|  |  |  |
| --- | --- | --- |
| **Hex Signature** |  | **ASCII Signature** |
| **File Extension** |  | **File Description** |
| TGA |  | Truevision Targa Graphic file **Trailer:** 54 52 55 45 56 49 53 49 TRUEVISI 4F 4E 2D 58 46 49 4C 45 ON-XFILE 2E 00 .. |
| 00 |  | . |
| PIC |  | IBM Storyboard bitmap file |
| 00 |  | . |
| PIF |  | Windows Program Information File |
| [11 byte offset] 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 |  | [11 byte offset] …….. …….. …….. |
| PDB |  | Palmpilot Database/Document File |
| 00 00 00 xx 66 74 79 70 |  | ….ftyp |
| 3GG, 3G2 |  | 3rd Generation Partnership Project 3GPP (xx=0x14) and 3GPP2 (xx=0x20) multimedia files |
| 00 00 01 00 |  | …. |
| ICO |  | Windows icon file |
| 00 00 01 Bx |  | …. |
| MPG |  | MPEG video file |
| 00 00 02 00 |  | …… |
| CUR |  | Windows cursor file |
| 00 00 1A 00 10 04 |  | …… |
| WKS |  | Lotus MS Works document |
| 00 00 49 49 58 50 52 ***or*** |  | ..IIXPR |
| 00 00 4D 4D 58 50 52 |  | ..MMXPR |
| QXD |  | Quark Express document (Intel & Motorola, respectively) **NOTE:** It appears that the byte following the 0x52 (“R”) is the language indicator; 0x33 (“3”) seems to indicate English and 0x61 (“a”) reportedly indicates Korean. |
| [7 byte offset] 00 00 FF FF FF FF |  | [7 byte offset] ..ÿÿÿÿ |
| HLP |  | Windows Help file |
| 00 01 00 00 4D 53 49 53 41 4D 20 44 61 74 61 62 61 73 65 |  | ….MSIS AM Datab ase |
| MNY |  | Microsoft Money file |
| 00 01 00 00 53 74 61 6E 64 61 72 64 20 4A 65 74 20 44 42 |  | ….Stan dard Jet DB |
| MDB |  | Microsoft Access file |
| 00 01 00 08 00 01 00 01 01 |  | …….. . |
| IMG |  | Ventura Publisher/GEM VDI Image Format Bitmap file |
| 00 06 15 61 00 00 00 02 00 00 04 D2 00 00 10 00 |  | …a…. …Ò…. |
| DB |  | Netscape Navigator (v4) database file |
| 00 11 AF |  | ..¯ |
| FLI |  | FLIC Animation file |
| 00 1E 84 90 00 00 00 00 |  | …….. |
| SNM |  | Netscape Commuicator (v4) mail folder |
| [512 byte offset] 00 6E 1E F0 |  | [512 byte offset] .n.ð |
| PPT |  | PowerPoint presentation subheader |
| 01 00 00 00 |  | …. |
| EMF |  | Extended (Enhanced) Windows Metafile Format, printer spool file (0x18-17 & 0xC4-36 is Win2K/NT; 0x5C0-1 is WinXP) |
| 01 00 00 00 01 |  | ….. |
| PIC |  | Unknown type picture file |
| 01 10 |  | .. |
| TR1 |  | Novell LANalyzer capture file |
| 01 DA 01 01 00 03 |  | .Ú…. |
| RGB |  | Silicon Graphics RGB Bitmap |
| 01 FF 02 04 03 02 |  | .ÿ…. |
| DRW |  | Micrografx vector graphic file |
| 03 |  | . |
| DB3 |  | dBASE III file |
| 03 00 00 00 |  | …. |
| QPH |  | Quicken QPH file |
| 04 |  | . |
| DB4 |  | dBASE IV data file |
| 07 |  | . |
| DRW |  | A common signature and file extension for many drawing programs. |
| 08 |  | . |
| DB |  | dBASE IV or dBFast configuration file |
| [512 byte offset] 09 08 10 00 00 06 05 00 |  | [512 byte offset] …….. |
| XLS |  | Excel spreadsheet subheader |
| 0A xx 01 01 |  | …. |
| PCX |  | ZSOFT Paintbrush file (where *xx* = 0x02, 0x03, or 0x05) |
| 0C ED |  | .í |
| MP |  | Monochrome Picture TIFF bitmap file (unconfirmed) |
| [512 byte offset] 0F 00 E8 03 |  | [512 byte offset] ..è. |
| PPT |  | PowerPoint presentation subheader |
| 11 00 00 00 53 43 43 41 |  | ….SCCA |
| PF |  | Windows prefetch file |
| 1A 0x |  | .. |
| ARC |  | LH archive file, old version (where x = 0x8 or 0x9) |
| 1A 0B |  | .. |
| PAK |  | Compressed archive file (often associated with Quake Engine games) |
| 1A 35 01 00 |  | .5.. |
| ETH |  | GN Nettest WinPharoah capture file |
| 1D 7D |  | .} |
| WS |  | WordStar Version 5.0/6.0 document |
| 1F 8B 08 |  | … |
| GZ |  | GZIP archive file |
| 1F 9D 90 |  | … |
| TAR.Z |  | Compressed tape archive file |
| 21 3C 61 72 63 68 3E 0A 2F 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 |  | !<arch>. / |
| LIB |  | Microsoft Program Library Common Object File Format (COFF) |
| 21 42 44 4E |  | !BDN |
| PST |  | Microsoft Outlook Personal Folder 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 |  | # Micros oft Deve loper St udio |
| DSP |  | Microsoft Developer Studio project file |
| 24 46 4C 32 40 28 23 29 20 53 50 53 53 20 44 41 54 41 20 46 49 4C 45 |  | $FL2@(#) SPSS DA TA FILE |
| SAV |  | SPSS Data file |
| 25 21 50 53 2D 41 64 6F 62 65 2D 33 2E 30 20 45 50 53 46 2D 33 20 30 |  | %!PS-Ado be-3.0 E PSF-3.0 |
| EPS |  | Adobe encapsulated PostScript file (If this signature is not at the immediate beginning of the file, it will occur early in the file, commonly at byte offset 30) |
| 25 50 44 46 |  | %PDF |
| PDF |  | Adobe Portable Document Format file **Trailers:** 0A 25 25 45 4F 46 0A (.%%EOF.) 0D 0A 25 25 45 4F 46 0D 0A (..%%EOF..) 0D 25 25 45 4F 46 0D (.%%EOF.) |
| [2 byte offset] 2D 6C 68 |  | [2 byte offset] -lh |
| LZH |  | Compressed archive file |
| 2E 52 4D 46 |  | .RMF |
| RM |  | Real media file |
| 30 00 00 00 4C 66 4C 65 |  | 0…LfLe |
| EVT |  | Windows Event Viewer file |
| 30 26 B2 75 8E 66 CF 11 A6 D9 00 AA 00 62 CE 6C |  | 0&²u.fÏ. ¦Ù.ª.bÎl |
| ASF |  | Microsoft Media Audio/Video File (Advanced Streaming Format) |
| 31 BE ***or*** |  | 1¾ |
| 32 BE |  | 2¾ |
| WRI |  | Microsoft Write file |
| 34 CD B2 A1 |  | 4Í²¡ |
| n/a |  | Extended tcpdump (libpcap) capture file (Linux/Unix) |
| 37 7A BC AF 27 1C |  | 7z¼¯’. |
| 7Z |  | 7-Zip compressed file |
| 38 42 50 53 |  | 8BPS |
| PSD |  | Photoshop image file |
| 3C 21 64 6F 63 74 79 70 |  | <!doctyp |
| DCI |  | AOL HTML mail file |
| 3F 5F 03 |  | ?\_. |
| HLP |  | Windows Help file |
| 41 43 53 44 |  | ACSD |
| n/a |  | Miscellaneous AOL parameter and information files |
| 41 4D 59 4F |  | AMYO |
| SYW |  | Harvard Graphics symbol graphic |
| 41 4F 4C 20 46 65 65 64 62 61 67 |  | AOL Feed bag |
| BAG |  | AOL and AIM buddy list file |
| 41 4F 4C 44 42 |  | AOLDB |
| ABY, IDX |  | AOL database files: address book (ABY) and user configuration data (MAIN.IDX) |
| 41 4F 4C 49 44 58 |  | AOLIDX |
| IND |  | AOL client preferences/settings file (MAIN.IND) |
| 41 4F 4C 49 4E 44 45 58 |  | AOLINDEX |
| ABI |  | AOL address book index file |
| 41 4F 4C 56 4D 31 30 30 |  | AOLVM100 |
| n/a |  | AOL personal file cabinet (PFC) file |
| 42 4D |  | BM |
| BMP, DIB |  | Windows bitmap image |
| 42 5A |  | BZ |
| BZ2, TAR.BZ2, TBZ2, TB2 |  | [bzip2](http://en.wikipedia.org/wiki/Bzip) compressed archive |
| 43 42 46 49 4C 45 |  | CBFILE |
| CBD |  | WordPerfect dictionary file (unconfirmed) |
| 43 44 30 30 31 |  | CD001 |
| ISO |  | ISO-9660 CD Disc Image (This signature usually occurs at byte 8001, 8801, or 9001.) |
| 43 57 53 |  | CWS |
| SWF |  | Shockwave Flash file (v5+) |
| 43 6C 69 65 6E 74 20 55 |  | Client U |
| DAT |  | IE History DAT file |
| 45 52 46 53 53 41 56 45 44 41 54 41 46 49 4C 45 |  | ERFSSAVE DATAFILE |
| DAT |  | Kroll EasyRecovery Saved Recovery State file |
| 45 56 46 |  | EVF |
| E*nn* (where *nn* are numbers) |  | EnCase evidence file |
| 46 41 58 43 4F 56 45 52 2D 56 45 52 |  | FAXCOVER -VER |
| CPE |  | Microsoft Fax Cover Sheet |
| 46 45 44 46 |  | FEDF |
| SBV |  | (Unknown file type) |
| 46 4C 56 |  | FLV |
| SWF |  | Flash video file |
| 46 57 53 |  | FWS |
| SWF |  | Shockwave Flash file |
| 46 72 6F 6D 20 20 20 ***or*** |  | FHom |
| 46 72 6F 6D 20 3F 3F 3F ***or*** |  | FHom ??? |
| 46 72 6F 6D 3A 20 |  | FHom: |
| EML |  | A commmon file extension for e-mail files. Signatures shown here are for Netscape, Eudora, and a generic signature, respectively. EML is also used by Outlook Express and QuickMail. |
| 47 46 31 50 41 54 43 48 |  | GF1PATCH |
| PAT |  | Advanced Gravis Ultrasound patch File |
| 47 49 46 38 37 61 ***or*** |  | GIF87a |
| 47 49 46 38 39 61 |  | GIF89a |
| GIF |  | Graphics interchange format file **Trailer:** 00 3B (.;) |
| 47 50 41 54 |  | GPAT |
| PAT |  | GIMP (GNU Image Manipulation Program) pattern file |
| 47 58 32 |  | GX2 |
| GX2 |  | Show Partner graphics file (not confirmed) |
| 48 48 47 42 31 |  | HHGB1 |
| SH3 |  | Harvard Graphics presentation file |
| 49 20 49 |  | I I |
| TIF |  | Tag image file format (TIFF) file |
| 49 44 33 |  | ID3 |
| MP3 |  | MPEG/MP3 audio file |
| 49 49 2A |  | II\* |
| TIF |  | Tag image file format (TIFF) file (little endian, i.e., LSB first in the byte; Intel) |
| 49 54 53 46 |  | ITSF |
| CHM |  | Microsoft HTML Help Compiled Help File |
| 4A 47 03 0E 00 00 00 ***or*** |  | JG….. |
| 4A 47 04 0E 00 00 00 |  | JG….. |
| ART |  | AOL ART file |
| 4C 00 00 00 01 14 02 00 |  | L……. |
| LNK |  | Windows shortcut file |
| 4C 01 |  | L. |
| OBJ |  | Relocatable object code |
| 4C 4E 02 00 |  | LN.. |
| HLP |  | Windows Help file |
| 4D 4D 00 2A |  | MM.\* |
| TIF |  | Tag image file format (TIFF) file (big endian, i.e., LSB last in the byte; Motorola) |
| 4D 4D 4D 44 00 00 |  | MMMD.. |
| MMF |  | Yamaha Corp. Synthetic music Mobile Application Format (SMAF) for multimedia files that can be played on hand-held devices. |
| 4D 53 43 46 |  | MSCF |
| CAB |  | Microsoft cabinet file |
| PPZ |  | Powerpoint Packaged Presentation |
| SNP |  | Microsoft Access Snapshot Viewer file |
| 4D 54 68 64 |  | MThd |
| MID, MIDI |  | Musical Instrument Digital Interface (MIDI) sound file |
| 4D 56 |  | MV |
| DSN |  | CD Stomper Pro label file |
| 4D 5A |  | MZ |
| COM, DLL, DRV, EXE, PIF, QTS, QTX, SYS |  | Windows/DOS executable file |
| AX |  | Library cache file |
| CPL |  | Control panel application |
| FON |  | Font file |
| FLT |  | Graphic filter file |
| OCX |  | ActiveX or OLE Custom Control |
| OLB |  | OLE object library |
| SCR |  | Screen saver |
| VBX |  | VisualBASIC application |
| VXD, 386 |  | Windows virtual device drivers |
| 4D 69 63 72 6F 73 6F 66 74 20 56 69 73 75 61 6C 20 53 74 75 64 69 6F 20 53 6F 6C 75 74 69 6F 6E 20 46 69 6C 65 |  | Microsof t Visual Studio Solution File |
| SLN |  | Visual Studio .NET Solution file |
| [84 byte offset] 4D 69 63 72 6F 73 6F 66 74 20 57 69 6E 64 6F 77 73 20 4D 65 64 69 61 20 50 6C 61 79 65 72 20 2D 2D 20 |  | [84 byte offset] Microsof t Window s Media Player – – |
| WPL |  | Windows Media Player playlist |
| 4F 50 4C 44 61 74 61 62 61 73 65 46 69 6C 65 |  | OPLDatab aseFile |
| DBF |  | Psion Series 3 Database file |
| 4F 7B |  | O{ |
| DW4 |  | Visio/DisplayWrite 4 text file (unconfirmed) |
| 50 00 00 00 20 00 00 00 |  | P… … |
| IDX |  | Quicken QuickFinder Information File |
| 50 35 0A |  | P5. |
| PGM |  | Portable Graymap Graphic |
| 50 41 43 4B |  | PACK |
| PAK |  | Quake archive file |
| 50 49 43 54 00 08 |  | PICT.. |
| IMG |  | ADEX Corp. ChromaGraph Graphics Card Bitmap Graphic file |
| 50 4B 03 04 |  | PK.. |
| ZIP |  | PKZIP archive file ([Ref. 1](http://members.tripod.com/~petlibrary/ZIP.HTM) | [Ref. 2](http://www.pkware.com/products/enterprise/white_papers/appnote.txt)) **Trailer:** *filename*50 4B*17 characters*00 00 00 **Trailer:** (*filename*PK*17 characters*…) |
| JAR |  | Java archive; compressed file package for classes and data |
| SXC, SXD, SXI, SXW |  | OpenOffice spreadsheet, drawing, presentation, and text files |
| XPI |  | Mozilla Browser Archive |
| XPT |  | eXact Packager Models |
| [30 byte offset] 50 4B 4C 49 54 45 |  | [30 byte offset] PKLITE |
| ZIP |  | PKLITE compressed ZIP archive (see also PKZIP) |
| [526 byte offset] 50 4B 53 70 58 |  | [526 byte offset] PKSFX |
| ZIP |  | PKSFX self-extracting executable compressed file (see also PKZIP) |
| 50 4D 43 43 |  | PMCC |
| GRP |  | Windows Program Manager group file |
| [92 byte offset] 51 45 4C 20 |  | [92 byte offset] QEL |
| QEL |  | Quicken data file |
| 51 46 49 FB |  | QFI. |
| IMG |  | QEMU Qcow Disk Image |
| 51 57 20 56 65 72 2E 20 |  | QW Ver. |
| ABD, QSD |  | Quicken data file |
| 52 45 47 45 44 49 54 34 |  | REGEDIT4 |
| REG, SUD |  | Windows NT Registry and Registry Undo files |
| 52 49 46 46 xx xx xx xx 41 43 4F 4E |  | RIFF…. ACON |
| ANI |  | Resource Interchange File Format — Animated Cursor file |
| 52 49 46 46 xx xx xx xx 41 56 49 20 4C 49 53 54 |  | RIFF…. AVI LIST |
| AVI |  | Resource Interchange File Format — [Windows Audio Video Interleave file](http://msdn.microsoft.com/archive/default.asp?url=/archive/en-us/dx81_c/directx_cpp/htm/avirifffilereference.asp) |
| 52 49 46 46 xx xx xx xx 43 44 44 41 66 6D 74 20 |  | RIFF…. CDDAfmt |
| CDA |  | Resource Interchange File Format — Compact Disc Digital Audio (CD-DA) file |
| 52 49 46 46 xx xx xx xx 51 4C 43 4D 66 6D 74 20 |  | RIFF…. QLCMfmt |
| QCP |  | Resource Interchange File Format — Qualcomm PureVoice |
| 52 49 46 46 xx xx xx xx 52 4D 49 44 64 61 74 61 |  | RIFF…. RMIDdata |
| RMI |  | Resource Interchange File Format — [Windows Musical Instrument Digital Interface file](http://www.digitalpreservation.gov/formats/fdd/fdd000120.shtml) |
| 52 49 46 46 xx xx xx xx 57 41 56 45 66 6D 74 20 |  | RIFF…. WAVEfmt |
| WAV |  | Resource Interchange File Format — [Audio for Windows file](http://ccrma.stanford.edu/courses/422/projects/WaveFormat/) |
| 52 54 53 53 |  | RTSS |
| CAP |  | Windows NT Netmon capture file |
| 52 61 72 21 1A 07 00 |  | Rar!… |
| RAR |  | WinRAR compressed archive file |
| 53 43 4D 49 |  | SCMI |
| IMG |  | Img Software Set Bitmap |
| 53 48 4F 57 |  | SHOW |
| SHW |  | Harvard Graphics DOS Ver. 2/x Presentation file |
| 53 49 45 54 52 4F 4E 49 43 53 20 58 52 44 20 53 43 41 4E |  | SIETRONI CS XRD S CAN |
| CPI |  | Sietronics CPI XRD document |
| 53 4D 41 52 54 44 52 57 |  | SMARTDRW |
| SDR |  | SmartDraw Drawing file |
| 53 6D 62 6C |  | Smbl |
| SYM |  | (Unconfirmed file type. Likely type is Harvard Graphics Version 2.x graphic symbol or Windows SDK graphic symbol) |
| 56 43 50 43 48 30 |  | VCPCH0 |
| PCH |  | Visual C PreCompiled header file |
| 57 53 32 30 30 30 |  | WS2000 |
| WS2 |  | WordStar for Windows Ver. 2 document |
| [29,152 byte offset] 57 69 6E 5A 69 70 |  | [29,152 byte offset] WinZip |
| ZIP |  | WinZip compressed archive |
| 58 43 50 00 |  | XCP. |
| CAP |  | Cinco NetXRay, Network General Sniffer, and Network Associates Sniffer capture file |
| 58 50 43 4F 4D 0A 54 79 70 65 4C 69 62 |  | XPCOM.Ty peLib |
| XPT |  | XPCOM type libraries for the XPIDL compiler |
| 5B 4D 53 56 43 |  | [MSVC |
| VCW |  | Microsoft Visual C++ Workbench Information File |
| 5B 50 68 6F 6E 65 5D |  | [Phone] |
| DUN |  | Dial-up networking file (unconfirmed) |
| 5B 56 45 52 5D 0D 0A 09 ***or*** |  | [VER]… |
| 5B 76 65 72 5D 0D 0A 09 ***or*** |  | [ver]… |
| SAM |  | AMU Pro document |
| [2 byte offset] 5B 56 65 72 73 69 6F 6E |  | [2 byte offset] [Version |
| CIF |  | (Unknown file type) |
| 5B 57 69 6E 64 6F 77 73 20 4C 61 74 69 6E 20 |  | [Windows Latin |
| CPX |  | Microsoft Code Page Translation file |
| 5F 43 41 53 45 5F |  | \_CASE\_ |
| CAS, CBK |  | EnCase case file (and backup) |
| 60 EA |  | `ê |
| ARJ |  | Compressed archive file |
| 64 00 00 00 |  | d… |
| P10 |  | Intel PROset/Wireless Profile |
| 64 73 77 66 69 6C 65 |  | dswfile |
| DSW |  | Microsoft Visual Studio workspace file |
| [4 byte offset] 6D 6F 6F 76 |  | [4 byte offset] moov |
| MOV |  | QuickTime movie file |
| .MOV files have a complicated file signature.The string “moov” is the most common but I have also seen: 0x66-72-65-65 free 0x6D-64-61-74 mdat 0x77-69-64-65 wide  And the following have been reported to me: 0x70-6E-6F-74 pnot 0x73-6B-69-70 skip  Furthermore, if you look at byte position xxxxxxxx+4 (hex), you will find one (or more!) of these strings repeated; the string “free” **seems** to be the most common. (Thanks to D. Wright for getting me started on this!) | | |
| 72 65 67 66 |  | regf |
| n/a |  | Windows registry hive file |
| 73 72 63 64 6F 63 69 64 3A |  | srcdocid : |
| CAL |  | CALS raster bitmap file |
| 73 7A 65 7A |  | szez |
| PDB |  | PowerBASIC Debugger Symbols file |
| 7B 0D 0A 6F 20 |  | {..o |
| LGC, LGD |  | Windows application log |
| 7B 5C 72 74 66 31 |  | {\rtf1 |
| RTF |  | Rich text format word processing file **Trailer:** 5C 70 61 72 20 7D 7D (\par }}) |
| 7F 45 4C 46 |  | .ELF |
| n/a |  | [Executable and Linking Format executable file (Linux/Unix)](http://www.skyfree.org/linux/references/ELF_Format.pdf) |
| 80 |  | . |
| OBJ |  | Relocatable object code |
| 81 CD AB |  | .Í« |
| WPF |  | WordPerfect text file |
| 89 50 4E 47 0D 0A 1A 0A |  | .PNG…. |
| PNG |  | [Portable Network Graphics file](http://www.libpng.org/pub/png/spec/) |
| 95 00 ***or*** |  | .. |
| 95 01 |  | .. |
| SKR |  | PGP secret keyring file |
| 99 01 |  | .. |
| PKR |  | PGP public keyring file |
| [512 byte offset] A0 46 1D F0 |  | [512 byte offset] F.ð |
| PPT |  | PowerPoint presentation subheader |
| A1 B2 C3 D4 |  | ¡²ÃÔ |
| n/a |  | tcpdump (libpcap) capture file (Linux/Unix) |
| A1 B2 CD 34 |  | ¡²Í4 |
| n/a |  | Extended tcpdump (libpcap) capture file (Linux/Unix) |
| A9 0D 00 00 00 00 00 00 |  | ©……. |
| DAT |  | Access Data FTK evidence file |
| AC 9E BD 8F |  | ¬.½. |
| QDF |  | Quicken data file |
| B5 A2 B0 B3 B3 B0 A5 B5 |  | µ¢°³³°¥µ |
| CAL |  | (Unknown file type…) |
| C5 D0 D3 C6 |  | ÅÐÓÆ |
| EPS |  | Adobe encapsulated PostScript file |
| CD 20 AA AA 02 00 00 00 |  | Í ªª…. |
| n/a |  | Norton Anti-Virus quarantined virus file |
| CF 11 E0 A1 B1 1A E1 00 |  | Ï.à¡±.á. |
| DOC |  | Perfect Office document [Note similarity to MS Office header, below] |
| CF AD 12 FE |  | Ï­.þ |
| DBX |  | Outlook Express e-mail folder |
| D0 CF 11 E0 A1 B1 1A E1 |  | ÐÏ.à¡±.á |
| DOC, DOT, PPS, PPT, XLA, XLS, WIZ |  | Microsoft Office applications (Word, Powerpoint, Excel, Wizard) [See also Word, Powerpoint, and Excel “subheaders” at byte offset 512] |
| DB |  | MSWorks database file |
| MSC |  | Microsoft Common Console Document |
| MSI |  | Microsoft Installer package |
| MTW |  | Minitab data file |
| OPT |  | Developer Studio File Workspace Options file |
| SOU |  | Visual Studio Solution User Options file |
| SPO |  | SPSS output file |
| VSD |  | Visio file |
| WPS |  | MSWorks text document |
| D2 0A 00 00 |  | Ò… |
| FTR |  | GN Nettest WinPharoah filter file |
| D4 2A |  | Ô\* |
| ARL, AUT |  | AOL history (ARL) and typed URL (AUT) files |
| D4 C3 B2 A1 |  | ÔÃ²¡ |
| n/a |  | WinDump (winpcap) capture file (Windows) |
| D7 CD C6 9A |  | ×ÍÆ. |
| WMF |  | Windows graphics metafile |
| DC FE |  | Üþ |
| EFX |  | eFax file format |
| E3 82 85 96 |  | ã… |
| PWL |  | Windows password file |
| E8 ***or*** |  | è |
| E9 ***or*** |  | é |
| EB |  | ë |
| COM, SYS |  | Windows executable file |
| EB 3C 90 2A |  | ë<.\* |
| IMG |  | GEM Raster file |
| [512 byte offset] EC A5 C1 00 |  | [512 byte offset] ì¥Á. |
| DOC |  | Word document subheader |
| ED AB EE DB |  | í”îÛ |
| RPM |  | RedHat Package Manager file |
| [512 byte offset] FD FF FF FF 04 |  | [512 byte offset] ýÿÿÿ. |
| SUO |  | Visual Studio Solution User Options subheader |
| [512 byte offset] FD FF FF FF xx 02 |  | [512 byte offset] ýÿÿÿ.. |
| XLS |  | Excel spreadsheet subheader (where *xx* = 0x10, 0x22, 0x23, 0x28, or 0x29) |
| [512 byte offset] FD FF FF FF 20 00 00 00 03 |  | [512 byte offset] ýÿÿÿ … . |
| OPT |  | Developer Studio File Workspace Options subheader |
| FF |  | ÿ |
| SYS |  | Windows executable (SYS) file |
| FF 00 02 00 04 04 05 54 02 00 |  | ÿ……T .. |
| WKS |  | Works for Windows spreadsheet file |
| FF 46 4F 4E 54 |  | ÿFONT |
| CPI |  | Windows international code page |
| FF 4B 45 59 42 20 20 20 |  | ÿKEYB |
| SYS |  | Keyboard driver file |
| FF 57 50 43 |  | ÿWPC |
| WPD, WPG, WP5 |  | WordPerfect text and graphics file |
| FF D8 FF E0 xx xx 4A 46 49 46 00 |  | ÿØÿà..JF IF. |
| JFIF, JPE, JPEG, JPG |  | [JPEG/JFIF graphics file](http://www.obrador.com/essentialjpeg/HeaderInfo.htm) **Trailer:** FF D9 (..) |
| FF D8 FF E1 xx xx 45 78 69 66 00 |  | ÿØÿá..Ex if. |
| JPG |  | Digital camera JPG using [Exchangeable Image File Format (EXIF)](http://www.exif.org/) **Trailer:** FF D9 (..) See [“Using Extended File Information (EXIF) File Headers in Digital Evidence Analysis”](http://www.utica.edu/academic/institutes/ecii/publications/articles/A0B1F944-FF4E-4788-E75541A7418DAE24.pdf) (P. Alvarez, *IJDE*, *2*(3), Winter 2004) |
| FF Ex |  | ÿ. |
| FF Fx |  | ÿ. |
| MPEG, MPG, MP3 |  | MPEG audio file frame [synch pattern](http://www.mp3-tech.org/programmer/frame_header.html) |
| FF FE |  | ÿþ |
| REG |  | Windows Registry file |
| FF FE 23 00 6C 00 69 00 6E 00 65 00 20 00 31 00 |  | ÿþ#.l.i. n.e. .1. |
| MOF |  | Windows MSinfo file |
| FF FF FF FF |  | ÿÿÿÿ |
| SYS |  | DOS system driver |

and the list is still growing. see [here](http://www.garykessler.net/library/file_sigs.html) for the most updated version.

[link](http://www.garykessler.net/library/file_sigs.html)