upper Threshold" input, control, -1 to 1, default 1
10876 →"Lower Threshold" input, control, -1 to 1, default -1
10877 →"Multiplier" input, control, 0 to 10, default 5
10878
10879 [:: xfade_1915.dll ::]
10880
10881 Plugin Name: "Crossfade"
10882 Plugin Label: "xfade"
10883 Plugin Unique ID: 1915
10884 Maker: "Steve Harris <steve@plugin.org.uk>"
10885 Copyright: "GPL"
10886 Must Run Real-Time: No
10887 Has activate() Function: No
10888 Has deactivate() Function: No
10889 Has run_adding() Function: Yes
10890 Environment: Normal or Hard Real-Time
10891 Ports: →"Crossfade" input, control, -1 to 1, default 0
10892 →"Input A left" input, audio
10893 →"Input A right" input, audio
10894 →"Input B left" input, audio
10895 →"Input B right" input, audio
10896 →"Output left" output, audio
10897 →"Output right" output, audio
10898
10899 Plugin Name: "Crossfade (4 outs)"
10900 Plugin Label: "xfade4"
10901 Plugin Unique ID: 1917
10902 Maker: "Steve Harris <steve@plugin.org.uk>"
10903 Copyright: "GPL"
10904 Must Run Real-Time: No
10905 Has activate() Function: No
10906 Has deactivate() Function: No
10907 Has run_adding() Function: Yes
```

```
10908 Environment: Normal or Hard Real-Time
10909 Ports:→"Crossfade" input, control, -1 to 1, default 0
10910 →"Input A left" input, audio
10911 →"Input A right" input, audio
10912 →"Input B left" input, audio
10913 →"Input B right" input, audio
10914 →"Output A left" output, audio
10915 →"Output A right" output, audio
10916 →"Output B left" output, audio
10917 →"Output B right" output, audio
10918
10919 [:: zita_rev1.dll ::]
10920
10921 Plugin Name: "zita_rev1"
10922 Plugin Label: "zita_rev1"
10923 Plugin Unique ID: 994
10924 Maker: "undefined"
10925 Copyright: "undefined"
10926 Must Run Real-Time: No
10927 Has activate() Function: Yes
10928 Has deactivate() Function: Yes
10929 Has run_adding() Function: No
10930 Environment: Normal or Hard Real-Time
10931 Ports:→"input00" input, audio
10932 →"input01" input, audio
10933 →"output00" output, audio
10934 →"output01" output, audio
10935 →"input-indelay" input, control, 20 to 100
10936 →"decaytimesinbands-lfx" input, control, 50 to 1000
10937 →"decaytimesinbands-lowrt60" input, control, 1 to 8
10938 →"decaytimesinbands-midrt60" input, control, 1 to 8
10939 →"decaytimesinbands-hfdamping" input, control, 1500 to 23520
10940 →"rmpeakingequalizer1-eq1freq" input, control, 40 to 2500
10941 →"rmpeakingequalizer1-eq1level" input, control, -15 to 15
10942 →"rmpeakingequalizer2-eq2freq" input, control, 40 to 2500
10943 →"rmpeakingequalizer2-eq2level" input, control, -15 to 15
10944 →"output-drywetmix" input, control, -1 to 1
10945 →"output-level" input, control, -70 to 40
10946
10947 [:: zm1_1428.dll ::]
10948
10949 Plugin Name: "z-1"
10950 Plugin Label: "zm1"
10951 Plugin Unique ID: 1428
10952 Maker: "Steve Harris <steve@plugin.org.uk>"
10953 Copyright: "GPL"
10954 Must Run Real-Time: No
10955 Has activate() Function: Yes
10956 Has deactivate() Function: No
10957 Has run_adding() Function: Yes
10958 Environment: Normal or Hard Real-Time
10959 Ports:→"Input" input, audio
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10960	→"Output" output, audio
10961	
10962	