Hex signature	ISO 8859-1	Offset	Extension	Description
`00`	NUL	0	PIC PIF SEA YTR	IBM Storyboard bitmap file Windows Program Information File Mac Stuffit Self-Extracting Archive IRIS OCR data file

`00 00 00 0C`
`4A 58 4C 20`
`0D 0A 87 0A`
	NUL NUL NUL FF JXL SP CR LF ‡ LF	0	jxl	Image encoded in the JPEG XL format[90]

`00 00 00 3C`
`00 00 00 3F`
 	
`00 00 00 78`
`00 00 00 6D`
 	
`00 00 00 6C`
`00 00 00 20`
	NUL NUL NUL < NUL NUL NUL ?
	
	NUL NUL NUL x NUL NUL NUL m
	
	NUL NUL NUL l NUL NUL NUL SP
		0
		after BOM
			xml
			(UTF-32BE)
				eXtensible Markup Language[29][65]

`00 00 01 00`	NUL NUL SOH NUL	0	ico	Computer icon encoded in ICO file format[8]
`00 00 01 B3`	NUL NUL SOH ³	0	mpg mpeg	MPEG-1 video and MPEG-2 video (MPEG-1 Part 2 and MPEG-2 Part 2)
`00 00 01 BA`	NUL NUL SOH º	0	m2p vob	MPEG Program Stream (MPEG-1 Part 1 (essentially identical) and MPEG-2 Part 1)

			mpg mpeg	

`00 00 1A 00`
`00 10 04 00`
`00 00 00 00`
	NUL NUL SUB NUL NUL LF EOT NUL NUL NUL NUL NUL	0	wk3	Lotus 1-2-3 spreadsheet (v3) file

`00 00 1A 00`
`02 10 04 00`
`00 00 00 00`
	NUL NUL SUB NUL STX LF EOT NUL NUL NUL NUL NUL	0	wk4
			
			wk5
				Lotus 1-2-3 spreadsheet (v4, v5) file

`00 00 1A 00` `05 10 04`	NUL NUL SUB NUL ENQ LF EOT	0	123	Lotus 1-2-3 spreadsheet (v9) file

`00 00 02 00`
`06 04 06 00`
`08 00 00 00`
`00 00`
	NUL NUL STX NUL ACK EOT ACK NUL BS NUL NUL NUL NUL NUL	0	wk1	Lotus 1-2-3 spreadsheet (v1) file

`00 00 03 F3`	NUL NUL ETX ó	0		Amiga Hunk executable file

`00 00 49 49`
`58 50 52`
([little-endian](#))
 	
`00 00 4D 4D`
`58 50 52`
([big-endian](#))
	NUL NUL I I X P R
	
	NUL NUL M M X P R
		0	qxd	Quark Express document

`00 00 FE FF`	NUL NUL þ ÿ	0	txt *others*	[UTF-32BE](#) byte order mark for text[28][30]
`00 01 00 00`	NUL SOH NUL NUL	0		Palm Desktop Data File ([Access](#) format)

00 01 00 00 00	␀␁␀␀␀	0	ttf tte dfont	TrueType font
00 01 00 00 4D 53 49 53 41 4D 20 44 61 74 61 62 61 73 65	␀␁␀␀MSISAM Database	0	mny	Microsoft Money file
00 01 00 00 53 74 61 6E 64 61 72 64 20 4A 65 74 20 44 42	␀␁␀␀Standard Jet DB	0	mdb	Microsoft Access Database
00 01 00 00 53 74 61 6E 64 61 72 64 20 41 43 45 20 44 42	␀␁␀␀Standard ACE DB	0	accdb	Microsoft Access 2007 Database
00 01 42 44	␀␁BD	0	DBA	Palm Desktop To Do Archive
00 01 44 54	␀␁DT	0	TDA	Palm Desktop Calendar Archive
00 3C 00 3F 00 78 00 6D 00 6C 00 20	␀<␀?␀x␀m␀l␀	0 after BOM	xml (UTF-16BE)	eXtensible Markup Language[29][65]
00 61 73 6D	␀asm	0	wasm	WebAssembly binary format[66]

00 00 00 0C 6A 50 20 20 0D 0A 87 0A	ᴺᵤᴸᴺᵤᴸᴺᵤᴸᶠᶠjPˢᴾˢᴾᶜᴿᴸᶠ‡ᴸᶠ	0	jp2 j2k jpf jpm jpg2 j2c jpc jpx mj2	JPEG 2000 format[18]
FF 4F FF 51	ÿOÿQ	0	jp2 j2k jpf jpm jpg2 j2c jpc jpx mj2	JPEG 2000 format[18]
04 22 4D 18	ᴱₒₜ"Mᶜᴬₙ	0	lz4	LZ4 Frame Format[61] Remark: LZ4 block format does not offer any magic bytes.[62]

05 07 00 00 42 4F 42 4F 05 07 00 00 00 00 00 00 00 00 00 00 00 01	E_Q B_E N_U N_U BOBO E_Q B_E N_U N_U N_U N_U N_U N_U N_U N_U N_U N_U N_U N_U N_U S_O_H	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	A_C_K B_E L á N_U BOBO A_C_K B_E L á N_U N_U N_U N_U N_U N_U N_U N_U N_U N_U N_U S_O_H	0	cwk	AppleWorks 6 document
0A 0D 0D 0A	L_F C_R C_R L_F	0	pcapng	PCAP Next Generation Dump File Format[3]
0A 16 6F 72 67 2E 62 69 74 63 6F 69 6E 2E 70 72	L_F S_Y_N org.bitcoin.pr	0	wallet	MultiBit Bitcoin wallet file
0D 44 4F 43	C_R DOC	0	doc	DeskMate Document file
0D F0 1D C0	C_R ð � À	0	cdb	MikroTik WinBox Connection Database (Address Book)
0E 4E 65 72 6F 49 53 4F	S_O NeroISO	0	nri	Nero CD Compilation
0E 57 4B 53	S_O WKS	0	wks	DeskMate Worksheet

0E FE FF	ˢₒþÿ	0	txt *others*	[SCSU](#) byte order mark for text[31][30]
0F 53 49 42 45 4C 49 55 53	ˢᵢSIBELIUS	0	sib	Sibelius Music - Score file
01 FF 02 04 03 02	ˢₒₕÿˢₜₓᴱₒₜₓˢₜₓ	0	drw	Micrografx vector graphic file
1a 08	..	0	arc	ARC archive file
1A 45 DF A3	ˢᵤᵦEß£	0	mkv mka mks mk3d webm	[Matroska](#) media container, including [WebM](#)
1B 4C 75 61	ᴱₛ𝒸Lua	0	luac	[Lua bytecode](#)[73]
1F 8B	ᵘₛ‹	0	gz tar.gz	[GZIP](#) compressed file[60]
1F 9D	ᵘₛ☐	0	z tar.z	compressed file (often [tar](#) zip) using [Lempel-Ziv-Welch](#) algorithm
1F A0	ᵘₛʅ	0	z tar.z	Compressed file (often tar zip) using [LZH](#) algorithm

Hex	ASCII	Offset	Extension	Description
02 00 5a 57 52 54 00 00 00 00 00 00 00 00 00 00	ˢₜᴺᵤ ZWRT ᴺᵤᴺᵤᴺᵤ ...	0	cwk	Claris Works word processing doc
02 64 73 73	ˢₜₓdss	0	dss	Digital Speech Standard (Olympus, Grundig, & Phillips) v2
20 02 01 62 A0 1E AB 07 02 00 00 00	ˢᵖˢₜₓˢ₀ᴴbuʳˢ« ...	0	tde	Tableau Datasource
21 3C 61 72 63 68 3E 0A	!<arch>ᴸᶠ	0	deb	linux deb file
21 42 44 4E	!BDN	0	pst	Microsoft Outlook Personal Storage Table file
23 21	#!	0		Script or data to be passed to the program following the shebang (#!)[1]
23 25 4D 6F 64 75 6C 65	#%Module	0		Modulefile for Environment Modules[92]
24 53 44 49 30 30 30 31	$SDI0001	0		System Deployment Image, a disk image format used by Microsoft
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	%!PS-Adobe-3.0 ESPF-3.0	0	eps epsf	Encapsulated PostScript file version 3.0[34]

`50 53 46 2D` `33 2E 30`				

`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[35]

`25 50 44 46` `2D`	`%PDF-`	0	pdf	PDF document[36]
`27 05 19 56`	`'$^E_{N_Q}{}^E_M$V`	0		U-Boot / uImage. Das U-Boot Universal Boot Loader.[69]
`28 B5 2F FD`	`(µ/ý`	0	zst	Zstandard compress[78][79]

`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 56 41 54 45 20 4B 45 59 2D 2D 2D 2D 2D	-----BEGIN RSA PRIVATE KEY-----	0	key pem	PEM encoded X.509 PKCS#1 RSA private key
2D 6C 68 30 2D	-lh0-	2	lzh	Lempel Ziv Huffman archive file Method 0 (No compression)
2D 6C 68 35 2D	-lh5-	2	lzh	Lempel Ziv Huffman archive file Method 5 (8 KiB sliding window)
2A 2A 41 43 45 2A 2A	**ACE**	7	ace	ACE (compressed file format)[citation needed]

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[31][30]
2D 2D 2D 2D 2D 42 45 47 49 4E 20 4F 50 45 4E 53 53 48 20 50 52 49 56 41 54 45 20 4B 45 59 2D 2D 2D 2D 2D	-----BEGIN OPENSSH PRIVATE KEY-----	0		OpenSSH private key 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
2D 2D 2D 2D 2D 42 45 47 49 4E 20 53 53 48 32 20 4B 45 59 2D 2D 2D 2D 2D	-----BEGIN SSH2 PUBLIC KEY-----	0	pub	OpenSSH public key file
2D 3D 3D 2D 2D 3D 3D 2D	-=============-	0	utoc	Unreal Engine Table of Contents file

2D 3D 3D 2D 2D 3D 3D 2D				
2E 73 6E 64	.snd	0	au snd	Au audio file format
2F 2A 20 58 50 4D 20 2A 2F	/* XPM */	0	xpm	X PixMap
03 00 00 00 41 50 50 52	$^ɛ_Tx^{Nu}_L{}^{Nu}_L{}^{Nu}_L$APPR	0	adx	Approach index file
03 64 73 73	^ɛ_Txdss	0	dss	Digital Speech Standard (Olympus, Grundig, & Phillips) v3
30 26 B2 75 8E 66 CF 11 A6 D9 00 AA 00 62 CE 6C	0&²užfÏ$^{Dc}_1$¦Ù$^{Nu}_L$ª$^{Nu}_L$bÎl	0	asf wma wmv	Advanced Systems Format[37]
34 12 AA 55	4$^{Dc}_2$ªU	0	vpk	VPK file, used to store game data for some Source Engine games
37 48 03 02 00 00 00 00 58 35 30 39 4B 45 59	7H$^ɛ_Tx^{Sx}_L{}^{Nu}_L{}^{Nu}_L{}^{Nu}_L$X509KEY	0	kdb	KDB file
37 7A BC AF 27 1C	7z¼⁻'^ɾ_s	0	7z	7-Zip File Format

38 42 50 53	8BPS	0	psd	Photoshop Document file, Adobe Photoshop's native file format
3C 72 6F 62 6C 6F 78 21	<roblox!	0	rbxl	Roblox place file [72]
3F 5F	?_	0	hlp	Windows 3.x/95/98 Help file
3A 29 0A	:)	0	sml	Smile file
3a 42 61 73 65 20	:Base	0	cnt	Windows 3.x - Windows 95 Help Contents
3C 00 00 00 3F 00 00 00 78 00 00 00 6D 00 00 00 6C 00 00 00 20 00 00 00	<? xml l	0 after BOM	xml (UTF-32LE)	eXtensible Markup Language[29][65]
3C 00 3F 00 78 00 6D 00 6C 00 20	<?xml	0 after BOM	xml (UTF-16LE)	eXtensible Markup Language[29][65]
3C 3C 3C 20 4F 72 61 63 6C 65 20 56 4D 20 56 69 72 74 75 61 6C 42 6F 78	<<< Orac le VM Vi rtualBox Disk Im age >>>	0	vdi	VirtualBox Virtual Hard Disk file format

`20 44 69 73 6B 20 49 6D 61 67 65 20 3E 3E 3E`				
`3C 3F 78 6D 6C 20`	`<?xml␦`	0 after BOM	xml (UTF-8 or other 8-bit encodings)	eXtensible Markup Language[29][65]
`41 46 46`	`AFF`	0	aff	Advanced Forensics Format
`41 47 44 33`	`AGD3`	0	fh8	FreeHand 8 document[49][50]
`41 54 26 54 46 4F 52 4D ?? ?? ?? ?? 44 4A 56`	`AT&TFORM????DJV`	0	djvu djv	DjVu document The following byte is either `55` (`U`) for single-page or `4D` (`M`) for multi-page documents.
`42 41 43 4B 4D 49 4B 45 44 49 53 4B`	`BACKMIKEDISK`	0	bac	AmiBack Amiga Backup data file
`42 4C 45 4E 44 45 52`	`BLENDER`	0	blend	Blender File Format[89]
`42 4D`	`BM`	0	bmp dib	BMP file, a bitmap format used mostly in the Windows world
`42 50 47 FB`	`BPGû`	0	bpg	Better Portable Graphics format[16]

42 5A 68	BZh	0	bz2	Compressed file using Bzip2 algorithm
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 ˢᴘ ˢᴘ ˢᴘ	0	crt	Commodore 64 cartridge image
43 57 53	CWS	0	swf	Adobe Flash .swf
43 72 32 34	Cr24	0	crx	Google Chrome extension[47] or packaged app[48]
44 41 41	DAA	0	daa	Direct Access Archive PowerISO
44 43 4D 01 50 41 33 30 50 41 33 30	DCMˢ⁰ₘPA30 PA30	0		Windows Update Binary Delta Compression file[59]
44 52 41 43 4F	DRACO	0	drc	3D model compressed with Google Draco[87]
45 4D 55 33	EMU3	0	ez3 iso	Emulator III synth samples
45 4D 58 32	EMX2	0	ez2	Emulator Emaxsynth samples

45 52 02 00 00 00	ER^{S_{TX}N_{UL}N_{UL}N_{UL}}	0	toast	Roxio Toast disc image file
45 56 46	EVF	0	e01	EnCase EWF version 1 format
45 56 46 32	EVF2	0	Ex01	EnCase EWF version 2 format
46 4C 49 46	FLIF	0	flif	Free Lossless Image Format
46 4C 56	FLV	0	flv	Flash Video file
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 49 46 46	FORM????AIFF	0 any	aiff aif aifc snd iff	Audio Interchange File Format

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 ?? ?? ?? ?? 43 4D 55 53	FORM????CMUS	0 any	cmus mus iff	IFF Musical Score
46 4F 52 4D ?? ?? ?? ?? 46 41 4E 54	FORM????FANT	0 any	iff	Amiga Fantavision Movie
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 ?? ?? ?? ?? 49 4C 42 4D	FORM????ILBM	0 any	ilbm lbm ibm iff	IFF Interleaved Bitmap Image

Hex	ASCII	Offset	Extension	Description
46 4F 52 4D ?? ?? ?? ?? 53 4D 55 53	FORM????SMUS	0 any	smus smu mus iff	IFF Simple Musical Score
46 4F 52 4D ?? ?? ?? ?? 59 55 56 4E	FORM????YUVN	0 any	yuvn yuv iff	IFF YUV Image
46 57 53	FWS	0	swf	Adobe Flash .swf
47	G	0 0xBC 0x178 ... (every 188th byte)	ts tsv tsa mpg mpeg	MPEG Transport Stream (MPEG-2 Part 1)[70]
47 53 52 2D 31 35 34 31	GCR-1541	0	g64	Commodore 64 1541 disk image (G64 format)
47 49 46 38 37 61 47 49 46 38 39 61	GIF87a GIF89a	0	gif	Image file encoded in the Graphics Interchange Format (GIF)[9]

47 52 49 42	GRIB	0	grib grib2	Gridded data (commonly weather observations or forecasts) in the WMO GRIB or GRIB2 format[88]
49 44 33	ID3	0	mp3	MP3 file with an ID3v2 container
49 49 2A 00 (little-endian)	II*$^{N_U}{}_L$	0	tif tiff	Tagged Image File Format (TIFF)[10]
49 49 2A 00 10 00 00 00 43 52	II*$^{N_U}{}_L{}^{D_L}{}_E{}^{N_U}{}_L{}^{N_U}{}_L$CR	0	cr2	Canon RAW Format Version 2[12] Canon's RAW format is based on TIFF.[13]
66 74 79 70 63 72 78 43 52	ftypcrx	0	cr3	
49 4E 44 58	INDX	0	idx	AmiBack Amiga Backup index file
49 53 63 28	ISc(	0	cab	InstallShield CAB Archive File
49 54 53 46 03 00 00 00 60 00 00 00	ITSF$^{E_T}{}_X{}^{N_U}{}_L{}^{N_U}{}_L{}^{N_U}{}_L$ `$^{N_U}{}_L{}^{N_U}{}_L$	0	chm	MS Windows HtmlHelp Data
49 73 5A 21	IsZ!	0	isz	Compressed ISO image
4E 45 53	NES	0	nes	Nintendo Entertainment System image file

4A 6F 79 21	Joy!	0		Preferred Executable Format
4B 43 4D 53	KCMS	0	icm	ICC profile
4B 44 4D	KDM	0	vmdk	VMDK files[45][46]
4B 50 4B 41	KPKA	0	pak	Capcom RE Engine game data archives
4B 57 41 4A	KWAJ	0	??_	Windows 3.1x Compressed File
4C 5A 49 50	LZIP	0	lz	lzip compressed file[20]
4C 66 4C 65	LfLe	0	evt	Windows Event Viewer file format
4C 6F A7 94 93 40	Lo§""@	0 after BOM	xml (EBCDIC)	eXtensible Markup Language[29][65]
4C 50 4B 53 48 48 52 48	LPKSHHRH	0	journal	journald log file[98]
4D 3C B2 A1 (little-endian)	M<²¡	0	pcap	Libpcap File Format (nanosecond-resolution)[2]
4D 49 4C 20	MIL˅ₚ	0	stg	"SEAN : Session Analysis" Training file. Also used in compatible software "Rpw : Rowperfect for Windows" and "RP3W : ROWPERFECT3 for Windows".
4D 4C 56 49	MLVI	0	MLV	Magic Lantern Video file[58]

4D 4D 00 2A (big-endian)	MM^{Nul}*	0	tif tiff	Tagged Image File Format (TIFF)[10]
4D 4D 00 2B (big-endian)	MM^{Nul}+	0	tif tiff	BigTIFF[11]
4D 53 43 46	MSCF	0	cab	Microsoft Cabinet file
4D 53 57 49 4D 00 00 00 D0 00 00 00 00	MSWIM^{NulNulNul}Ð^{NulNulNulNul}	0	wim swm esd	Windows Imaging Format file
4D 54 68 64	MThd	0	mid midi	MIDI sound file[43]
4D 5A	MZ	0	exe dll mui sys scr cpl ocx ax iec ime	DOS MZ executable and its descendants (including NE and PE)

			rs	
			tsp	
			fon	
			efi	
`4D 53 48 7C` `42 53 48 7C`	MSH| BSH|	0	hl7	Health Level Seven (HL7) Standard for electronic data exchange [1]
`4E 45 53 1A`	NES⁵ᵘₐ	0	nes	Nintendo Entertainment System ROM file[55]
`4E 55 52 55 49 4D 47` `4E 55 52 55 50 41 4C`	NURUIMG NURUPAL	0	nui nup	nuru ASCII/ANSI image and palette files[15]
`4F 41 52 ??`	OAR?	0	oar	OAR file archive format, where ?? is the format version.
`4F 52 43`	ORC	0	orc	Apache ORC (Optimized Row Columnar) file format
`4F 54 54 4F`	OTTO	0	otf	OpenType font[91]
`4F 62 6A 01`	Obj⁵ᵘₐ	0	avro	Apache Avro binary file format
`4F 67 67 53`	OggS	0	ogg oga ogv	Ogg, an open source media container format

50 31 0A	P1␊	0	pbm	Portable bitmap ASCII
50 34 0A	P4␊	0	pbm	Portable bitmap binary
50 32 0A	P2␊	0	pgm	Portable Gray Map ASCII
50 35 0A	P5␊	0	pgm	Portable Gray Map binary
50 33 0A	P3␊	0	ppm	Portable Pixmap ASCII
50 36 0A	P6␊	0	ppm	Portable Pixmap binary
50 41 52 31	PAR1	0		Apache Parquet columnar file format
50 4B 03 04 50 4B 05 06 (empty archive) 50 4B 07 08 (spanned archive)	PK␄␃␇␄ PK␅␆ PK␇␈	0	zip aar apk docx epub ipa jar kmz maff msix odp ods	zip file format and formats based on it, such as EPUB, JAR, ODF, OOXML

			odt	
			pk3	
			pk4	
			pptx	
			usdz	
			vsdx	
			xlsx	
			xpi	
			whl	
`50 4D 43 43`	`PMCC`	0	grp	Windows 3.x Program Manager Program Group file format
`50 4D 4F 43` `43 4D 4F 43`	`PMOCCMOC`	0	dat	Windows Files And Settings Transfer Repository[52] See also USMT 3.0 (Win XP)[53] and USMT 4.0 (Win 7)[54] User Guides

`50 75 54 54`
`59 2D 55 73`
`65 72 2D 4B`
`65 79 2D 46`
`69 6C 65 2D`
`32 3A`
	`PuTTY-User-Key-File-2:`	0	ppk	PuTTY private key file version 2

`50 75 54 54`
`59 2D 55 73`
`65 72 2D 4B`
`65 79 2D 46`
	`PuTTY-User-Key-File-3:`	0	ppk	PuTTY private key file version 3

69 6C 65 2D 33 3A				
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 ?? ?? ?? ?? 41 56 49 20	RIFF????AVI˒	0	avi	Audio Video Interleave video format[39]
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 46 ?? ?? ?? ?? 57 41 56 45	RIFF????WAVE	0	wav	Waveform Audio File Format[38]
52 49 46 46 ?? ?? ?? ?? 57 45 42 50	RIFF????WEBP	0	webp	Google WebP image file, where ?? ?? ?? ?? is the file size. More information on WebP File Header
52 49 46 58 ?? ?? ?? ??	RIFX????FGDM	0	dcr	Adobe Shockwave[82][83][84]

`46 47 44 4D` (big-endian)				

`52 49 46 58`
`?? ?? ?? ??`
`4D 56 39 33`
(big-endian)
	`RIFX????MV93`	0	dir
			
			dxr
			
			drx
				Macromedia Director file format[85][83][84]

`52 4E 43 01`
 	
`52 4E 43 02`
	RNC$^{S_0}_H$
	
	RNC$^{S_T}_X$
		0		Compressed file using Rob Northen Compression (version 1 and 2) algorithm[14]

`52 53 56 4B` `44 41 54 41`	`RSVKDATA`	0	rs	QuickZip rs compressed archive[80][81]
`52 61 72 21` `1A 07 00`	Rar!$^{S_U{}^B{}_E{}^N_L{}_L}$	0	rar	Roshal ARchive compressed archive v1.50 onwards[23]
`52 61 72 21` `1A 07 01 00`	Rar!$^{S_U{}^B{}_E{}^S_L{}^O_H{}^N_L}$	0	rar	Roshal ARchive compressed archive v5.00 onwards[24]

`52 65 63 65`
`69 76 65 64`
`3A`
	`Received:`	0	eml	Email Message var5[citation needed]

`53 44 50 58` (big-endian format)	`SDPX`	0	dpx	SMPTE DPX image
`53 45 51 36`	`SEQ6`	0	rc	RCFile columnar file format

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 20 54	SIMPLE$_{Sp}$$_{Sp}$ =$_{Sp}$$_{Sp}$$_{Sp}$$_{Sp}$$_{Sp}$$_{Sp}$$_{Sp}$ $_{Sp}$$_{Sp}$$_{Sp}$$_{Sp}$$_{Sp}$$_{Sp}$$_{Sp}$$_{Sp}$ $_{Sp}$$_{Sp}$$_{Sp}$$_{Sp}$$_{Sp}$T	0	fits	Flexible Image Transport System (FITS)[41]
53 50 30 31	SP01	0	bin	Amazon Kindle Update Package[6]
53 51 4C 69 74 65 20 66 6F 72 6D 61 74 20 33 00	SQLite format 3^{N}$_{U}$$_{L}$	0	sqlitedb sqlite db	SQLite Database[5]
53 5A 44 44	SZDD	0	??_	Windows 9x Compressed File
53 5A 44 44 88 F0 27 33	SZDDˆð'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_'.
54 41 50 45	TAPE	0		Microsoft Tape Format
54 44 45 46	TDEF	0	TDEF	Telegram Desktop Encrypted File

`54 44 46 24`	`TDF$`	0	TDF$	Telegram Desktop File
`55 55 AA AA`	`UUªª`	0	pcv	PhotoCap Vector

`58 46 49 52`
`?? ?? ?? ??`
 	
`33 39 56 4D`
(little-endian)
	`XFIR????39VM`	0	dir
			
			dxr
			
			drx
				Macromedia Director file format[85][83][84]

`58 46 49 52`
`?? ?? ?? ??`
 	
`4D 44 47 46`
(little-endian)
	`XFIR????MDGF`	0	dcr	Adobe Shockwave[82][83][84]

`58 50 44 53` (little-endian format)	`XPDS`	0	dpx	SMPTE DPX image
`5A 4D`	`ZM`	0	exe	DOS ZM executable and its descendants (rare)
`5A 4F 4F`	`ZOO`	0	zoo	Zoo (file 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[75][76]

`06 0E 2B 34`
`02 05 01 01`
`0D 01 02 01`
`01 02`
	`·····+4·······················`	0-65535 (run-in)	mxf	Material Exchange Format file

06 06 ED F5 D8 1D 46 E5 BD 31 EF E7 FE 74 B7 1D	˄ᴄ˄ᴋíõØˢFå½líçþt·ˢ	0	indd	Adobe InDesign document
60 EA	`ê	0	arj	ARJ
62 6F 6F 6B 00 00 00 00 6D 61 72 6B 00 00 00 00	bookᴺᵁᴺᵁᴺᵁᴺᵁmarkᴺᵁᴺᵁᴺᵁᴺᵁ	0	alias	macOS file Alias[74] (Symbolic link)
62 76 78 32	bvx2	0	lzfse	LZFSE - Lempel-Ziv style data compression algorithm using Finite State Entropy coding. OSS by Apple.[71]
62 70 6C 69 73 74	bplist	0	plist	Binary Property List file
63 6F 6E 65 63 74 69 78	conectix	0	vhd	Windows Virtual PC Virtual Hard Disk file format[86]
64 65 78 0A 30 33 35 00	dexᴸꜰ035ᴺᵁ	0	dex	Dalvik Executable
65 87 78 56	e‡xV	0	p25 obt	PhotoCap Object Templates
66 4C 61 43	fLaC	0	flac	Free Lossless Audio Codec[42]

67 69 6D 70 20 78 63 66	gimp xcf	0	xcf	XCF (file format)
69 63 6e 73	icns	0	icns	Apple Icon Image format
6D 61 69 6E 2E 62 73	main.bs	0	mgw	Nintendo Game & Watch image file
6D 64 66 00	mdf...	0	m	M2 Archive, used by game developer M2
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.
07 53 4B 46	..SKF	0	skf	SkinCrafter skin file
07 64 74 32 64 64 74 64	..dt2ddtd	0	dtd	DesignTools 2D Design file
72 65 67 66	regf	0	dat hiv	Windows Registry file
73 64 62 66	sdbf	8	sdb	Windows customized database
74 6F 78 33	tox3	0	tox	Open source portable voxel file[57]
76 2F 31 01	v/1...	0	exr	OpenEXR image

76 68 64 78 66 69 6C 65	vhdxfile	0	vhdx	Windows Virtual PC Windows 8 Virtual Hard Disk file format
77 4F 46 32	wOF2	0	woff2	WOFF File Format 2.0[64]
77 4F 46 46	wOFF	0	woff	WOFF File Format 1.0[63]
78 01	x�textSOH	0	zlib	No Compression (no preset dictionary)
78 20	x⁵ₚ	0	zlib	No Compression (with preset dictionary)
78 56 34	xV4	0	pbt pdt pea peb pet pgt pict pjt pkt pmt	PhotoCap Template
78 5E	x^	0	zlib	Best speed (no preset dictionary)
78 61 72 21	xar!	0	xar	eXtensible ARchive format[51]

Hex	ASCII	Offset	Extension	Description
78 7D	x}	0	zlib	Best speed (with preset dictionary)
78 9C	xœ	0	zlib	Default Compression (no preset dictionary)
78 BB	x»	0	zlib	Default Compression (with preset dictionary)
78 DA	xÚ	0	zlib	Best Compression (no preset dictionary)
78 F9	xù	0	zlib	Best Compression (with preset dictionary)
7B 5C 72 74 66 31	{\rtf1	0	rtf	Rich Text Format
7F 45 4C 46	ᴅᴇₗELF	0	none, .axf, .bin, .elf, .o, .out, .prx, .puff, .ko, .mod, .so	Executable and Linkable Format[25]
80 2A 5F D7	€*_×	0	cin	Kodak Cineon image
85 ?? ?? 03	…??ᴇTₓ	0	pgp	PGP file [77]
89 50 4E 47 0D 0A 1A 0A	‰PNGᶜ_ʀ ᴸ_ꜰ Sᵁ_ʙ ᴸ_ꜰ	0	png	Image encoded in the Portable Network Graphics format[26]
0E 03 13 01	ᴱN_Q ᴱT_X ᴰC_3 S_O_H	0	hdf4 h4	Data stored in version 4 of the Hierarchical Data Format.

89 48 44 46 0D 0A 1A 0A	‰HDF^{CR LF SUB LF}	0, 512, 1024, 2048, ...	hdf5 h5	Data stored in version 5 of the Hierarchical Data Format.
8B 45 52 02 00 00 00	‹ ER^{STX NUL NUL NUL}	0	toast	Roxio Toast disc image file
8C 0A 00	Œ..	0	ucas	Unreal Engine Compressed Asset Storage file
21 2D 31 53 4C 4F 42 1F	!-1SLOB^{US}	0	slob	Slob (sorted list of Object storages) is a read-only, compressed data store with dictionary-like interface[93]
23 3F 52 41 44 49 41 4E 43 45 0A	#?RADIANCE^{LF}	0	hdr	Radiance High Dynamic Range image 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 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)
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‗	0	sil	Audio compression format developed by Skype
23 40 7E 5E	#@~^	0	vbe	VBScript Encoded script
23 45 58 54 4D 33 55	#EXTM3U	0	m3u m3u8	Multimedia playlist
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[21]
31 30 4C 46	10LF	0	flm	FL Studio Mobile Project File
41 52 43	ARC	0	arc	Capcom MT Framework game data archives
41 53 54 4d 2d 45 35 37	ASTM-E57	0	e57	ASTM E57 3D file format
41 72 43	ArC	0	arc cdx	FreeArc file
42 53 44 49 46 46 34 30	BSDIFF40	0		bsdiff binary patch

43 36 34 46 69 6C 65 00	C64File	0	P00 (P01, P02,...)	Commodore 64 binary file (source: *.P00 format for Power64 emulator)
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
44 55 43 4B	DUCK	8		DuckDB database file (source: Source code)
45 6C 66 46 69 6C 65	ElfFile	0	evtx	Windows Event Viewer XML file format
46 4C 68 64	FLhd	0	flp	FL Studio Project File
48 5a 4c 52 00 00 00 18	HZLR	0	hazelrules	Noodlesoft Hazel [96]
49 49 2B 00 (little-endian)	II+⁴ᵥ	0	tif tiff	BigTIFF[11]
49 57 41 44	IWAD	0	wad	internal WAD (main resource file of Doom)[7]
50 57 53 33	PWS3	0	psafe3	Password Gorilla Password Database

52 4b 4d 43 32 31 30	RKMC210	0		Vormetric Encryption DPM Version 2.1 Header[97]
52 41 46 36 34	RAF64	0		Report Builder file from Digital Metaphors
52 49 46 46 ?? ?? ?? ?? 52 4d 4d 50	RIFF????RMMP	0	mmm	MacroMind Multimedia Movie or Microsoft Multimedia Movie
52 49 46 46 ?? ?? ?? ?? 56 44 52 4d	RIFF????VDRM	0	vdr	VirtualDub
52 49 46 46 ?? ?? ?? ?? 73 68 62 35	RIFF????shb5	0	shb	Corel SHOW! 5.0 background
52 49 46 46 ?? ?? ?? ?? 73 68 72 35	RIFF????shr5	0	shr	Corel SHOW! 5.0 player
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	Corel SHOW! 5.0
52 59 46 46 ?? ?? ?? ?? 54 52 49 44	RIFF????TRID	0	trd	TrID

53 4D 53 4E 46 32 30 30	SMSNF200	0	ssp	SmartSniff Packets File [22]
56 49 53 33	VIS3	0		Resource file Visionaire 3.x Engine
62 6F 6F 6B	book	0		macOS bookmark format
70 77 72 64 61 74 61	pwrdata	0	pwrdata	SAP Power Monitor (version 1.1.0 and higher) data file
71 6f 69 66	qoif	0	qoi	QOI - The "Quite OK Image Format"[19]
A0 32 41 A0 A0 A0	2A	0x165A4	d64	Commodore 64 1541 disk image (D64 format)
A0 33 44 A0 A0	3D	0x61819	d81	Commodore 64 1581 disk image (D81 format)
A1 B2 3C 4D (big-endian)	¡²<M	0	pcap	Libpcap File Format (nanosecond-resolution)[2]
A1 B2 C3 D4 (big-endian)	¡²ÃÔ	0	pcap	Libpcap File Format[2]
aa aa aa aa	ªªªª	0	sys	Crowdstrike Channel File
AC ED	¬í	0		Serialized Java Data[94]
BE BA FE CA	¾ºþÊ	0	DBA	Palm Desktop Calendar Archive

C0 3B 39 98	À;9~	0		Linux EXT3/EXT4 jbd2 filesystem Journal[68]
C9	É	0	com	CP/M 3 and higher with overlays[27]
CA FE BA BE	Êþº¾	0	class	Java class file, Mach-O Fat Binary
CE FA ED FE	Îúíþ	0		Mach-O binary (reverse byte ordering scheme, 32-bit)[33]
CF 84 01	Ï„ˢₒ	0	lep	Lepton compressed JPEG image[67]
CF FA ED FE	Ïúíþ	0		Mach-O binary (reverse byte ordering scheme, 64-bit)[33]
D0 4F 50 53	ÐOPS	0	pl	Interleaf PrinterLeaf / WorldView document format (now Broadvision QuickSilver)
D0 CF 11 E0 A1 B1 1A E1	ÐÏ⁰ᴄ₁à¡±ˢᵤ₈á	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.[44] It can be used by other programs as well that rely on the COM and OLE API's.
D4 C3 B2 A1 (little-endian)	ÔÃ²¡	0	pcap	Libpcap File Format[2]
D7 CD C6 9A	×ÍÆš	0	wmf	Windows Metafile

DB 0A CE 00		0		OpenGL Iris Perfomer .PFB (Performer Fast Binary)[95]
DD 73 66 73	Ýsfs	0		UTF-EBCDIC byte order mark for text[31][30]
E0 01 00 EA	ê$^{N_U}_{L}$$^{S_O}_{H}$à	0		Ion (serialization format) binary encoding[99]
ED AB EE DB	í«îÛ	0	rpm	RedHat Package Manager (RPM) package[4]
EF BB BF	ï»¿	0	txt *others*	UTF-8 byte order mark, commonly seen in text files.[28][29][30]
FF D8 FF DB	ÿØÿÛ	0	jpg jpeg	JPEG raw or in the JFIF or Exif file format[17]
FF D8 FF E0 00 10 4A 46 49 46 00 01	ÿØÿà$^{N_U}_{L}$$^{D_L}_{E}$JFIF$^{N_U}_{L}$$^{S_O}_{H}$	0	jpg jpeg	JPEG raw or in the JFIF or Exif file format[17]
FF D8 FF EE	ÿØÿî	0	jpg jpeg	JPEG raw or in the JFIF or Exif file format[17]
FF D8 FF E1 ?? ?? 45 78 69 66 00 00	ÿØÿá??Exif$^{N_U}_{L}$$^{N_U}_{L}$	0	jpg jpeg	JPEG raw or in the JFIF or Exif file format[17]

`FF D8 FF E0`	ÿØÿà	0	jpg	JPEG raw or in the JFIF or Exif file format[17]
`FD 37 7A 58 5A 00`	ý7zXZ"ᵤₗ	0	xz tar.xz	XZ compression utility using LZMA2 compression
`FE ED FA CE`	þíúÎ	0 0x1000		Mach-O binary (32-bit)
`FE ED FA CF`	þíúÏ	0 0x1000		Mach-O binary (64-bit)
`FE ED FE ED`	þíþí	0		JKS Javakey Store[32]
`FE FF`	þÿ	0	txt *others*	UTF-16BE byte order mark, commonly seen in text files.[28][29][30]
`FF 0A`	ÿᴸꜰ	0	jxl	Image encoded in the JPEG XL format[90]

`FF FB`
 	
`FF F3`
 	
`FF F2`
	ÿû
	
	ÿó
	
	ÿò
		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)

`FF FE`	ÿþ	0	txt *others*	UTF-16LE byte order mark, commonly seen in text files.[28][29][30]

Hex	ASCII	Offset	Ext	Description
FF FE 00 00	ÿþ^{NUL}^{NUL}	0	txt *others*	UTF-32LE byte order mark for text[28][30]
66 74 79 70 4D 53 4E 56	ftypMSNV	4	mp4	MPEG-4 video file
66 74 79 70 33 67	ftyp3g	4	3gp 3g2	3rd Generation Partnership Project 3GPP and 3GPP2 multimedia files
66 74 79 70 68 65 69 6366 74 79 70 6d	ftypheic	4	heic	High Efficiency Image Container (HEIC)
66 74 79 70 69 73 6F 6D	ftypisom	4	mp4	ISO Base Media file (MPEG-4)
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	NUL (repeated)	11	PDB	PalmPilot Database/Document File
44 49 43 4D	DICM	128	dcm	DICOM Medical File Format
75 73 74 61 72 00 30 30 75 73 74 61 72 20 20 00	ustar^{NUL}00 ustar^{sp sp NUL}	257	tar	tar archive[56]
43 44 30 30 31	CD001	0x8001	iso	ISO9660 CD/DVD image file[40]

		0x8801 0x9001		
43 44 30 30 31	CD001	0x5EAC9	cdi	CD-i CD image file
6B 6F 6C 79	koly	end–512	dmg	Apple Disk Image file