

FileID

BLOODROCK / SYNDICATE

COLLABORATORS

	<i>TITLE :</i> FileID		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	BLOODROCK / SYNDICATE	February 12, 2023	

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Chapter 1

FileID

1.1 FileID.library: Contents

FileID.library documentation

written by BLOODROCK of SYNDICATE

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1.2 FileID.library: What is it ?

FileID.library is a shared library for identifying files by checking it's contents.

Some programs already exist (ID, WhatIs, etc.) doing that job. But other programmers can't use it's services for their own programs. This is the goal of FileID.library.

WhatIs.library shows up a way. But the only library version I ever saw, just knows approx. 20 different file types and the descriptions are too short, I think. No one (including the author itself) seems to expand the library brain file. The WhatIs_brain_file idea is very good, of course. But I don't think about doing the same. I'll expand the library myself, trying to hold a maximum library speed.

FileID.library was written in highly optimized assembly code. A user brain file version couldn't reach that high speeds.

If you want FileID.library to identify your favourite/special file types, just contact me and send me some example files and, if possible, include some informations about how these files can be identified.

Note that FileID.library won't ever identify viruses. For virus hunting, please use a good virus killer, like VT or VirusWorkShop.

Those programs do this job much better and safer. It will be much more work to hunt and kill viruses in a really safe manner. This would only explode the library size. Also, I really don't feel like collecting and reassembling hundreds of viruses. This is a life-time job, and I really have other things to do.

Don't lay any bets on the results of a FileID analysis. If your textfile begins with the words: "DMS! -A standard Amiga disk packer...", FileID will tell you that the file was a DMS archive, because the first four bytes equal "DMS!"...

Some file types can't be safely identified, like some system files (libs, devs etc.). For example, a keymap starts with a DOS hunk header, followed by a node structure. Unfortunately, no LN_TYPE was defined for keymap nodes. FileID.library can only guess sometimes...

FileID identifies more file types than any other "WhatIs"-like program I currently know.

The memory usage is very low. Only the small size of the library plus max. 1460 bytes for a file buffer.

The stack consumption is low, too (less than 100 bytes anyway, excluding AmigaDOS file I/O).

FileID.library runs on every Amiga without any system requirements and doesn't need any external data (like libraries) to run.

1.3 FileID.library: Installation

The Installation is very easy. Copy FileID.library to LIBS: -that's all. FileID.library comes up with english identification strings and error messages. You may easily change this by copying your favourite locale catalog into your LOCALE: directory (currently there's only a german catalog included). Workbench 2.1 must be installed to use locale files, so you won't find the locale.library in the FileID archive.

Note that if you have installed any FileID catalog, the file identification will take more time then. If not, you won't notice any speed changes to previous library versions.

If the locale catalog is installed and FileID.library still returns english texts, you should try to flush the library out of your memory. (Use "Avail FLUSH" or the "Flush" command to to this). If some program still has got the library open, it can't be removed from the system. Then you must reset your

Amiga. This is because FileID.library tries to open it's locale catalog only once at the library init.

All the other Stuff is less important. If you are a programmer, you'll know which files to copy and what of the stuff to delete. The only useful thing for normal users is the small "WhatIs" application. This CLI-only-Program does just what it's name says. See WhatIs.Guide for further details.

1.4 FileID.library: Copyright

Copyright:

FileID.library is PUBLIC DOMAIN. It may be freely distributed and freely used with any program (if you get rich with a program using my library, you might send me some money :^).

This excludes PD dealers. If you sell a single PD disk containing this library, you may sell it for media and making-copies price, not more.

Developers: you don't have to include the whole FileID archive when spreading your program. I only recommend that you include the library and it's locale catalogs. You don't need to write any copyright notes into your program and (if you hate me), you also don't need to write greetings to me.

1.5 FileID.library: list of file types

List of recognized file types

Note that (directory) is only returned by FIIdentifyFromName(), of course.

- V 1.0: file type range from 0 to 289.
 - V 2.0: file type range from 0 to 383.
 - V 3.0: file type range from 0 to 413.
 - V 3.1: file type range from 0 to 439.
 - V 4.0: file type range from 0 to 459.
 - V 4.1: file type range from 0 to 478.
 - V 5.0: file type range from 0 to 485.
 - V 5.1: file type range from 0 to 502.
 - V 6.0: file type range from 0 to 520.
 - V 6.1: file type range from 0 to 542.
 - V 6.11:file type range from 0 to 544.
 - V 6.12:file type range from 0 to 591.
 - V 7.0: file type range from 0 to 591.
-

An asterisk ("*") at the left edge shows up new, changed or expanded file types.

(FileID, description)

245 3D Construction Kit data
246 3D Construction Kit object
236 3D Professional lightsource
235 3D Professional object
237 3D Professional scene
238 3D Professional script
286 A-Max harddisk driver
504 ABackup backup file/disk
79 AC-Basic comp'ed AmigaBasic program
392 Action Replay frozen program * V3.1: both MK III and older *
225 Adorage animation
226 Adorage script
122 AdPro loader/saver/operator * approx. 85% ID rate *
243 Advanced Layouter layout
244 Advanced Layouter page
242 Advanced Layouter pattern
583 AIBB benchmark test module
448 Aladdin4D 3D font
444 Aladdin4D ATList
445 Aladdin4D BMList
446 Aladdin4D conversion file
447 Aladdin4D drawing
506 Ami-Back backup disk
505 Ami-Back backup file
92 Ami-Pack archive
169 Amiga E compiler module
77 AmigaBasic listing
78 AmigaBasic listing (list protected)
215 AmigaFox layout
40 AmigaGuide database
520 AmigaMoney database
201 AmigaVision (MultiVision) commands * not tested yet *
202 AmigaVision (MultiVision) events * not tested yet *
200 AmigaVision (MultiVision) flow
272 AmigaVision helpfile

190 AmiWrite printer font
261 AMOS-Basic listing
262 ANIMagic seg file
464 ApAssist document * normal and compressed files *
463 APE archive
36 application icon * normally impossible *
102 Arc archive
76 Arj archive * okay since V3.1... *
586 ArtOfNoise Tracker 4-channel module
587 ArtOfNoise Tracker 8-channel module
588 ArtOfNoise Tracker drum sequence
591 ArtOfNoise Tracker fm sound
528 ATN! (Imploder) d
211 B2-MIDI full instrument score
212 B2-MIDI instrument set
210 B2-MIDI song
263 Bars & Pipes Professional song * two formats *
488 Bars & Pipes Pro support file
229 BeckerText document
230 BeckerText mask
544 BGI stroked font
459 BinHex file
313 Black&Decker 2.0
441 Blanker effect prefs
381 BootX bootblock lib file
382 BootX brain file
383 BootX recog file
314 ByteKiller 2.0
315 ByteKiller 3.0
349 ByteKiller Pro 1.0
350 ByteKiller Pro 1.0 K
223 Caligari 3-D object
222 Caligari poly font
224 Caligari rendering environment
415 CanDo application data file
22 CanDo deck
228 Canon Studio dither data
516 CBM standard fax
517 CCITT G3 standard fax

264 Chamaeleon harddisk driver * correct name is Chamäleon *

396 Chaos Engine module

397 ChipTracker (KRIS) module

481 CHS Cruncher 0.9

450 CineMorph project

451 Clarissa anim time control module

453 Clarissa depot data

452 Clarissa TCPrefs file

49 Cloanto Personal FontMaker file

467 ColorFontMaker pattern

117 CompDisk archive

153 CompuGraphic .metric font

152 CompuGraphic outline font

266 Crossword Construction Set grid

265 Crossword Construction Set puzzle

352 Crunch-O-Matic 1.0 E

353 Crunch-O-Matic 1.0 I/M/T

354 CrunchMania A

365 CrunchMania D

377 CrunchMania D/S

378 CrunchMania D/H

379 CrunchMania D/H/S

380 CrunchMania R/L/[H]

305 CrunchMania R/N/[H]

306 CrunchMania R/S

330 Crunch Master 1.0

69 David Whittaker module * not all formats *

47 DCTV Paint clip * not tested yet *

48 DCTV Paint palette * not tested yet *

46 DCTV raw picture * not tested yet *

327 DefJam Cruncher 3.2

328 DefJam Cruncher 3.2 Pro

285 Deliplayer/Eagleplayer

398 Delta Music 1.0 module

58 Delta Music 2.0 module

91 Deluxe Music Construction Set score

213 DeluxeVideo video

34 device icon * You'll never see it. If true, icon

399 Digital Mugician module \ is corrupt *

121 (directory)
510 Disk Expander packed
29 disk icon
118 DiskImploder self-extr. archive * V 1.0, V2.27 *
116 DiskImploder archive
100 Disney Animation Studio anim * several formats *
1 DMS archive
384 Documentum document
54 DOS device driver * Identification not sure *
85 DOS FFS bootblock
84 DOS OFS bootblock
347 Double Action 1.0
299 DragPack 1.0
300 DragPack 2.52
368 DragPack 2.52 D
30 drawer icon
400 DSS module
221 DynaCADD drawing
465 DynaCADD part
220 DynaCADD vector font
494 Europa Plus map
500 ExeLink linked programs
61 Face The Music module
555 FAME activities (log-writes) setup
569 FAME computer types
551 FAME conference settings
576 FAME coprocess setups
567 FAME door config modules setup
557 FAME door setup
556 FAME error action setup
572 FAME fast mail status file
564 FAME file checker setup
549 FAME global system settings
558 FAME internal door setup
568 FAME internal module configuration
566 FAME locale settings
573 FAME main user data
577 FAME message backup (lost carrier)
571 FAME message base header data

546 FAME minimum baud times data
548 FAME miscellaneous settings
570 FAME modem types
554 FAME new user default presets
562 FAME node modem setup
563 FAME node screen/window settings
561 FAME node serial setup
560 FAME node settings
579 FAME user allowed script commands
580 FAME system script mask
581 FAME user file base data
582 FAME user expansion data
578 FAME script
550 FAME server settings
565 FAME text language list
559 FAME text screen
547 FAME transfer protocol settings
552 FAME user access level settings
575 FAME user conf data
553 FAME user conference access setup
574 FAME user keys additional data
43 Fantavision movie
366 FCG 1.0
499 FFS DirCaching bootblock (DOS/5)
497 FFS international bootblock (DOS/3)
501 File-Chainer linked programs
192 FinalCopy II/FinalWriter document
191 FinalCopy II PS-font
316 FlashSpeed 1.0
391 FMSynth instrument
369 Freeway 0.7
94 Freeze packed
53 function library * Identification not sure *
59 Future Composer 1.3 module
60 Future Composer 1.4 module
274 Future Composer synth instrument
267 GadgetToolsBox project
239 Genesis landscape
219 GFA basic listing

56 GIF picture
401 GMOD module
268 GoAmiga! Datei database
492 Hanna-Barbera Anim Workshop picture
402 HanniPacker module
449 HelpDisk "AniMouse" tutorial file
317 High Pressure Cruncher
62 Hippel-COSO module
537 HotHelp 3.0 catalog
539 HotHelp 3.0 compiler prefs
538 HotHelp 3.0 header file
536 HotHelp 3.0 text
331 HQC Cruncher 2.0
269 HS-Pascal compiler unit * V3.1: two formats *
524 HSN sound sample
193 hyphenation table (several prgs.)
370 IAM Packer 1.0 (ATM5)
371 IAM Packer 1.0 (ICE!)
372 IAM Packer 1.0 D (ATM5)
373 IAM Packer 1.0 D (ICE!)
50 IFF 1-32 bit sample (Mac, AppleII) * not tested yet *
45 IFF 2-D object
44 IFF animated bitmap (Deluxe Video)
21 IFF animation/animbrush
25 IFF formatted text
19 IFF picture/brush
23 IFF raster font * not tested yet *
20 IFF sound sample
24 IFF vector font * not tested yet *
41 IFF-ACBM picture (AmigaBasic)
438 IFF-CAT file
466 IFF-EMOD module
171 IFF-LIST file
26 IFF-Sonix music score
194 ImageMaster shape
28 Imagine/Turbo Silver rendering data
289 Imagine effect
287 Imagine texture
292 Imploder 1.0-3.1

345 Imploder 1.0-3.1 P
293 Imploder 4.0
430 Imploder D
403 InStereo! module
232 InterBase database
233 InterBase printer driver
270 IntroCAD drawing
63 Jam Cracker module
97 JPEG picture
231 Kick-Pascal compiler unit
89 KICKstart disk bootblock
35 KICKstart disk icon
198 KindWords/AmiWrite document
533 Klondike cardset
189 KonScript clips
71 LhA/Lharc archive
72 LhASFX self-extracting archive * LhASFX V 1.2 *
115 LhPak self-extracting archive
96 LhWarp archive
271 Liam/Adam database
304 Lib Imploded
207 LightWave 3-D object
432 LightWave scene
88 linkable object code
502 LinkEm linked programs
18 locale catalog
543 LZX archive
395 Major Tom module
394 Mark II module
404 Martin Walker module
319 Master Cruncher 3.0 A
301 Master Cruncher 3.0 R
172 MaxiPlan worksheet
454 MaxonCinema4D rendering data
455 MaxonPLP APrefs file
458 MaxonPLP circuit board
456 MaxonPLP component library
457 MaxonPLP macro
258 Maxon RCT definition file

257 Maxon RCT source
120 Maxon Word document
514 MaxonCAD component library
234 MaxonCAD drawing
515 MaxonCAD font
332 MaxPacker 1.2
405 MCMD module
64 MED/OctaMED module
65 MED/OctaMED song/song+samples
284 MED/OctaMED synth sound
434 Media Point page
433 Media Point script
340 Mega Cruncher 1.0
343 Mega Cruncher 1.2 A
333 Mega Cruncher 1.2 R
437 MIDI song
414 MiniOffice database template file
227 Morphus project
386 MovieSetter movie * two formats *
124 MPeg picture/anim
508 MRBackup compressor
103 MS-DOS PC executable
523 Multiview datatype
534 Music-Assembler module
218 Music-X data
217 Music-X IFF data
273 MusicMaker instrument
144 NickPrefs BusyPointer prefs
126 NickPrefs Floppy prefs
143 NickPrefs WBPicture prefs
489 Oberon symbol file
498 OFS DirCaching bootblock (DOS/4)
496 OFS international bootblock (DOS/2)
106 Oktalyzer module
545 old FAME data file (obsolete)
112 Old PacMan decrunched abs_load file * save all data before running it ! *
421 Old SFK encrypted file
419 Old SoundMon module
521 OWS archive

57 P-Compress
525 P-Compress 2
526 P-Compress 2 "SuperC"
93 PACK_scn1.library packed * used with AmigaMensch *
542 PackDev archive
302 PackIt 1.0
367 PackIt 1.0 D
113 PacMan decrunched abs_load file * save all data before running it ! *
114 PacMan decrunched KillSys abs_load * save all data before running it ! *
204 PageLiner dictionary
205 PageLiner document
206 PageLiner tags
276 PageSetter II document
279 PageStream document
282 PageStream export handler * Two different IDs *
280 PageStream font
283 PageStream import handler * Three different IDs *
281 PageStream printer driver
522 PageStreamIII document
277 Painter 3D outline file
111 PAK self-extracting archive
209 patch file (IFF format) * format used by several programs *
485 PCX picture
509 PCX-EGA picture
173 PDraw/PPage clips
174 PDraw font
176 PDraw page
175 PDraw project
468 Platine 2.0 layout
469 Platine 2.0 component
406 Player V4.0A module
407 Player V4.0B module
408 Player V4.1A module
530 PlaySID 3.0 module
170 PostScript file
109 PostScript font
436 PostScript picture
290 PowerPacker 2.x
390 PowerPacker 2.x (master mode)

291 PowerPacker 3.0
387 PowerPacker 3.0 (master mode)
297 PowerPacker 4.0
2 PowerPacker D
3 PowerPacker D/E
307 PP 3.0 Overlaid
389 PP 3.0 Overlaid (master mode)
308 PP 3.0 Password
388 PP 3.0 Password (master mode)
298 PP 4.0 Library
309 PP 4.0 Overlaid
310 PP 4.0 Overlay/Lib
311 PP 4.0 Password
312 PP 4.0 Password/Lib
188 PPage document
186 PPage filter
187 PPage page
479 PPLoadSeg file
250 PPrint colormap
254 PPrint document
253 PPrint form
249 PPrint image * Two different IDs *
255 PPrint object
251 PPrint page * Both PPrint and PPrint Deluxe *
252 PPrint pattern
256 PPrint text file
182 Premiere Text document
490 ProDraw CGM picture
484 Profiler modem profile
32 project icon
66 Promizer 4.0 module
145 Proper Grammar project
409 ProRunner 1.0 module
393 ProRunner 2.0 module
101 ProTracker module
27 ProWrite document
108 PS-Adobe font
535 PS-Adobe font metrics data
183 Publishing Partner Master graphics

184 Publishing Partner Master text
507 Quarterback backup file/disk
197 Real3D data
493 Reflections camera file
147 Reflections material
146 Reflections scene
334 ReloKit 1.0
87 ReSource file
95 Restore archive
195 Retina monitor prefs
196 RexxPlus compiled ARexx program
470 Rob Northen Cruncher D/F
418 Rob Northen Cruncher D/N
471 Rob Northen Cruncher R/F
417 Rob Northen Cruncher R/N
80 Ron Claren module
442 RoxBlanker effect
149 RSI Demomaker demo (final save) * Both Demomaker I and II *
148 RSI Demomaker demo (short save) * Both Demomaker I and II *
150 RSI Demomaker vector object
151 RSI Demomaker vectorball
318 RSI Packer 1.4
540 S3M module
104 Samplitude Jr. sample
511 SamplitudeMS PLL data
440 SamplitudeMS project
435 Savage Disk Compressor archive
248 Saxon Script PS-font
119 Scala script * All versions Scala -> Scala IC *
185 Scenery Animator landscape
462 SchachDeluxe board
460 SchachDeluxe book
461 SchachDeluxe game
483 SCP encrypted file
208 Sculpt3D object
420 SFK encrypted file
487 Shrink archive
410 SidMon 2.0 module
98 Sonic Arranger module

99 Sonic Arranger synth sound
105 Sonix sample info file
110 SoundFX 1.3 module
411 SoundFX 2.0 module
81 SoundMon module
374 SoundTracker Song
351 Spike Cruncher 1.5
216 SSA animation/project
82 StarTrekker 4-channel module
83 StarTrekker 8-channel module
275 StarTrekker AM sound
335 StoneCracker 2.70
336 StoneCracker 2.70 K
360 StoneCracker 2.92
337 StoneCracker 2.99
348 StoneCracker 2.99d
338 StoneCracker 3.00
361 StoneCracker 3.00 D
339 StoneCracker 3.10
362 StoneCracker 3.10 D
346 StoneCracker 3.11
357 StoneCracker 4.00
363 StoneCracker 4.00 D
355 StoneCracker 4.01 A
356 StoneCracker 4.01B A
358 StoneCracker 4.01 C
364 StoneCracker 4.01 D
424 StoneCracker 4.02a A
425 StoneCracker 4.02a D
422 StoneCracker 4.02a R/N
423 StoneCracker 4.02a R/L
476 StoneCracker 4.10.3 A/N
477 StoneCracker 4.10.3 A/Plain
478 StoneCracker 4.10.3 A/Pro
475 StoneCracker 4.10.3 D
474 StoneCracker 4.10.3 R/L
473 StoneCracker 4.10.3 R/N
531 SubPacker module
125 SuperBase form

154 SuperJam! band
155 SuperJam! chord
156 SuperJam! drum map
157 SuperJam! instrument
158 SuperJam! keyboard
159 SuperJam! patch
160 SuperJam! section
161 SuperJam! song
162 SuperJam! style
589 Symphonie module
341 Syncro Packer 4.6
329 Syncro Packer 4.6 K
67 Synthesis 4.0 module
412 SynTracker module
131 system Country prefs
52 system font
51 system font contents file (.font) * Both normal and Tag-fonts *
127 system Font prefs
128 system IControl prefs
129 system Input prefs
55 system keymap file
130 system Locale prefs
132 system Overscan prefs
133 system Palette prefs
134 system Pointer prefs
123 system printer driver * Identification not sure *
137 system Printer prefs
135 system PrinterGFX prefs
136 system PrinterPS prefs
138 system ScreenMode prefs
139 system Serial prefs
140 system Sound prefs
142 system WBConfig prefs
141 system WBPattern prefs
385 TDS-Editor project
42 Term config file
359 TetraPack 1.02
323 TetraPack 2.1
324 TetraPack 2.1 Pro

325 TetraPack 2.2
326 TetraPack 2.2 Pro
321 TFA Cruncher 1.54
68 TFMX module (song file) * V3: including 2 special 7V-types *
512 THBackup backup disk
247 The Director film
529 TIFF picture
320 Time Cruncher 1.7-2.2
294 Titanics Cruncher 1.1
295 Titanics Cruncher 1.2
203 TME score * no TME modules *
296 TNM Cruncher 1.1
31 tool icon
486 TrackerPacker 3.x module
33 trashcan icon
342 TryIt 1.01
429 TUCruncher 1.16d A
428 TUCruncher 1.16d D
427 TUCruncher 1.16d R
443 TurboCalc project
214 TurboSilver RGB image * RGBN and RGB8 *
288 TurboSilver texture
426 TurboSpike 1.03 R/[PC]
303 TurboSqueezer 8.0
495 Turbo Tracker II archive
322 Turtle Smasher 1.3
375 TurtleSmasher 2.00
376 TurtleSmasher 2.00 D
199 TV Paint palette
344 Ultimate Packer 1.1b
413 Unic-Tracker module
0 unknown data file
107 unknown executable file
38 unknown IFF file
17 unknown standard prefs file
37 unknown Workbench icon
39 unknown Xpk file
90 UnPack archive (AmigaPlus disk mag)
259 Vector Trace 3-D object

70 Vertex 3-D compact object
260 Video Director tape driver
278 VideoScape 3D object
177 VideoTracker data
178 VideoTracker rotor object
240 Vista DEM file
241 Vista script
179 VizaWrite data
180 VizaWrite document
181 Voyager settings
431 VT anti-virus program * VERY unsure *
527 VT anti-virus program (old version)
472 Wanton Packer module
86 Warp/NibWarp archive
518 WaveWriterPro font
519 WaveWriterPro project
168 X-CAD data * all remaining data types *
163 X-CAD database
164 X-CAD font
165 X-CAD menu
166 X-CAD object
167 X-CAD symbol
590 XMash archive
4 Xpk BLZW packed
5 Xpk CBR0 packed
482 Xpk CRM2 packed
491 Xpk CRMS packed
6 Xpk DLTA encoded
7 Xpk ENCO encrypted
416 Xpk FAST packed
8 Xpk FEAL encrypted
439 Xpk HFMN packed
9 Xpk HUFF packed
10 Xpk IDEA encrypted
11 Xpk IMPL packed
541 Xpk LHLB packed
584 Xpk MASH packed
12 Xpk NONE stored
13 Xpk NUKE packed

585 Xpk PWPk packed

532 Xpk RAKE packed

14 Xpk RDCN packed

15 Xpk RLEN packed

16 Xpk SHRI packed

480 Xpk SMPL packed

503 Xpk SQSH packed

74 Zip archive

73 Zoo archive

75 Zoom archive * Both old Zoom and Zoom 5.x *

513 Zyxel ADPCM voice file