





lbn  
ibm  
iff [IFF Interleaved Bitmap Image](#) 46 4F 52 4D ?? ?? ?? ??  
38 53 56 58 FORM????8SVX 0  
any 8svx  
8sv  
svx  
snd  
iff [IFF 8-Bit Sampled Voice](#) 46 4F 52 4D ?? ?? ?? ??  
41 43 42 4D FORM????ACBM 0  
any acbm  
iff [Amiga Contiguous Bitmap](#) 46 4F 52 4D ?? ?? ?? ??  
41 4E 42 4D FORM????ANBM 0  
any anbm  
iff [IFF Animated Bitmap](#) 46 4F 52 4D ?? ?? ?? ??  
41 4E 49 4D FORM????ANIM 0  
any anim  
iff [IFF CEL Animation](#) 46 4F 52 4D ?? ?? ?? ??  
46 41 58 58 FORM????FAXX 0  
any faxx  
fax  
iff [IFF Facsimile Image](#) 46 4F 52 4D ?? ?? ?? ??  
46 54 58 54 FORM????FTXT 0  
any ftxt  
iff [IFF Formatted Text](#) 46 4F 52 4D ?? ?? ?? ??  
53 4D 55 53 FORM????SMUS 0  
any smus  
smu  
mus  
iff [IFF Simple Musical Score](#) 46 4F 52 4D ?? ?? ?? ??  
43 4D 55 53 FORM????CMUS 0  
any cmus  
mus  
iff [IFF Musical Score](#) 46 4F 52 4D ?? ?? ?? ??  
59 55 56 4E FORM????YUVN 0  
any yuvn  
yuv  
iff [IFF YUV Image](#) 46 4F 52 4D ?? ?? ?? ??  
46 41 4E 54 FORM????FANT 0  
any iff [Amiga Fantavision Movie](#) 46 4F 52 4D ?? ?? ?? ??  
41 49 46 46 FORM????AIFF 0  
any aiff

aif

aifc

snd

iff [Audio Interchange File Format](#) 4C 5A 49 50 LZIP 0 lz [lzip](#) compressed file<sup>[20]</sup> 30 37 30 37 30 31

070701 0 cpio [cpio](#) "new" ASCII archive file 30 37 30 37 30 32 070702 0 cpio [cpio](#) ASCII archive file with

crc 30 37 30 37 30 37 070707 0 cpio [cpio](#) ASCII archive file<sup>[21]</sup> 4D 5A MZ 0 exe

dll

mui

sys

scr

cpl

ocx

ax

iec

ime

rs

tsp

fon

efi [DOS MZ executable](#) and its descendants (including [NE](#) and [PE](#)) 53 4D 53 4E 46 32 30 30 SMSNF200 0 ssp

SmartSniff Packets File<sup>[22]</sup> 5A 4D ZM 0 exe [DOS ZM executable](#) and its descendants (rare) 50 4B 03 04

50 4B 05 06 (empty archive)

50 4B 07 08 (spanned archive) PK<sup>ε<sub>1</sub>ε<sub>0</sub>τ</sup>

PK<sup>ε<sub>0</sub>ε<sub>1</sub>α<sub>0</sub>κ</sup>

PK<sup>ε<sub>1</sub>ε<sub>0</sub>β<sub>0</sub>β<sub>1</sub></sup> 0 zip

aar

apk

docx

epub

[ipa](#)

jar

kmz

[maff](#)

msix

odp

ods

odt

pk3

pk4

pptx

usdz

vsdz

xlsx

[xpi](#)

whl

[zip file format](#) and formats based on it, such as [EPUB](#), [JAR](#), [ODE](#), [OOXML](#) 52 61 72 21 1A 07 00 Rar!<sup>s<sub>u</sub>b<sup>e</sup><sub>l</sub>N<sub>u</sub>L</sup> 0 rar [Roshal ARchive](#) compressed archive v1.50 onwards<sup>[23]</sup> 52 61 72 21 1A 07 01 00 Rar!<sup>s<sub>u</sub>b<sup>e</sup><sub>l</sub>N<sub>u</sub>L</sup> 0 rar [Roshal ARchive](#) compressed archive v5.00 onwards<sup>[24]</sup> 7F 45 4C 46 <sup>d<sub>e</sub>l</sup> ELF 0 none, .axf, .bin, .elf, .o, .out, .prx, .puff, .ko, .mod, .so [Executable and Linkable Format](#)<sup>[25]</sup> 89 50 4E 47 0D 0A 1A 0A %oPNG<sup>c<sub>r</sub>l<sub>f</sub>s<sub>u</sub>b<sup>e</sup><sub>l</sub>f</sup> 0 png Image encoded in the [Portable Network Graphics](#) format<sup>[26]</sup> 0E 03 13 01 <sup>E<sub>n</sub>O<sup>e</sup><sub>x</sub><sup>d</sup><sub>c</sub>s<sup>o</sup><sub>H</sub></sup> 0 hdf4 h4 Data stored in version 4 of the [Hierarchical Data Format](#). 89 48 44 46 0D 0A 1A 0A %oHDF<sup>c<sub>r</sub>l<sub>f</sub>s<sub>u</sub>b<sup>e</sup><sub>l</sub>f</sup> 0, 512, 1024, 2048, ... hdf5 h5 Data stored in version 5 of the [Hierarchical Data Format](#). C9 É 0 com [CP/M 3](#) and higher with overlays<sup>[27]</sup> CA FE BA BE Êp<sup>o</sup>% 0 class [Java class file](#), [Mach-O Fat Binary](#) EF BB BF ĩ»¿ 0 txt others [UTF-8 byte order mark](#), commonly seen in text files.<sup>[28][29][30]</sup> FF FE ÿþ 0 txt others [UTF-16LE](#) byte order mark, commonly seen in text files.<sup>[28][29][30]</sup> FE FF þÿ 0 txt others [UTF-16BE](#) byte order mark, commonly seen in text files.<sup>[28][29][30]</sup> FF FE 00 00 ÿþ<sup>N<sub>u</sub>L<sup>u</sup>L</sup> 0 txt others [UTF-32LE](#) byte order mark for text<sup>[28][30]</sup> 00 00 FE FF <sup>N<sub>u</sub>L<sup>u</sup>L</sup>þÿ 0 txt others [UTF-32BE](#) byte order mark for text<sup>[28][30]</sup> 2B 2F 76 38 2B 2F 76 39 2B 2F 76 2B 2B 2F 76 2F +/v8 +/v9 +/v+ +/v/ 0 [UTF-7](#) byte order mark for text<sup>[31][30]</sup> 0E FE FF %þÿ 0 txt others [SCSU](#) byte order mark for text<sup>[31][30]</sup> DD 73 66 73 Ýsfs 0 [UTF-EBCDIC](#) byte order mark for text<sup>[31]</sup> <sup>[30]</sup> FE ED FA CE þíúî 0 0x1000 [Mach-O](#) binary (32-bit) FE ED FA CF þíúĭ 0 0x1000 Mach-O binary (64-bit) FE ED FE ED þĭþĭ 0 JKS Javakey Store<sup>[32]</sup> CE FA ED FE ĩúĭþ 0 Mach-O binary (reverse byte ordering scheme, 32-bit)<sup>[33]</sup> CF FA ED FE ĩúĭþ 0 Mach-O binary (reverse byte ordering scheme, 64-bit)<sup>[33]</sup> 25 21 50 53 %!PS 0 ps [PostScript document](#) 25 21 50 53 2D 41 64 6F 62 65 2D 33 2E 30 20 45 50 53 46 2D 33 2E 30 %!PS-Adobe-3.0 ESPF-3.0 0 eps epsf [Encapsulated PostScript](#) file version 3.0<sup>[34]</sup> 25 21 50 53 2D 41 64 6F 62 65 2D 33 2E 31 20 45 50 53 46 2D 33 2E 30 %!PS-Adobe-3.1 ESPF-3.0 0 eps epsf [Encapsulated PostScript](#) file version 3.1<sup>[35]</sup> 49 54 53 46 03 00 00 00 60 00 00 00 ITSF<sup>E<sub>t</sub>N<sub>u</sub>L<sup>u</sup>N<sub>u</sub>L<sup>u</sup>N<sub>u</sub>L<sup>u</sup>N<sub>u</sub>L<sup>u</sup></sup> 0 chm [MS Windows HtmlHelp Data](#) 3F 5F ?\_ 0 hlp Windows 3.x/95/98 Help file 25 50 44 46 2D %PDF- 0 pdf [PDF document](#)<sup>[36]</sup> 30 26 B2 75 8E 66 CF 11 A6 D9 00 AA 00 62 CE 6C 08zuŽfĩ<sup>o</sup>;!Ů<sup>N<sub>u</sub>L<sup>u</sup>a<sup>N<sub>u</sub>L<sup>u</sup></sup>bĭĭ</sup> 0 asf wma wmv [Advanced Systems Format](#)<sup>[37]</sup> 24 53 44 49 30 30 30 31 \$SDI0001 0 [System Deployment Image](#), a disk image format used by [Microsoft](#) 4F 67 67 53 OggS 0 ogg

oga

ogv [Ogg](#), an [open source](#) media container format 38 42 50 53 8BPS 0 psd Photoshop Document file, [Adobe Photoshop's](#) native file format 52 49 46 46 ?? ?? ?? ??

57 41 56 45 RIFF????WAVE 0 wav [Waveform Audio File Format](#)<sup>[38]</sup> 52 49 46 46 ?? ?? ?? ??

41 56 49 20 RIFF????AVI s\_p 0 avi [Audio Video Interleave](#) video format<sup>[39]</sup> FF FB

FF F3

FF F2 yû

ÿó

ÿð 0 mp3 [MPEG-1 Layer 3](#) file without an [ID3](#) tag or with an [ID3v1](#) tag (which is appended at the end of the file) 49 44 33 ID3 0 mp3 [MP3](#) file with an ID3v2 container 42 4D BM 0 bmp

dib [BMP](#) file, a [bitmap](#) format used mostly in the [Windows](#) world 43 44 30 30 31 CD001 0x8001

0x8801

0x9001 iso [ISO9660](#) CD/DVD image file<sup>[40]</sup> 43 44 30 30 31 CD001 0x5EAC9 cdi CD-i CD image file 6D 61

69 6E 2E 62 73 main.bs 0 mgw Nintendo [Game & Watch](#) image file 4E 45 53 NES 0 nes [Nintendo](#)

[Entertainment System](#) image file A0 32 41 A0 A0 A0 2A 0x165A4 d64 [Commodore 64](#) 1541 disk image (D64 format) 47 53 52 2D 31 35 34 31 GCR-1541 0 g64 [Commodore 64](#) 1541 disk image (G64 format) A0 33 44

A0 A0 3D 0x61819 d81 [Commodore 64](#) 1581 disk image (D81 format) 43 36 34 20 74 61 70 65 20 69 6D 61

67 65 20 66 69 6C 65 C64 tape image file 0 t64 [Commodore 64](#) tape image 43 36 34 20 43 41 52 54 52

49 44 47 45 20 20 20 C64 CARTRIDGE s\_p s\_p s\_p 0 crt [Commodore 64](#) cartridge image 53 49 4D 50 4C 45 20 20

3D 20 20 20 20 20 20

20 20 20 20 20 20 20 20

20 20 20 20 20 54 SIMPLE s\_p s\_p

= s\_p s\_p s\_p s\_p s\_p s\_p s\_p s\_p

s\_p s\_p s\_p s\_p s\_p s\_p s\_p s\_p

s\_p s\_p s\_p s\_p s\_p T 0 fits Flexible Image Transport System ([FITS](#))<sup>[41]</sup> 66 4C 61 43 fLaC 0 flac [Free Lossless Audio](#)

[Codec](#)<sup>[42]</sup> 4D 54 68 64 MThd 0 mid

midi [MIDI sound file](#)<sup>[43]</sup> D0 CF 11 E0 A1 B1 1A E1 ðÿ¸:à¡±¸á 0 doc

xls

ppt

msi

msg [Compound File Binary Format](#), a container format defined by Microsoft COM. It can contain the equivalent of files and directories. It is used by [Windows Installer](#) and for documents in older versions of [Microsoft Office](#).

<sup>[44]</sup> It can be used by other programs as well that rely on the COM and OLE API's. ( 0xD0CF11E0 visually resembles "DOCFILE".<sup>[45]</sup> 64 65 78 0A 30 33 35 00 dex 035N\_uL 0 dex [Dalvik](#) Executable 4B 44 4D KDM

0 vmdk VMDK files<sup>[46][47]</sup> 23 20 44 69 73 6B 20 44 65 73 63 72 69 70 74 6F # Disk Descripto 0 vmdk

VMware 4 Virtual Disk description file (split disk) 43 72 32 34 Cr24 0 crx [Google Chrome](#) extension<sup>[48]</sup> or

packaged app<sup>[49]</sup> 41 47 44 33 AGD3 0 fh8 [FreeHand](#) 8 document<sup>[50][51]</sup> 05 07 00 00 42 4F 42 4F

05 07 00 00 00 00 00 00

00 00 00 00 00 01 E\_N0 B\_E\_L N\_uL N\_uL BOBO

E\_N0 B\_E\_L N\_uL N\_uL N\_uL N\_uL

N\_uL N\_uL N\_uL N\_uL N\_uL s\_p 0 cwk [AppleWorks](#) 5 document 06 07 E1 00 42 4F 42 4F

06 07 E1 00 00 00 00 00  
00 00 00 00 00 01 <sup>A<sub>C</sub> B<sub>E</sub> L</sup> <sup>N<sub>U</sub> L</sup> BOBO  
<sup>A<sub>C</sub> B<sub>E</sub> L</sup> <sup>N<sub>U</sub> L</sup> <sup>N<sub>U</sub> L</sup> <sup>N<sub>U</sub> L</sup> <sup>N<sub>U</sub> L</sup>  
<sup>N<sub>U</sub> L</sup> <sup>N<sub>U</sub> L</sup> <sup>N<sub>U</sub> L</sup> <sup>N<sub>U</sub> L</sup> <sup>S<sub>O</sub> H</sup> 0 cwk [AppleWorks](#) 6 document 45 52 02 00 00 00 <sup>ER<sup>S</sup> T<sub>x</sub> N<sub>U</sub> L</sup> 0 toast [Roxio Toast](#) disc image file  
8B 45 52 02 00 00 00 <ER<sup>S</sup> T<sub>x</sub> N<sub>U</sub> L <sup>N<sub>U</sub> L</sup> 6B 6F 6C 79 koLy end-512 dmg [Apple Disk Image](#) file 78 61 72 21  
xar! 0 xar [eXtensible ARchive](#) format<sup>[52]</sup> 50 4D 4F 43 43 4D 4F 43 PMOCCMOC 0 dat Windows Files And  
Settings Transfer Repository<sup>[53]</sup> See also USMT 3.0 (Win XP)<sup>[54]</sup> and USMT 4.0 (Win 7)<sup>[55]</sup> User Guides 4E 45  
53 1A NES<sup>S</sup> <sup>S</sup> 0 nes Nintendo Entertainment System ROM file<sup>[56]</sup> 75 73 74 61 72 00 30 30  
75 73 74 61 72 20 20 00 ustar<sup>N</sup> 00  
ustar<sup>S</sup> <sup>S</sup> <sup>S</sup> <sup>N</sup> 257 tar [tar archive](#)<sup>[57]</sup> 4F 41 52 ?? 0AR? 0 oar OAR file archive format, where ?? is the format  
version. 74 6F 78 33 tox3 0 tox Open source portable voxel file<sup>[58]</sup> 4D 4C 56 49 MLVI 0 MLV [Magic  
Lantern](#) Video file<sup>[59]</sup> 44 43 4D 01 50 41 33 30  
50 41 33 30 DCM<sup>S</sup> PA30  
PA30 0 Windows Update [Binary Delta Compression](#) file<sup>[60]</sup> 37 7A BC AF 27 1C 7z¼-' F<sub>S</sub> 0 7z 7-Zip File  
Format 1F 8B <sup>U</sup> <sup>S</sup> < 0 gz  
tar.gz [GZIP](#) compressed file<sup>[61]</sup> FD 37 7A 58 5A 00 ýzXZ<sup>N</sup> 0 xz  
tar.xz [XZ](#) compression utility  
using [LZMA2](#) compression 04 22 4D 18 <sup>E</sup> <sup>O</sup> "M<sup>S</sup> <sup>N</sup> 0 lz4 [LZ4 Frame Format](#)<sup>[62]</sup>  
Remark: LZ4 block format does not offer any magic bytes.<sup>[63]</sup> 4D 53 43 46 MSCF 0 cab Microsoft Cabinet file  
53 5A 44 44 88 F0 27 33 SZDD^ð'3 0 ??\_ Microsoft compressed file in [Quantum](#) format, used prior to  
Windows XP. File can be decompressed using Extract.exe or Expand.exe distributed with earlier versions of  
Windows. After compression, the last character of the original filename extension is replaced with an [underscore](#),  
e.g. 'Setup.exe' becomes 'Setup.ex\_'. 46 4C 49 46 FLIF 0 flif [Free Lossless Image Format](#) 1A 45 DF A3  
<sup>S</sup> <sup>V</sup> Eß£ 0 mkv  
mka  
mks  
mk3d  
webm [Matroska](#) media container, including [WebM](#) 4D 49 4C 20 MIL<sup>S</sup> 0 stg "SEAN : Session Analysis"  
Training file. Also used in compatible software "Rpw : [Rowperfect](#) for Windows" and "RP3W : ROWPERFECT3  
for Windows". 41 54 26 54 46 4F 52 4D  
?? ?? ?? ?? 44 4A 56 AT&TFORM????DJV 0 djvu  
djb [DjVu](#) document  
The following byte is either 55 ( U ) for single-page or 4D ( M ) for multi-page documents. 2D 2D 2D 2D 2D  
42 45 47 49 4E 20 43 45 52 54 49 46 49 43 41 54 45 2D 2D 2D 2D 2D -----BEGIN CERTIFICATE----- 0 crt  
pem PEM encoded X.509 [certificate](#) 2D 2D 2D 2D 2D 42 45 47 49 4E 20 43 45 52 54 49 46 49 43 41 54 45 20  
52 45 51 55 45 53 54 2D 2D 2D 2D 2D -----BEGIN CERTIFICATE REQUEST----- 0 csr  
pem PEM encoded X.509 [Certificate Signing Request](#) 2D 2D 2D 2D 2D 42 45 47 49 4E 20 50 52 49 56 41 54  
45 20 4B 45 59 2D 2D 2D 2D 2D -----BEGIN PRIVATE KEY----- 0 key  
pem PEM encoded X.509 PKCS#8 private key 2D 2D 2D 2D 2D 42 45 47 49 4E 20 44 53 41 20 50 52 49 56  
41 54 45 20 4B 45 59 2D 2D 2D 2D 2D -----BEGIN DSA PRIVATE KEY----- 0 key  
pem PEM encoded X.509 PKCS#1 [DSA](#) private key 2D 2D 2D 2D 2D 42 45 47 49 4E 20 52 53 41 20 50 52 49



file 78 01 x<sup>so</sup> 0 zlib No Compression (no preset dictionary) 78 5E x<sup>^</sup> Best speed (no preset dictionary) 78 9C x<sup>œ</sup> Default Compression (no preset dictionary) 78 DA x<sup>Ú</sup> Best Compression (no preset dictionary) 78 20 x<sup>š</sup> No Compression (with preset dictionary) 78 7D x<sup>}</sup> Best speed (with preset dictionary) 78 BB x<sup>»</sup> Default Compression (with preset dictionary) 78 F9 x<sup>ù</sup> Best Compression (with preset dictionary) 62 76 78 32 bxv2 0 lzfs LZFS - Lempel-Ziv style data compression algorithm using Finite State Entropy coding. OSS by Apple.<sup>[72]</sup> 4F 52 43 ORC 0 orc [Apache ORC](#) (Optimized Row Columnar) file format 4F 62 6A 01 Obj<sup>so</sup> 0 avro [Apache Avro](#) binary file format 53 45 51 36 SEQ6 0 rc [RCFile](#) columnar file format 3C 72 6F 62 6C 6F 78 21 <roblox! 0 rbxl Roblox place file<sup>[73]</sup> 65 87 78 56 e<sup>†</sup>xV 0 p25

obt PhotoCap Object Templates 55 55 AA AA UU<sup>aa</sup> 0 pcv PhotoCap Vector 78 56 34 xV4 0 pbt

pdt

pea

peb

pet

pgt

pict

pjt

pkt

pmt PhotoCap Template 50 41 52 31 PAR1 0 [Apache Parquet](#) columnar file format 45 4D 58 32 EMX2 0 ez2

[Emulator Emaxsynth](#) samples 45 4D 55 33 EMU3 0 ez3

iso [Emulator III](#) synth samples 1B 4C 75 61 <sup>E</sup> Lua 0 luac [Lua bytecode](#)<sup>[74]</sup> 62 6F 6F 6B 00 00 00 00

6D 61 72 6B 00 00 00 00 book<sup>N<sub>L</sub>N<sub>L</sub>N<sub>L</sub>N<sub>L</sub>mark<sup>N<sub>L</sub>N<sub>L</sub>N<sub>L</sub>N<sub>L</sub></sup></sup> 0 alias macOS file Alias<sup>[75]</sup> ([Symbolic link](#)) 62 6F 6F 6B book 0 macOS [bookmark](#) format 5B 5A 6F 6E 65 54 72 61

6E 73 66 65 72 5D [ZoneTransfer] 0 Identifier Microsoft Zone Identifier for URL Security Zones<sup>[76][77]</sup> 52 65 63 65 69 76 65 64

3A Received: 0 eml Email Message var5<sup>[citation needed]</sup> 20 02 01 62 A0 1E AB 07

02 00 00 00 <sup>S<sub>p</sub>S<sub>T</sub>S<sub>o</sub>h<sub>b</sub>L<sub>r</sub>R<sub>s</sub> «<sup>B</sup>E<sub>L</sub>S<sub>T</sub>N<sub>L</sub>N<sub>L</sub>N<sub>L</sub></sup> 0 tde Tableau Datasource 37 48 03 02 00 00 00 00

58 35 30 39 4B 45 59 7H<sup>E<sub>T</sub>S<sub>T</sub>N<sub>L</sub>N<sub>L</sub>N<sub>L</sub>N<sub>L</sub>X509KEY</sup> 0 kdb KDB file 85 ?? ?? 03 ...??<sup>E<sub>T</sub></sup> 0 pgp PGP file<sup>[78]</sup> 28 B5

2F FD (μ/ý 0 zst [Zstandard](#) compress<sup>[79][80]</sup> 52 53 56 4B 44 41 54 41 RSVKDATA 0 rs QuickZip rs compressed archive<sup>[81][82]</sup> 3A 29 0A :)<sup>ı</sup> 0 sml [Smile](#) file 4A 6F 79 21 Joy! 0 [Preferred Executable Format](#) 34 12 AA 55 4<sup>o</sup><sub>2</sub>^U 0 vpk VPK file, used to store game data for some [Source Engine](#) games 2A 2A 41 43 45 2A 2A \*\*ACE\*\* 7 ace [ACE \(compressed file format\)](#)<sup>[citation needed]</sup> 60 EA `ê 0 arj [ARJ](#) 49 53 63 28

Isc( 0 cab [InstallShield](#) CAB Archive File 4B 57 41 4A KWAJ 0 ??\_ Windows 3.1x Compressed File 53 5A 44 44 SZDD 0 ??\_ Windows 9x Compressed File 5A 4F 4F Z00 0 zoo [Zoo \(file format\)](#) 50 31 0A P1<sup>ı</sup> 0 pbm [Portable bitmap](#) ASCII 50 34 0A P4<sup>ı</sup> 0 pbm [Portable bitmap](#) binary 50 32 0A P2<sup>ı</sup> 0 pgm [Portable Gray Map](#) ASCII 50 35 0A P5<sup>ı</sup> 0 pgm [Portable Gray Map](#) binary 50 33 0A P3<sup>ı</sup> 0 ppm [Portable Pixmap](#) ASCII 50 36 0A P6<sup>ı</sup> 0 ppm [Portable Pixmap](#) binary D7 CD C6 9A xÍÆš 0 wmf [Windows Metafile](#) 67 69 6D 70 20 78 63 66 gimp xcf 0 xcf [XCF \(file format\)](#) 2F 2A 20 58 50 4D 20 2A

2F /\* XPM \*/ 0 xpm [X PixMap](#) 41 46 46 AFF 0 aff Advanced Forensics Format 45 56 46 32 EVF2 0 Ex01 [EnCase](#) EWF version 2 format 45 56 46 EVF 0 e01 [EnCase](#) EWF version 1 format 51 46 49 QFI 0 qcow [qcow](#) file format 52 49 46 46 ?? ?? ?? ??

41 43 4F 4E RIFF????ACON 0 ani [Animated cursor](#) 52 49 46 46 ?? ?? ?? ??

43 44 44 41 RIFF????CDDA 0 cda [.cda file](#) 52 49 46 46 ?? ?? ?? ??

51 4C 43 4D RIFF????QLCM 0 qcp [Qualcomm PureVoice](#) file format 52 49 46 58 ?? ?? ?? ??

46 47 44 4D (big-endian) RIFX????FGDM 0 dcr [Adobe Shockwave](#)<sup>[83][84][85]</sup> 58 46 49 52 ?? ?? ?? ??

4D 44 47 46 (little-endian) XFIR????MDGF 52 49 46 58 ?? ?? ?? ??

4D 56 39 33 (big-endian) RIFX????MV93 0 dir

dxr

drx [Macromedia Director](#) file format<sup>[86][84][85]</sup> 58 46 49 52 ?? ?? ?? ??

33 39 56 4D (little-endian) XFIR????39VM 46 4C 56 FLV 0 flv [Flash Video](#) file 3C 3C 3C 20 4F 72 61 63

6C 65 20 56 4D 20 56 69

72 74 75 61 6C 42 6F 78

20 44 69 73 6B 20 49 6D

61 67 65 20 3E 3E 3E <<< 0rac

le VM Vi

rtualBox

Disk Im

age >>> 0 vdi [VirtualBox](#) Virtual Hard Disk file format 63 6F 6E 65 63 74 69 78 conectix 0 vhd [Windows Virtual PC](#) Virtual Hard Disk file format<sup>[87]</sup> 76 68 64 78 66 69 6C 65 vhdxfile 0 vhdx [Windows Virtual PC](#) Windows 8 Virtual Hard Disk file format 49 73 5A 21 IsZ! 0 isz Compressed [ISO image](#) 44 41 41 DAA 0 daa [Direct Access Archive](#) PowerISO 4C 66 4C 65 LfLe 0 evt Windows [Event Viewer](#) file format 45 6C 66

46 69 6C 65 ElfFile 0 evtX Windows [Event Viewer](#) XML file format 73 64 62 66 sdbf 8 sdb Windows customized database 50 4D 43 43 PMCC 0 grp Windows 3.x [Program Manager](#) Program Group file format 4B

43 4D 53 KCMS 0 icm [ICC profile](#) 72 65 67 66 regf 0 dat

hiv [Windows Registry](#) file 21 42 44 4E !BDN 0 pst Microsoft Outlook [Personal Storage Table](#) file 44 52 41

43 4F DRACO 0 drc 3D model compressed with Google Draco<sup>[88]</sup> 47 52 49 42 GRIB 0 grib

grib2 Gridded data (commonly weather observations or forecasts) in the [WMO GRIB](#) or [GRIB2](#) format<sup>[89]</sup> 42 4C

45 4E 44 45 52 BLENDER 0 blend Blender File Format<sup>[90]</sup> 00 00 00 0C 4A 58 4C 20 0D 0A 87 0A

<sup>N<sub>L</sub> N<sub>L</sub> N<sub>L</sub> F<sub>F</sub></sup> JXL <sup>S<sub>P</sub> C<sub>R</sub> L<sub>r</sub> † L<sub>r</sub></sup> 0 jxl Image encoded in the [JPEG XL](#) format<sup>[91]</sup> FF 0A <sup>ÿ L<sub>r</sub></sup> 00 01 00 00 00 <sup>N<sub>L</sub> S<sub>O</sub> N<sub>L</sub> N<sub>L</sub> N<sub>L</sub></sup>

0 ttf

tte

dfont [TrueType](#) font 4F 54 54 4F OTTO 0 otf [OpenType](#) font<sup>[92]</sup> 23 25 4D 6F 64 75 6C 65 #Module 0

Modulefile for [Environment Modules](#)<sup>[93]</sup> 4D 53 57 49 4D 00 00 00

D0 00 00 00 00 MSWIM<sup>N<sub>L</sub> N<sub>L</sub> N<sub>L</sub> N<sub>L</sub> N<sub>L</sub> N<sub>L</sub> N<sub>L</sub></sup> 0 wim

swm

esd [Windows Imaging Format](#) file 21 2D 31 53 4C 4F 42 1F !-1SLOB<sup>u<sub>s</sub></sup> 0 slob Slob (sorted list of [Object storages](#)) is a read-only, compressed data store with dictionary-like interface<sup>[94]</sup> AC ED -í 0 Serialized Java Data<sup>[95]</sup> 43 72 65 61 74 69 76 65 20 56 6F 69 63 65 20 46 69 6C 65 1A 1A 00 Creative Voice File 0 voc

[Creative Voice file](#) 2E 73 6E 64 .snd 0 au

snd [Au audio file format](#) DB 0A CE 00 0 OpenGL Iris Performer .PFB (Performer Fast Binary)<sup>[96]</sup> 48 5a 4c 52

00 00 00 18 HZLR 0 hazelrules Noodlesoft Hazel<sup>[97]</sup> 46 4C 68 64 FLhd 0 flp FL Studio Project File 31 30

4C 46 10LF 0 flm FL Studio Mobile Project File 52 4b 4d 43 32 31 30 RKM210 0 Vormetric Encryption

DPM Version 2.1 Header<sup>[98]</sup> 00 01 00 00 4D 53 49 53 41 4D 20 44 61 74 61 62 61 73 65 <sup>N<sub>L</sub> S<sub>O</sub> N<sub>L</sub> N<sub>L</sub> N<sub>L</sub></sup> MSISAM

Database 0 mny Microsoft Money file 00 01 00 00 53 74 61 6E 64 61 72 64 20 41 43 45 20 44 42  
<sup>N<sub>L</sub>S<sub>O<sub>H</sub>N<sub>L</sub>N<sub>L</sub></sub></sup>Standard ACE DB 0 accdb Microsoft Access 2007 Database 00 01 00 00 53 74 61 6E 64 61 72 64 20  
 4A 65 74 20 44 42 <sup>N<sub>L</sub>S<sub>O<sub>H</sub>N<sub>L</sub>N<sub>L</sub></sub></sup>Standard Jet DB 0 mdb Microsoft Access Database 01 FF 02 04 03 02  
<sup>S<sub>O<sub>U</sub>Y<sup>S<sub>r</sub></sup>S<sub>r</sub>E<sub>r</sub>E<sub>r</sub>S<sub>r</sub></sub></sup> 0 drw Micrografx vector graphic file 02 64 73 73 <sup>S<sub>r</sub></sup>.dss 0 dss Digital Speech Standard (Olympus,  
 Grundig, & Phillips) v2 03 64 73 73 <sup>E<sub>r</sub></sup>.dss 0 dss Digital Speech Standard (Olympus, Grundig, & Phillips) v3  
 03 00 00 00 41 50 50 52 <sup>E<sub>r</sub>N<sub>L</sub>N<sub>L</sub>N<sub>L</sub></sup>APPR 0 adx Approach index file 06 06 ED F5 D8 1D 46 E5 BD 31 EF E7 FE  
 74 B7 1D <sup>^<sub>C<sub>X</sub>^<sub>C<sub>X</sub></sub>īōø<sub>S</sub>Fâ½¼ĩçpt<sub>S</sub></sub></sup> 0 indd Adobe InDesign document 06 0E 2B 34 02 05 01 01 0D 01 02 01 01  
 02 <sup>^<sub>C<sub>X</sub>^<sub>S<sub>O</sub></sub>+4<sup>S<sub>r</sub>E<sub>r</sub>N<sub>L</sub>S<sub>O<sub>H</sub>S<sub>O<sub>H</sub></sub>C<sub>R</sub>S<sub>O<sub>H</sub>S<sub>r</sub>S<sub>O<sub>H</sub>S<sub>r</sub></sub></sub></sub></sup> 0-65535 (run-in) mxm Material Exchange Format file 07 53 4B 46 <sup>E<sub>r</sub></sup>.SKF 0 skf  
 SkinCrafter skin file 07 64 74 32 64 64 74 64 <sup>E<sub>r</sub></sup>.dtd 0 dtd DesignTools 2D Design file 0A 16 6F 72 67  
 2E 62 69 74 63 6F 69 6E 2E 70 72 <sup>L<sub>F</sub>^<sub>S<sub>r</sub></sub>org.bitcoin.pr</sup> 0 wallet MultiBit Bitcoin wallet file 0D 44 4F 43  
<sup>C<sub>R</sub></sup>DOC 0 doc DeskMate Document file 0E 4E 65 72 6F 49 53 4F <sup>S<sub>O</sub></sup>NeroISO 0 nri Nero CD Compilation 0E  
 57 4B 53 <sup>S<sub>O</sub></sup>WKS 0 wks DeskMate Worksheet 0F 53 49 42 45 4C 49 55 53 <sup>S<sub>O</sub></sup>SIBELIUS 0 sib Sibelius Music -  
 Score file 23 20 4D 69 63 72 6F 73 6F 66 74 20 44 65 76 65 6C 6F 70 65 72 20 53 74 75 64 69 6F #  
 Microsoft Developer Studio 0 dsp Microsoft Developer Studio project file 23 21 41 4D 52 #!AMR 0 amr  
 Adaptive Multi-Rate ACELP (Algebraic Code Excited Linear Prediction) Codec, commonly audio format with  
 GSM cell phones. 23 21 53 49 4C 4B 0A #!SILK <sup>L<sub>F</sub></sup> 0 sil Audio compression format developed by Skype 23  
 3F 52 41 44 49 41 4E 43 45 0A #?RADIANCE <sup>L<sub>F</sub></sup> 0 hdr Radiance High Dynamic Range image file 23 40 7E 5E  
 #@~^ 0 vbe VBScript Encoded script 0D F0 1D C0 <sup>C<sub>R</sub>^<sub>S<sub>O</sub></sub>À</sup> 0 cdb MikroTik WinBox Connection Database  
 (Address Book) 23 45 58 54 4D 33 55 #EXTM3U 0 m3u</sub></sup>

m3u8

[Multimedia playlist](#) 6D 64 66 00 mdf<sup>N<sub>L</sub></sup> 0 m M2 Archive, used by game developer [M2](#) 4B 50 4B 41 KPKA 0  
 pak [Capcom RE Engine](#) game data archives 41 52 43 ARC 0 arc [Capcom MT Framework](#) game data archives  
 41 72 43 ArC 0 arc  
 cdx [FreeArc](#) file D0 4F 50 53 ĐOPS 0 pl [Interleaf](#) PrinterLeaf / WorldView document format (now [Broadvision](#)  
 QuickSilver) 6E 2B 31 00 n+1 344 nii Single file [NIFTI](#) format, used extensively in biomedical imaging. 6E  
 69 31 00 ni1 344 hdr Header file of a .hdr/.img pair in [NIFTI](#) format, used extensively in biomedical imaging.  
 52 41 46 36 34 RAF64 0 Report Builder file from [Digital Metaphors](#) 56 49 53 33 VIS3 0 Resource file  
[Visionaire 3.x Engine](#) 4D 53 48 7C  
 42 53 48 7C MSH |  
 BSH | 0 hl7 Health Level Seven (HL7) Standard for electronic data exchange [\[1\]](#) 70 77 72 64 61 74 61  
 pwrdata 0 pwrdata SAP [Power Monitor](#) (version 1.1.0 and higher) data file 1a 08 .. 0 arc ARC archive file  
 2d 2d 2d 2d 2d 42 45 47 49 4e 20 50 47 50 20 50 55 42 4c 49 43 20 4b 45 49 20 42 4c 4f 43 4b 2d 2d 2d  
 2d 2d -----BEGIN PGP PUBLIC KEY BLOCK----- 0 asc Armored PGP public key 3a 42 61 73 65 20 :Base 0  
 cnt Windows 3.x - Windows 95 Help Contents 52 49 46 46 ?? ?? ?? ?? 56 44 52 4d RIFF????VDRM 0 vdr  
 VirtualDub 52 59 46 46 ?? ?? ?? ?? 54 52 49 44 RIFF????TRID 0 trd TrID 52 49 46 46 ?? ?? ?? ?? 73 68  
 77 34 RIFF????shw4 0 shw Corel SHOW! 4.0 52 49 46 46 ?? ?? ?? ?? 73 68 77 35 RIFF????shw5 0 shw  
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 49 46 46 ?? ?? ?? ?? 73 68 62 35 RIFF????shb5 0 shb Corel SHOW! 5.0 background 52 49 46  
 46 ?? ?? ?? ?? 52 4d 4d 50 RIFF????RMMP 0 mmm MacroMind Multimedia Movie or Microsoft Multimedia  
 Movie 41 53 54 4d 2d 45 35 37 ASTM-E57 0 e57 ASTM E57 3D file format aa aa aa aa aaaa 0 sys  
[Crowdstrike](#) Channel File 8C 0A 00 Ć.. 0 ucas [Unreal Engine](#) Compressed Asset Storage file 2D 3D 3D 2D

2D 3D 3D 2D 2D 3D 3D 2D 2D 3D 3D 2D ----- 0 utoc [Unreal Engine](#) Table of Contents file 43 36  
34 46 69 6C 65 00 C64File 0 P00 (P01, P02,...) [Commodore 64](#) binary file (source:

[\\*.P00 format for Power64 emulator](#))

44 55 43 4B DUCK 8 [DuckDB](#) database file (source:

[Source code](#))

4C 50 4B 53 48 48 52 48 LPKSHHRH 0 journal [journald](#) log file<sup>[99]</sup> E0 01 00 EA ê<sup>Ń</sup> Ń<sup>Ń</sup> à 0 [Ion \(serialization format\)](#) binary encoding<sup>[100]</sup> 42 53 44 49 46 46 34 30 BSDIFF40 0 [bsdiff](#) binary patch 7C 61 8A B2 |aš<sup>2</sup> 0  
hpapp  
hpprgm  
hpsettings [HP Prime](#) graphing calculator file 43 5A 50 58 CZPX 0 czx [Czip X](#) encrypted archive (v4.x) 43 50  
43 48 CPCH 0 pch [Clang](#) pre-compiled header

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