

Data from "Digital Preservation File Format Policies of ARL Member Libraries: An Analysis"

authors: Kyle Rimkus, Thomas Padilla, Tracy Popp and Greer Martin
University of Illinois at Urbana-Champaign

These data are related to an article that appeared in the March/April 2014 edition of D-Lib Magazine. For a full explanation, please consult the full article.

article doi:10.1045/march2014-rimkus

Contents

sheet	page
All File formats, Ranked by Relative Confidence	2
All File formats, Ranked by Occurrence	10
All File formats, Ranked by Medium Confidence	18
All File formats, Ranked by High Confidence	26
All Application File formats, Ranked by Relative Confidence	34
All Audio File formats, Ranked by Relative Confidence	35
All Computer Program File formats, Ranked by Relative Confidence	36
All Geospatial File formats , Ranked by Relative Confidence	37
All Image File formats, Ranked by Relative Confidence	38
All Presentation File formats, Ranked by Relative Confidence	40
All Spreadsheet/Database File formats, Ranked by Relative Confidence	41
All Text/Document File formats, Ranked by Relative Confidence	43
All Video formats, Ranked by Relative Confidence	45

File Format Name	Abbreviated Name (most often extension)	File Format Type	Appearances in policies expressing medium confidence	Appearances in policies expressing high confidence	Total appearances in policies	Difference (between appearances in functional and bit-level policies)	Relative Confidence (for File Formats in over 10 policies)
Comma Separated Values	CSV	spreadsheet/database	3	19	22	16	73%
Machine Readable Cataloging Record	MARC	document	3	16	19	13	68%
Audio Interchange File Format	AIF, AIFC, AIFF	audio	14	45	59	31	53%
Tagged Image File Format	TIFF, TIF	image	27	88	115	61	53%
Plain text document	TXT, ASC	document	17	52	69	35	51%
Extensible Markup Language	XML	document	16	47	63	31	49%
Portable Document Format/A	PDF/A	document	9	25	34	16	47%
Portable Network Graphics	PNG	image	14	39	53	25	47%
Motion JPEG 2000	MJ2	video	4	10	14	6	43%
Portable Document Format	PDF	document	25	49	74	24	32%
JPEG 2000	JP2	image	23	45	68	22	32%
HyperText Markup Language	HTML, HTM	document	18	33	51	15	29%
Postscript	PS, EPS, AI	document	11	19	30	8	27%
JPEG	JPG, JPEG	image	28	42	70	14	20%
Waveform Audio File Format	WAV	audio	33	47	80	14	18%
Graphics Interchange Format	GIF	image	22	31	53	9	17%
Rich Text Format	RTF	document	18	24	42	6	14%
Ogg Vorbis	OGG	audio	10	10	20	0	0%
AVI	AVI	video	20	20	40	0	0%
Microsoft Word XML	DOCX	document	6	5	11	-1	-9%
OpenDocument Spreadsheet	ODS	spreadsheet/database	6	4	10	-2	-20%
Microsoft Excel XML	XLSX	spreadsheet/database	6	4	10	-2	-20%

MPEG	MPEG, MPG, MPE	video	21	14	35	-7	-20%
MPEG-4 (audio only)	MP4, M4A	audio	26	12	38	-14	-37%
MPEG-2	MP2	video	13	6	19	-7	-37%
Quicktime	MOV, QT	video	47	20	67	-27	-40%
MPEG-4 Part 14 with H.264 Codec	MP4/H.264	video	9	3	12	-6	-50%
MPEG-3	MP3	audio	31	9	40	-22	-55%
MPEG Audio	MPA, ABS, MPEGA	audio	15	4	19	-11	-58%
STATA	DTA	spreadsheet/database	8	2	10	-6	-60%
Advanced Audio Coding	AAC	audio	13	3	16	-10	-63%
Microsoft Word	DOC	document	38	8	46	-30	-65%
Standard Generalized Markup Language	SGML, SGM	document	25	5	30	-20	-67%
MPEG-1	MP1	video	10	2	12	-8	-67%
Microsoft Powerpoint	PPT	presentation	38	6	44	-32	-73%
Windows Media Player Audio	WMA	audio	14	2	16	-12	-75%
Microsoft Excel	XLS	spreadsheet/database	39	5	44	-34	-77%
Flash Video	FLV, F4V	video	13	1	14	-12	-86%
ZIP	ZIP	application	14	1	15	-13	-87%
AU	AU, SND	audio	28	2	30	-26	-87%
Bitmap image file	BMP	image	31	2	33	-29	-88%
Windows Media Video	WMV	video	15	1	16	-14	-88%
TeX DVI	DVI	document	25	1	26	-24	-92%
Microsoft Project	MPP, MPX, MPD	application	20	0	20	-20	-100%
Mathematica	MA	application	21	0	21	-21	-100%
RealAudio	RAM, RA, RM	audio	35	0	35	-35	-100%
LateX	LATEX	document	26	0	26	-26	-100%
TeX	TEX	document	26	0	26	-26	-100%
WordPerfect	WPD	document	26	0	26	-26	-100%
Photo CD	PCD	image	26	0	26	-26	-100%
Adobe Photoshop	PSD, PDD	image	29	0	29	-29	-100%
Filemaker	FM	spreadsheet/database	20	0	20	-20	-100%
Microsoft Visio	VSD	document	21	0	21	-21	-100%
ARC	ARC	application	0	1	1	1	N/A

JAR	JAR	application	0	1	1	1	N/A
PST	PST	application	0	1	1	1	N/A
AutoCad Exchange Format	DFX	application	2	0	2	-2	N/A
OpenOffice.org Extension	OXT	application	2	0	2	-2	N/A
Autocad Internet Files	DWF	application	3	0	3	-3	N/A
TAR	TAR	application	3	0	3	-3	N/A
R Syntax File	R	application	0	4	4	4	N/A
AutoCad	DWG	application	4	0	4	-4	N/A
R Binary File	RDATA	application	4	0	4	-4	N/A
GZIP	GZ, GZIP	application	9	1	10	-9	N/A
Broadcast Wave Format	BWF, BWAV	audio	4	5	9	1	N/A
Compact Disc Digital Audio System	CDDA	audio	1	0	1	-1	N/A
Linear Pulse Code Modulated Audio	LPCM	audio	1	0	1	-1	N/A
Standard MIDI	MIF, MID	audio	1	0	1	-1	N/A
Digital Audio Interface Format	AES3	audio	0	2	2	2	N/A
AIF Compressed	AIFC	audio	3	0	3	-3	N/A
Protected Advanced Audio Encoding	M4P	audio	4	0	4	-4	N/A
Free Lossless Audio Codec	FLAC	audio	5	4	9	-1	N/A
NeXT SND	SND	audio	9	0	9	-9	N/A
C Source Code	C	computer program	0	5	5	5	N/A
C++ Source Code	C++	computer program	0	5	5	5	N/A
Java Source Code	JAVA	computer program	0	5	5	5	N/A
Java Server Pages	JSP	computer program	0	5	5	5	N/A
Hypertext Preprocessor Source Code	PHP	computer program	0	5	5	5	N/A
Perl	PL	computer program	0	5	5	5	N/A
Executable File	EXE	computer program	5	0	5	-5	N/A
BIN File	BIN	computer program	4	0	4	-4	N/A
Java Class File	CLASS	computer program	4	0	4	-4	N/A
Device Driver	DRV	computer program	4	0	4	-4	N/A

Programmed Data Processor Model 10	OVL	computer program	4	0	4	-4	N/A
Program Information File	PIF	computer program	4	0	4	-4	N/A
Real Mode Device Drivers	SYS	computer program	4	0	4	-4	N/A
Command File	COM	computer program	3	0	3	-3	N/A
Dynamic Link Library	DLL	computer program	3	0	3	-3	N/A
Extensible Stylesheet Language	XSL	computer program	0	1	1	1	N/A
StarMail 5 mail file	SDM	document	1	0	1	-1	N/A
StarWriter 5 Document	SDW	document	1	0	1	-1	N/A
StarWriter 5 Global Document	SGL	document	1	0	1	-1	N/A
Writer 6.0 Template	STW	document	1	0	1	-1	N/A
Writer 6.0 Global Document	SXG	document	1	0	1	-1	N/A
Electronic Publication	EPUB	document	0	2	2	2	N/A
PrimeOCR PRO Format	PRO	document	0	2	2	2	N/A
Microsoft Word Macro-Enabled XML	DOCM	document	1	1	2	0	N/A
OpenDocument Master Document	ODM	document	2	0	2	-2	N/A
OpenDocument HTML Template	OTH	document	2	0	2	-2	N/A
OpenDocument document Template	OTT	document	2	0	2	-2	N/A
Machine Readable Cataloging	MDB	document	3	0	3	-3	N/A
Extensible HyperText Markup Language	XHTML	document	1	3	4	2	N/A
Document Type Definition	DTD	document	2	2	4	0	N/A
Web Archive File Format	WARC	document	2	2	4	0	N/A
Fixed Field document Data	DAT, ASC	document	0	6	6	6	N/A
Writer 6.0 Document	SXW	document	4	2	6	-2	N/A

Tab Separated Values	TAB	document	1	6	7	5	N/A
Cascading Style Sheets	CSS	document	6	2	8	-4	N/A
OpenDocument document	ODT	document	5	4	9	-1	N/A
Shape File	SHP	geospatial	6	2	8	-4	N/A
Esri Shapefile	PRJ, SBN, SBX, SHX	geospatial	4	0	4	-4	N/A
TIFF World File	TFW	geospatial	2	0	2	-2	N/A
geoTiff	geoTiff	geospatial	1	0	1	-1	N/A
MapInfo Interchange Format	MIF	geospatial	1	0	1	-1	N/A
Keyhole Mark-up language	KML	geospatial	1	0	1	-1	N/A
DjVu	DJVU, DJV	image	4	0	4	-4	N/A
StarDraw 5 Document	SDA	image	1	0	1	-1	N/A
Draw 6.0 Template	STD	image	1	0	1	-1	N/A
Draw 6.0 Document	SXD	image	1	0	1	-1	N/A
Google WebP	WEBP	image	0	2	2	2	N/A
OpenDocument Drawing	ODG	image	2	0	2	-2	N/A
OpenDocument Image	ODI	image	2	0	2	-2	N/A
OpenDocument Drawing Template	OTG	image	2	0	2	-2	N/A
X3D	X3D	image	0	3	3	3	N/A
Universal 3D	U3D	image	2	2	4	0	N/A
Virtual Reality Modeling Language	VRML, WRL	image	2	2	4	0	N/A
FlashPix	FPX	image	4	0	4	-4	N/A
RAW	RAW*	image	3	2	5	-1	N/A
Computer Graphic Metafile	CGM	image	3	2	5	-1	N/A
JPEG 2000 Part 2	JPF, JPX	image	4	1	5	-3	N/A
Javascript Source Code	JS	computer program	1	5	6	4	N/A
Digital Negative	DNG	image	3	3	6	0	N/A
JFIF File Interchange Format	JFIF, JPEG	image	3	3	6	0	N/A

Macromedia Flash	SWF	image	6	0	6	-6	N/A
Encapsulated Postscript	EPS	image	6	2	8	-4	N/A
Scalable Vector Graphics	SVG	image	2	7	9	5	N/A
MrSID	SID	image	9	0	9	-9	N/A
StarImpress 5 Presentation	SDD	presentation	1	0	1	-1	N/A
StarImpress Packed 5 file	SDP	presentation	1	0	1	-1	N/A
Impress 6.0 Template	STI	presentation	1	0	1	-1	N/A
Microsoft Powerpoint Macro-Enabled XML	PPTM	presentation	1	1	2	0	N/A
OpenDocument Chart	ODC	presentation	2	0	2	-2	N/A
OpenDocument Presentation Template	OTP	presentation	2	0	2	-2	N/A
Impress 6.0 Presentation	SXI	presentation	3	2	5	-1	N/A
OpenDocument Presentation	ODP	presentation	5	3	8	-2	N/A
Microsoft Powerpoint XML	PPTX	presentation	5	3	8	-2	N/A
JCAMP	JCAMP	spreadsheet/database	1	0	1	-1	N/A
StarCalc 5 Document	SDC	spreadsheet/database	1	0	1	-1	N/A
StarChart 5 Document	SDS	spreadsheet/database	1	0	1	-1	N/A
StarMath 5 Document	SMF	spreadsheet/database	1	0	1	-1	N/A
Calc 6.0 Template	STC	spreadsheet/database	1	0	1	-1	N/A
Math 6.0 Document	SXM	spreadsheet/database	1	0	1	-1	N/A
Microsoft Excel Marco-Enabled XML	XLSM	spreadsheet/database	1	0	1	-1	N/A
RDF	rdf	spreadsheet/database	1	1	2	0	N/A
OpenDocument Database	ODB	spreadsheet/database	2	0	2	-2	N/A
OpenDocument Spreadsheet Template	OTS	spreadsheet/database	2	0	2	-2	N/A

SQL Data Definition Language	DDL	spreadsheet/database	0	3	3	3	N/A
Stata Syntax File	DO	spreadsheet/database	0	4	4	4	N/A
SPSS Syntax File	SPS	spreadsheet/database	0	4	4	4	N/A
SAS System File	SD1, SAS7BDAT, SD2, SD7, SSD01, SS, SSD04	spreadsheet/database	4	0	4	-4	N/A
SAS Transport File	XPT, CPORT, V5X, V6X, V7X	spreadsheet/database	4	0	4	-4	N/A
SAS	SAS	spreadsheet/database	0	5	5	5	N/A
Calc 6.0 Spreadsheet	SXC	spreadsheet/database	3	2	5	-1	N/A
SPSS	SAV	spreadsheet/database	4	1	5	-3	N/A
Stata Portable File	POR	spreadsheet/database	5	0	5	-5	N/A
OpenDocument Formula	ODF	spreadsheet/database	3	3	6	0	N/A
Database File Extension	DBF	spreadsheet/database	4	3	7	-1	N/A
Microsoft Access	MDB	spreadsheet/database	5	2	7	-3	N/A
FFV1/LPCM in MKV	FFV1/LPCM in MKV	video	0	1	1	1	N/A
MPEG-7	MP7	video	0	1	1	1	N/A
HDV	HDV	video	1	0	1	-1	N/A
OGV	OGV	video	1	0	1	-1	N/A
Digital Video File	DV	video	2	1	3	-1	N/A
Real Networks	RV	video	6	0	6	-6	N/A

<p>* "Camera RAW" comprises numerous file extensions that differ from one camera manufacturer to the next; a partial list would include: ARI, ARW, BAY, CRW, CR2, CAP, DCS, DCR, DNG, DRF, EIP, ERF, FFF, IIQ, K25, KDC, MEF, MOS, MRW, NEF, NRW, OBM, ORF, PEF, PTX, PXN, R3D, RAF, RAW, RWL, RW2, RWZ, SR2, SRF, SRW, X3F</p>							
---	--	--	--	--	--	--	--

File Format Name	Abbreviated Name (most often extension)	File Format Type	Appearances in policies expressing medium confidence	Appearances in policies expressing high confidence	Total appearances in policies	Difference (between appearances in functional and bit-level policies)	Relative Confidence (for File Formats in over 10 policies)
Tagged Image File Format	TIFF, TIF	image	27	88	115	61	53%
Waveform Audio File Format	WAV	audio	33	47	80	14	18%
Portable Document Format	PDF	document	25	49	74	24	32%
JPEG	JPG, JPEG	image	28	42	70	14	20%
Plain text document	TXT, ASC	document	17	52	69	35	51%
JPEG 2000	JP2	image	23	45	68	22	32%
Quicktime	MOV, QT	video	47	20	67	-27	-40%
Extensible Markup Language	XML	document	16	47	63	31	49%
Audio Interchange File Format	AIF, AIFC, AIFF	audio	14	45	59	31	53%
Portable Network Graphics	PNG	image	14	39	53	25	47%
Graphics Interchange Format	GIF	image	22	31	53	9	17%
HyperText Markup Language	HTML, HTM	document	18	33	51	15	29%
Microsoft Word	DOC	document	38	8	46	-30	-65%
Microsoft Powerpoint	PPT	presentation	38	6	44	-32	-73%
Microsoft Excel	XLS	spreadsheet/database	39	5	44	-34	-77%
Rich Text Format	RTF	document	18	24	42	6	14%
AVI	AVI	video	20	20	40	0	0%
MPEG-3	MP3	audio	31	9	40	-22	-55%
MPEG	MPEG, MPG, MPE	video	21	14	35	-7	-20%
MPEG-4 (audio only)	MP4, M4A	audio	26	12	38	-14	-37%
RealAudio	RAM, RA, RM	audio	35	0	35	-35	-100%
Portable Document Format/A	PDF/A	document	9	25	34	16	47%
Bitmap image file	BMP	image	31	2	33	-29	-88%
Postscript	PS, EPS, AI	document	11	19	30	8	27%

Standard Generalized Markup Language	SGML, SGM	document	25	5	30	-20	-67%
AU	AU, SND	audio	28	2	30	-26	-87%
Adobe Photoshop	PSD, PDD	image	29	0	29	-29	-100%
TeX DVI	DVI	document	25	1	26	-24	-92%
LateX	LATEX	document	26	0	26	-26	-100%
TeX	TEX	document	26	0	26	-26	-100%
WordPerfect	WPD	document	26	0	26	-26	-100%
Photo CD	PCD	image	26	0	26	-26	-100%
Comma Separated Values	CSV	spreadsheet/database	3	19	22	16	73%
Microsoft Visio	VSD	document	21	0	21	-21	-100%
Mathematica	MA	application	21	0	21	-21	-100%
Ogg Vorbis	OGG	audio	10	10	20	0	0%
Filemaker	FM	spreadsheet/database	20	0	20	-20	-100%
Microsoft Project	MPP, MPX, MPD	application	20	0	20	-20	-100%
Machine Readable Cataloging Record	MARC	document	3	16	19	13	68%
MPEG-2	MP2	video	13	6	19	-7	-37%
MPEG Audio	MPA, ABS, MPEGA	audio	15	4	19	-11	-58%
Advanced Audio Coding	AAC	audio	13	3	16	-10	-63%
Windows Media Player Audio	WMA	audio	14	2	16	-12	-75%
Windows Media Video	WMV	video	15	1	16	-14	-88%
ZIP	ZIP	application	14	1	15	-13	-87%
Motion JPEG 2000	MJ2	video	4	10	14	6	43%
Flash Video	FLV, F4V	video	13	1	14	-12	-86%
MPEG-4 Part 14 with H.264 Codec	MP4/H.264	video	9	3	12	-6	-50%
MPEG-1	MP1	video	10	2	12	-8	-67%
Microsoft Word XML	DOCX	document	6	5	11	-1	-9%
OpenDocument Spreadsheet	ODS	spreadsheet/database	6	4	10	-2	-20%
Microsoft Excel XML	XLSX	spreadsheet/database	6	4	10	-2	-20%

STATA	DTA	spreadsheet/database	8	2	10	-6	-60%
OpenDocument document	ODT	document	5	4	9	-1	N/A
Scalable Vector Graphics	SVG	image	2	7	9	5	N/A
MrSID	SID	image	9	0	9	-9	N/A
Free Lossless Audio Codec	FLAC	audio	5	4	9	-1	N/A
NeXT SND	SND	audio	9	0	9	-9	N/A
Shape File	SHP	geospatial	6	2	8	-4	N/A
Cascading Style Sheets	CSS	document	6	2	8	-4	N/A
OpenDocument Presentation	ODP	presentation	5	3	8	-2	N/A
Microsoft Powerpoint XML	PPTX	presentation	5	3	8	-2	N/A
Encapsulated Postscript	EPS	image	6	2	8	-4	N/A
GZIP	GZ, GZIP	application	9	1	10	-9	N/A
Tab Separated Values	TAB	document	1	6	7	5	N/A
Database File Extension	DBF	spreadsheet/database	4	3	7	-1	N/A
Microsoft Access	MDB	spreadsheet/database	5	2	7	-3	N/A
Real Networks	RV	video	6	0	6	-6	N/A
Fixed Field document Data	DAT, ASC	document	0	6	6	6	N/A
Writer 6.0 Document	SXW	document	4	2	6	-2	N/A
OpenDocument Formula	ODF	spreadsheet/database	3	3	6	0	N/A
Javascript Source Code	JS	computer program	1	5	6	4	N/A
Digital Negative	DNG	image	3	3	6	0	N/A
JFIF File Interchange Format	JFIF, JPEG	image	3	3	6	0	N/A
Macromedia Flash	SWF	image	6	0	6	-6	N/A
C Source Code	C	computer program	0	5	5	5	N/A
C++ Source Code	C++	computer program	0	5	5	5	N/A
Java Source Code	JAVA	computer program	0	5	5	5	N/A

Java Server Pages	JSP	computer program	0	5	5	5	N/A
Hypertext Preprocessor Source Code	PHP	computer program	0	5	5	5	N/A
Perl	PL	computer program	0	5	5	5	N/A
Executable File	EXE	computer program	5	0	5	-5	N/A
SAS	SAS	spreadsheet/database	0	5	5	5	N/A
Calc 6.0 Spreadsheet	SXC	spreadsheet/database	3	2	5	-1	N/A
SPSS	SAV	spreadsheet/database	4	1	5	-3	N/A
Stata Portable File	POR	spreadsheet/database	5	0	5	-5	N/A
Impress 6.0 Presentation	SXI	presentation	3	2	5	-1	N/A
RAW	RAW*	image	3	2	5	-1	N/A
Computer Graphic Metafile	CGM	image	3	2	5	-1	N/A
JPEG 2000 Part 2	JPF, JPX	image	4	1	5	-3	N/A
Esri Shapefile	PRJ, SBN, SBX, SHX	geospatial	4	0	4	-4	N/A
Extensible HyperText Markup Language	XHTML	document	1	3	4	2	N/A
Document Type Definition	DTD	document	2	2	4	0	N/A
Web Archive File Format	WARC	document	2	2	4	0	N/A
Stata Syntax File	DO	spreadsheet/database	0	4	4	4	N/A
SPSS Syntax File	SPS	spreadsheet/database	0	4	4	4	N/A
SAS System File	SD1, SAS7BDAT, SD2, SD7, SSD01, SS, SSD04	spreadsheet/database	4	0	4	-4	N/A
SAS Transport File	XPT, CPORT, V5X, V6X, V7X	spreadsheet/database	4	0	4	-4	N/A
Universal 3D	U3D	image	2	2	4	0	N/A

Virtual Reality Modeling Language	VRML, WRL	image	2	2	4	0	N/A
FlashPix	FPX	image	4	0	4	-4	N/A
BIN File	BIN	computer program	4	0	4	-4	N/A
Java Class File	CLASS	computer program	4	0	4	-4	N/A
Protected Advanced Audio Encoding	M4P	audio	4	0	4	-4	N/A
R Syntax File	R	application	0	4	4	4	N/A
AutoCad	DWG	application	4	0	4	-4	N/A
R Binary File	RDATA	application	4	0	4	-4	N/A
Device Driver	DRV	computer program	4	0	4	-4	N/A
Programmed Data Processor Model 10	OVL	computer program	4	0	4	-4	N/A
Program Information File	PIF	computer program	4	0	4	-4	N/A
Real Mode Device Drivers	SYS	computer program	4	0	4	-4	N/A
Digital Video File	DV	video	2	1	3	-1	N/A
Machine Readable Cataloging	MDB	document	3	0	3	-3	N/A
SQL Data Definition Language	DDL	spreadsheet/database	0	3	3	3	N/A
X3D	X3D	image	0	3	3	3	N/A
AIF Compressed	AIFC	audio	3	0	3	-3	N/A
Autocad Internet Files	DWF	application	3	0	3	-3	N/A
TAR	TAR	application	3	0	3	-3	N/A
Command File	COM	computer program	3	0	3	-3	N/A
Dynamic Link Library	DLL	computer program	3	0	3	-3	N/A
TIFF World File	TFW	geospatial	2	0	2	-2	N/A
Electronic Publication	EPUB	document	0	2	2	2	N/A
PrimeOCR PRO Format	PRO	document	0	2	2	2	N/A
Microsoft Word Macro-Enabled XML	DOCM	document	1	1	2	0	N/A
OpenDocument Master Document	ODM	document	2	0	2	-2	N/A
OpenDocument HTML Template	OTH	document	2	0	2	-2	N/A
OpenDocument document Template	OTT	document	2	0	2	-2	N/A

RDF	rdf	spreadsheet/database	1	1	2	0	N/A
OpenDocument Database	ODB	spreadsheet/database	2	0	2	-2	N/A
OpenDocument Spreadsheet Template	OTS	spreadsheet/database	2	0	2	-2	N/A
Microsoft Powerpoint Macro-Enabled XML	PPTM	presentation	1	1	2	0	N/A
OpenDocument Chart	ODC	presentation	2	0	2	-2	N/A
OpenDocument Presentation Template	OTP	presentation	2	0	2	-2	N/A
Google WebP	WEBP	image	0	2	2	2	N/A
OpenDocument Drawing	ODG	image	2	0	2	-2	N/A
OpenDocument Image	ODI	image	2	0	2	-2	N/A
OpenDocument Drawing Template	OTG	image	2	0	2	-2	N/A
Digital Audio Interface Format	AES3	audio	0	2	2	2	N/A
AutoCad Exchange Format	DFX	application	2	0	2	-2	N/A
OpenOffice.org Extension	OXT	application	2	0	2	-2	N/A
FFV1/LPCM in MKV	FFV1/LPCM in MKV	video	0	1	1	1	N/A
MPEG-7	MP7	video	0	1	1	1	N/A
HDV	HDV	video	1	0	1	-1	N/A
OGV	OGV	video	1	0	1	-1	N/A
StarMail 5 mail file	SDM	document	1	0	1	-1	N/A
StarWriter 5 Document	SDW	document	1	0	1	-1	N/A
StarWriter 5 Global Document	SGL	document	1	0	1	-1	N/A
Writer 6.0 Template	STW	document	1	0	1	-1	N/A
Writer 6.0 Global Document	SXG	document	1	0	1	-1	N/A

JCAMP	JCAMP	spreadsheet/database	1	0	1	-1	N/A
StarCalc 5 Document	SDC	spreadsheet/database	1	0	1	-1	N/A
StarChart 5 Document	SDS	spreadsheet/database	1	0	1	-1	N/A
StarMath 5 Document	SMF	spreadsheet/database	1	0	1	-1	N/A
Calc 6.0 Template	STC	spreadsheet/database	1	0	1	-1	N/A
Math 6.0 Document	SXM	spreadsheet/database	1	0	1	-1	N/A
Microsoft Excel Marco-Enabled XML	XLSM	spreadsheet/database	1	0	1	-1	N/A
StarImpress 5 Presentation	SDD	presentation	1	0	1	-1	N/A
StarImpress Packed 5 file	SDP	presentation	1	0	1	-1	N/A
Impress 6.0 Template	STI	presentation	1	0	1	-1	N/A
DjVu	DJVU, DJV	image	4	0	4	-4	N/A
StarDraw 5 Document	SDA	image	1	0	1	-1	N/A
Draw 6.0 Template	STD	image	1	0	1	-1	N/A
Draw 6.0 Document	SXD	image	1	0	1	-1	N/A
Broadcast Wave Format	BWF, BWAV	audio	4	5	9	1	N/A
Compact Disc Digital Audio System	CDDA	audio	1	0	1	-1	N/A
Linear Pulse Code Modulated Audio	LPCM	audio	1	0	1	-1	N/A
Standard MIDI	MIF, MID	audio	1	0	1	-1	N/A
ARC	ARC	application	0	1	1	1	N/A
JAR	JAR	application	0	1	1	1	N/A
PST	PST	application	0	1	1	1	N/A
geoTiff	geoTiff	geospatial	1	0	1	-1	N/A
MapInfo Interchange Format	MIF	geospatial	1	0	1	-1	N/A
Extensible Stylesheet Language	XSL	computer program	0	1	1	1	N/A
Keyhole Mark-up language	KML	geospatial	1	0	1	-1	N/A

<p>* "Camera RAW" comprises numerous file extensions that differ from one camera manufacturer to the next; a partial list would include: ARI, ARW, BAY, CRW, CR2, CAP, DCS, DCR, DNG, DRF, EIP, ERF, FFF, IIQ, K25, KDC, MEF, MOS, MRW, NEF, NRW, OBM, ORF, PEF, PTX, PXN, R3D, RAF, RAW, RWL, RW2, RWZ, SR2, SRF, SRW, X3F</p>							
---	--	--	--	--	--	--	--

File Format Name	Abbreviated Name (most often extension)	File Format Type	Appearances in policies expressing medium confidence	Appearances in policies expressing high confidence	Total appearances in policies	Difference (between appearances in functional and bit-level policies)	Relative Confidence (for File Formats in over 10 policies)
Quicktime	MOV, QT	video	47	20	67	-27	-0.4
Microsoft Excel	XLS	spreadsheet/database	39	5	44	-34	-0.77
Microsoft Word	DOC	document	38	8	46	-30	-0.65
Microsoft Powerpoint	PPT	presentation	38	6	44	-32	-0.73
RealAudio	RAM, RA, RM	audio	35	0	35	-35	-1
Waveform Audio File Format	WAV	audio	33	47	80	14	0.18
MPEG-3	MP3	audio	31	9	40	-22	-0.55
Bitmap image file	BMP	image	31	2	33	-29	-0.88
Adobe Photoshop	PSD, PDD	image	29	0	29	-29	-1
JPEG	JPG, JPEG	image	28	42	70	14	0.2
AU	AU, SND	audio	28	2	30	-26	-0.87
Tagged Image File Format	TIFF, TIF	image	27	88	115	61	0.53
LateX	LATEX	document	26	0	26	-26	-1
TeX	TEX	document	26	0	26	-26	-1
WordPerfect	WPD	document	26	0	26	-26	-1
Photo CD	PCD	image	26	0	26	-26	-1
Portable Document Format	PDF	document	25	49	74	24	0.32
Standard Generalized Markup Language	SGML, SGM	document	25	5	30	-20	-0.67
TeX DVI	DVI	document	25	1	26	-24	-0.92
JPEG 2000	JP2	image	23	45	68	22	0.32
MPEG-4 (audio only)	MP4, M4A	audio	26	12	38	-14	-0.37
Graphics Interchange Format	GIF	image	22	31	53	9	0.17
MPEG	MPEG, MPG, MPE	video	21	14	35	-7	-0.2
Microsoft Visio	VSD	document	21	0	21	-21	-1
Mathematica	MA	application	21	0	21	-21	-1
AVI	AVI	video	20	20	40	0	0

Filemaker	FM	spreadsheet/database	20	0	20	-20	-1
Microsoft Project	MPP, MPX, MPD	application	20	0	20	-20	-1
HyperText Markup Language	HTML, HTM	document	18	33	51	15	0.29
Rich Text Format	RTF	document	18	24	42	6	0.14
Plain text document	TXT, ASC	document	17	52	69	35	0.51
Extensible Markup Language	XML	document	16	47	63	31	0.49
MPEG Audio	MPA, ABS, MPEGA	audio	15	4	19	-11	-0.58
Windows Media Video	WMV	video	15	1	16	-14	-0.88
Audio Interchange File Format	AIF, AIFC, AIFF	audio	14	45	59	31	0.53
Portable Network Graphics	PNG	image	14	39	53	25	0.47
Windows Media Player Audio	WMA	audio	14	2	16	-12	-0.75
ZIP	ZIP	application	14	1	15	-13	-0.87
MPEG-2	MP2	video	13	6	19	-7	-0.37
Advanced Audio Coding	AAC	audio	13	3	16	-10	-0.63
Flash Video	FLV, F4V	video	13	1	14	-12	-0.86
Postscript	PS, EPS, AI	document	11	19	30	8	0.27
Ogg Vorbis	OGG	audio	10	10	20	0	0
MPEG-1	MP1	video	10	2	12	-8	-0.67
Portable Document Format/A	PDF/A	document	9	25	34	16	0.47
MPEG-4 Part 14 with H.264 Codec	MP4/H.264	video	9	3	12	-6	-0.5
MrSID	SID	image	9	0	9	-9	N/A
NeXT SND	SND	audio	9	0	9	-9	N/A
STATA	DTA	spreadsheet/database	8	2	10	-6	-0.6
GZIP	GZ, GZIP	application	9	1	10	-9	N/A
Microsoft Word XML	DOCX	document	6	5	11	-1	-0.09
OpenDocument Spreadsheet	ODS	spreadsheet/database	6	4	10	-2	-0.2

Microsoft Excel XML	XLSX	spreadsheet/database	6	4	10	-2	-0.2
Shape File	SHP	geospatial	6	2	8	-4	N/A
Cascading Style Sheets	CSS	document	6	2	8	-4	N/A
Encapsulated Postscript	EPS	image	6	2	8	-4	N/A
Real Networks	RV	video	6	0	6	-6	N/A
Macromedia Flash	SWF	image	6	0	6	-6	N/A
OpenDocument document	ODT	document	5	4	9	-1	N/A
Free Lossless Audio Codec	FLAC	audio	5	4	9	-1	N/A
OpenDocument Presentation	ODP	presentation	5	3	8	-2	N/A
Microsoft Powerpoint XML	PPTX	presentation	5	3	8	-2	N/A
Microsoft Access	MDB	spreadsheet/database	5	2	7	-3	N/A
Executable File	EXE	computer program	5	0	5	-5	N/A
Stata Portable File	POR	spreadsheet/database	5	0	5	-5	N/A
Motion JPEG 2000	MJ2	video	4	10	14	6	0.43
Database File Extension	DBF	spreadsheet/database	4	3	7	-1	N/A
Writer 6.0 Document	SXW	document	4	2	6	-2	N/A
SPSS	SAV	spreadsheet/database	4	1	5	-3	N/A
JPEG 2000 Part 2	JPF, JPX	image	4	1	5	-3	N/A
Esri Shapefile	PRJ, SBN, SBX, SHX	geospatial	4	0	4	-4	N/A
SAS System File	SD1, SAS7BDAT, SD2, SD7, SSD01, SS, SSD04	spreadsheet/database	4	0	4	-4	N/A
SAS Transport File	XPT, CPORT, V5X, V6X, V7X	spreadsheet/database	4	0	4	-4	N/A
FlashPix	FPX	image	4	0	4	-4	N/A
BIN File	BIN	computer program	4	0	4	-4	N/A
Java Class File	CLASS	computer program	4	0	4	-4	N/A

Protected Advanced Audio Encoding	M4P	audio	4	0	4	-4	N/A
AutoCad	DWG	application	4	0	4	-4	N/A
R Binary File	RDATA	application	4	0	4	-4	N/A
Device Driver	DRV	computer program	4	0	4	-4	N/A
Programmed Data Processor Model 10	OVL	computer program	4	0	4	-4	N/A
Program Information File	PIF	computer program	4	0	4	-4	N/A
Real Mode Device Drivers	SYS	computer program	4	0	4	-4	N/A
Comma Separated Values	CSV	spreadsheet/database	3	19	22	16	0.73
Machine Readable Cataloging Record	MARC	document	3	16	19	13	0.68
OpenDocument Formula	ODF	spreadsheet/database	3	3	6	0	N/A
Digital Negative	DNG	image	3	3	6	0	N/A
JFIF File Interchange Format	JFIF, JPEG	image	3	3	6	0	N/A
Calc 6.0 Spreadsheet	SXC	spreadsheet/database	3	2	5	-1	N/A
Impress 6.0 Presentation	SXI	presentation	3	2	5	-1	N/A
RAW	RAW*	image	3	2	5	-1	N/A
Computer Graphic Metafile	CGM	image	3	2	5	-1	N/A
Machine Readable Cataloging	MDB	document	3	0	3	-3	N/A
AIF Compressed	AIFC	audio	3	0	3	-3	N/A
Autocad Internet Files	DWF	application	3	0	3	-3	N/A
TAR	TAR	application	3	0	3	-3	N/A
Command File	COM	computer program	3	0	3	-3	N/A
Dynamic Link Library	DLL	computer program	3	0	3	-3	N/A
Scalable Vector Graphics	SVG	image	2	7	9	5	N/A
Document Type Definition	DTD	document	2	2	4	0	N/A
Web Archive File Format	WARC	document	2	2	4	0	N/A

Universal 3D	U3D	image	2	2	4	0	N/A
Virtual Reality Modeling Language	VRML, WRL	image	2	2	4	0	N/A
Digital Video File	DV	video	2	1	3	-1	N/A
TIFF World File	TFW	geospatial	2	0	2	-2	N/A
OpenDocument Master Document	ODM	document	2	0	2	-2	N/A
OpenDocument HTML Template	OTH	document	2	0	2	-2	N/A
OpenDocument document Template	OTT	document	2	0	2	-2	N/A
OpenDocument Database	ODB	spreadsheet/database	2	0	2	-2	N/A
OpenDocument Spreadsheet Template	OTS	spreadsheet/database	2	0	2	-2	N/A
OpenDocument Chart	ODC	presentation	2	0	2	-2	N/A
OpenDocument Presentation Template	OTP	presentation	2	0	2	-2	N/A
OpenDocument Drawing	ODG	image	2	0	2	-2	N/A
OpenDocument Image	ODI	image	2	0	2	-2	N/A
OpenDocument Drawing Template	OTG	image	2	0	2	-2	N/A
AutoCad Exchange Format	DFX	application	2	0	2	-2	N/A
OpenOffice.org Extension	OXT	application	2	0	2	-2	N/A
Tab Separated Values	TAB	document	1	6	7	5	N/A
Javascript Source Code	JS	computer program	1	5	6	4	N/A
Extensible HyperText Markup Language	XHTML	document	1	3	4	2	N/A
Microsoft Word Macro-Enabled XML	DOCM	document	1	1	2	0	N/A
RDF	rdf	spreadsheet/database	1	1	2	0	N/A

Microsoft Powerpoint Macro-Enabled XML	PPTM	presentation	1	1	2	0	N/A
HDV	HDV	video	1	0	1	-1	N/A
OGV	OGV	video	1	0	1	-1	N/A
StarMail 5 mail file	SDM	document	1	0	1	-1	N/A
StarWriter 5 Document	SDW	document	1	0	1	-1	N/A
StarWriter 5 Global Document	SGL	document	1	0	1	-1	N/A
Writer 6.0 Template	STW	document	1	0	1	-1	N/A
Writer 6.0 Global Document	SXG	document	1	0	1	-1	N/A
JCAMP	JCAMP	spreadsheet/database	1	0	1	-1	N/A
StarCalc 5 Document	SDC	spreadsheet/database	1	0	1	-1	N/A
StarChart 5 Document	SDS	spreadsheet/database	1	0	1	-1	N/A
StarMath 5 Document	SMF	spreadsheet/database	1	0	1	-1	N/A
Calc 6.0 Template	STC	spreadsheet/database	1	0	1	-1	N/A
Math 6.0 Document	SXM	spreadsheet/database	1	0	1	-1	N/A
Microsoft Excel Marco-Enabled XML	XLSM	spreadsheet/database	1	0	1	-1	N/A
StarImpress 5 Presentation	SDD	presentation	1	0	1	-1	N/A
StarImpress Packed 5 file	SDP	presentation	1	0	1	-1	N/A
Impress 6.0 Template	STI	presentation	1	0	1	-1	N/A
DjVu	DJVU, DJV	image	4	0	4	-4	N/A
StarDraw 5 Document	SDA	image	1	0	1	-1	N/A
Draw 6.0 Template	STD	image	1	0	1	-1	N/A
Draw 6.0 Document	SXD	image	1	0	1	-1	N/A
Compact Disc Digital Audio System	CDDA	audio	1	0	1	-1	N/A
Linear Pulse Code Modulated Audio	LPCM	audio	1	0	1	-1	N/A
Standard MIDI	MIF, MID	audio	1	0	1	-1	N/A

geoTiff	geoTiff	geospatial	1	0	1	-1	N/A
MapInfo Interchange Format	MIF	geospatial	1	0	1	-1	N/A
Keyhole Mark-up language	KML	geospatial	1	0	1	-1	N/A
Fixed Field document Data	DAT, ASC	document	0	6	6	6	N/A
C Source Code	C	computer program	0	5	5	5	N/A
C++ Source Code	C++	computer program	0	5	5	5	N/A
Java Source Code	JAVA	computer program	0	5	5	5	N/A
Java Server Pages	JSP	computer program	0	5	5	5	N/A
Hypertext Preprocessor Source Code	PHP	computer program	0	5	5	5	N/A
Perl	PL	computer program	0	5	5	5	N/A
SAS	SAS	spreadsheet/database	0	5	5	5	N/A
Stata Syntax File	DO	spreadsheet/database	0	4	4	4	N/A
SPSS Syntax File	SPS	spreadsheet/database	0	4	4	4	N/A
R Syntax File	R	application	0	4	4	4	N/A
SQL Data Definition Language	DDL	spreadsheet/database	0	3	3	3	N/A
X3D	X3D	image	0	3	3	3	N/A
Electronic Publication	EPUB	document	0	2	2	2	N/A
PrimeOCR PRO Format	PRO	document	0	2	2	2	N/A
Google WebP	WEBP	image	0	2	2	2	N/A
Digital Audio Interface Format	AES3	audio	0	2	2	2	N/A
FFV1/LPCM in MKV	FFV1/LPCM in MKV	video	0	1	1	1	N/A
MPEG-7	MP7	video	0	1	1	1	N/A
Broadcast Wave Format	BWF, BWAV	audio	4	5	9	1	N/A
ARC	ARC	application	0	1	1	1	N/A
JAR	JAR	application	0	1	1	1	N/A
PST	PST	application	0	1	1	1	N/A

Extensible Stylesheet Language	XSL	computer program	0	1	1	1	N/A
* "Camera RAW" comprises numerous file extensions that differ from one camera manufacturer to the next; a partial list would include: ARI, ARW, BAY, CRW, CR2, CAP, DCS, DCR, DNG, DRF, EIP, ERF, FFF, IIQ, K25, KDC, MEF, MOS, MRW, NEF, NRW, OBM, ORF, PEF, PTX, PXN, R3D, RAF, RAW, RWL, RW2, RWZ, SR2, SRF, SRW, X3F							

File Format Name	Abbreviated Name (most often extension)	File Format Type	Appearances in policies expressing medium confidence	Appearances in policies expressing high confidence	Total appearances in policies	Difference (between appearances in functional and bit-level policies)	Relative Confidence (for File Formats in over 10 policies)
Tagged Image File Format	TIFF, TIF	image	27	88	115	61	0.53
Plain text document	TXT, ASC	document	17	52	69	35	0.51
Portable Document Format	PDF	document	25	49	74	24	0.32
Waveform Audio File Format	WAV	audio	33	47	80	14	0.18
Extensible Markup Language	XML	document	16	47	63	31	0.49
JPEG 2000	JP2	image	23	45	68	22	0.32
Audio Interchange File Format	AIF, AIFC, AIFF	audio	14	45	59	31	0.53
JPEG	JPG, JPEG	image	28	42	70	14	0.2
Portable Network Graphics	PNG	image	14	39	53	25	0.47
HyperText Markup Language	HTML, HTM	document	18	33	51	15	0.29
Graphics Interchange Format	GIF	image	22	31	53	9	0.17
Portable Document Format/A	PDF/A	document	9	25	34	16	0.47
Rich Text Format	RTF	document	18	24	42	6	0.14
Quicktime	MOV, QT	video	47	20	67	-27	-0.4
AVI	AVI	video	20	20	40	0	0
Postscript	PS, EPS, AI	document	11	19	30	8	0.27
Comma Separated Values	CSV	spreadsheet/database	3	19	22	16	0.73
MARC	MARC	document	3	16	19	13	0.68
MPEG	MPEG, MPG, MPE	video	21	14	35	-7	-0.2
MPEG-4 (audio only)	MP4, M4A	audio	26	12	38	-14	-0.37
Ogg Vorbis	OGG	audio	10	10	20	0	0
Motion JPEG 2000	MJ2	video	4	10	14	6	0.43
MPEG-3	MP3	audio	31	9	40	-22	-0.55
Microsoft Word	DOC	document	38	8	46	-30	-0.65

Scalable Vector Graphics	SVG	image	2	7	9	5	N/A
Microsoft Powerpoint	PPT	presentation	38	6	44	-32	-0.73
MPEG-2	MP2	video	13	6	19	-7	-0.37
Tab Separated Values	TAB	document	1	6	7	5	N/A
Fixed Field document Data	DAT, ASC	document	0	6	6	6	N/A
Microsoft Excel	XLS	spreadsheet/database	39	5	44	-34	-0.77
Standard Generalized Markup Language	SGML, SGM	document	25	5	30	-20	-0.67
Microsoft Word XML	DOCX	document	6	5	11	-1	-0.09
Javascript Source Code	JS	computer program	1	5	6	4	N/A
C Source Code	C	computer program	0	5	5	5	N/A
C++ Source Code	C++	computer program	0	5	5	5	N/A
Java Source Code	JAVA	computer program	0	5	5	5	N/A
Java Server Pages	JSP	computer program	0	5	5	5	N/A
Hypertext Preprocessor Source Code	PHP	computer program	0	5	5	5	N/A
Perl	PL	computer program	0	5	5	5	N/A
SAS	SAS	spreadsheet/database	0	5	5	5	N/A
MPEG Audio	MPA, ABS, MPEGA	audio	15	4	19	-11	-0.58
OpenDocument Spreadsheet	ODS	spreadsheet/database	6	4	10	-2	-0.2
Microsoft Excel XML	XLSX	spreadsheet/database	6	4	10	-2	-0.2
OpenDocument document	ODT	document	5	4	9	-1	N/A
Free Lossless Audio Codec	FLAC	audio	5	4	9	-1	N/A
Stata Syntax File	DO	spreadsheet/database	0	4	4	4	N/A
SPSS Syntax File	SPS	spreadsheet/database	0	4	4	4	N/A
R Syntax File	R	application	0	4	4	4	N/A

Advanced Audio Coding	AAC	audio	13	3	16	-10	-0.63
MPEG-4 Part 14 with H.264 Codec	MP4/H.264	video	9	3	12	-6	-0.5
OpenDocument Presentation	ODP	presentation	5	3	8	-2	N/A
Microsoft Powerpoint XML	PPTX	presentation	5	3	8	-2	N/A
Database File Extension	DBF	spreadsheet/database	4	3	7	-1	N/A
OpenDocument Formula	ODF	spreadsheet/database	3	3	6	0	N/A
Digital Negative	DNG	image	3	3	6	0	N/A
JFIF File Interchange Format	JFIF, JPEG	image	3	3	6	0	N/A
Extensible HyperText Markup Language	XHTML	document	1	3	4	2	N/A
SQL Data Definition Language	DDL	spreadsheet/database	0	3	3	3	N/A
X3D	X3D	image	0	3	3	3	N/A
Bitmap image file	BMP	image	31	2	33	-29	-0.88
AU	AU, SND	audio	28	2	30	-26	-0.87
Windows Media Player Audio	WMA	audio	14	2	16	-12	-0.75
MPEG-1	MP1	video	10	2	12	-8	-0.67
STATA	DTA	spreadsheet/database	8	2	10	-6	-0.6
Shape File	SHP	geospatial	6	2	8	-4	N/A
Cascading Style Sheets	CSS	document	6	2	8	-4	N/A
Encapsulated Postscript	EPS	image	6	2	8	-4	N/A
Microsoft Access	MDB	spreadsheet/database	5	2	7	-3	N/A
Writer 6.0 Document	SXW	document	4	2	6	-2	N/A
Calc 6.0 Spreadsheet	SXC	spreadsheet/database	3	2	5	-1	N/A
Impress 6.0 Presentation	SXI	presentation	3	2	5	-1	N/A
RAW	RAW*	image	3	2	5	-1	N/A

Computer Graphic Metafile	CGM	image	3	2	5	-1	N/A
Document Type Definition	DTD	document	2	2	4	0	N/A
Web Archive File Format	WARC	document	2	2	4	0	N/A
Universal 3D	U3D	image	2	2	4	0	N/A
Virtual Reality Modeling Language	VRML, WRL	image	2	2	4	0	N/A
Electronic Publication	EPUB	document	0	2	2	2	N/A
PrimeOCR PRO Format	PRO	document	0	2	2	2	N/A
Google WebP	WEBP	image	0	2	2	2	N/A
Digital Audio Interface Format	AES3	audio	0	2	2	2	N/A
TeX DVI	DVI	document	25	1	26	-24	-0.92
Windows Media Video	WMV	video	15	1	16	-14	-0.88
ZIP	ZIP	application	14	1	15	-13	-0.87
Flash Video	FLV, F4V	video	13	1	14	-12	-0.86
SPSS	SAV	spreadsheet/database	4	1	5	-3	N/A
JPEG 2000 Part 2	JPF, JPX	image	4	1	5	-3	N/A
Digital Video File	DV	video	2	1	3	-1	N/A
Microsoft Word Macro-Enabled XML	DOCM	document	1	1	2	0	N/A
RDF	rdf	spreadsheet/database	1	1	2	0	N/A
Microsoft Powerpoint Macro-Enabled XML	PPTM	presentation	1	1	2	0	N/A
FFV1/LPCM in MKV	FFV1/LPCM in MKV	video	0	1	1	1	N/A
MPEG-7	MP7	video	0	1	1	1	N/A
Broadcast Wave Format	BWF, BWAV	audio	4	5	9	1	N/A
ARC	ARC	application	0	1	1	1	N/A
JAR	JAR	application	0	1	1	1	N/A
PST	PST	application	0	1	1	1	N/A
Extensible Stylesheet Language	XSL	computer program	0	1	1	1	N/A

RealAudio	RAM, RA, RM	audio	35	0	35	-35	-1
Adobe Photoshop	PSD, PDD	image	29	0	29	-29	-1
LateX	LATEX	document	26	0	26	-26	-1
TeX	TEX	document	26	0	26	-26	-1
WordPerfect	WPD	document	26	0	26	-26	-1
Photo CD	PCD	image	26	0	26	-26	-1
Microsoft Visio	VSD	document	21	0	21	-21	-1
Mathematica	MA	application	21	0	21	-21	-1
Filemaker	FM	spreadsheet/database	20	0	20	-20	-1
Microsoft Project	MPP, MPX, MPD	application	20	0	20	-20	-1
MrSID	SID	image	9	0	9	-9	N/A
NeXT SND	SND	audio	9	0	9	-9	N/A
GZIP	GZIP	application	9	1	10	-9	N/A
Real Networks	RV	video	6	0	6	-6	N/A
Macromedia Flash	SWF	image	6	0	6	-6	N/A
Executable File	EXE	computer program	5	0	5	-5	N/A
Stata Portable File	POR	spreadsheet/database	5	0	5	-5	N/A
Esri Shapefile	PRJ, SBN, SBX, SHX	geospatial	4	0	4	-4	N/A
SAS System File	SD1, SAS7BDAT, SD2, SD7, SSD01, SS, SSD04	spreadsheet/database	4	0	4	-4	N/A
SAS Transport File	XPT, CPORT, V5X, V6X, V7X	spreadsheet/database	4	0	4	-4	N/A
FlashPix	FPX	image	4	0	4	-4	N/A
BIN File	BIN	computer program	4	0	4	-4	N/A
Java Class File	CLASS	computer program	4	0	4	-4	N/A
Protected Advanced Audio Encoding	M4P	audio	4	0	4	-4	N/A
AutoCad	DWG	application	4	0	4	-4	N/A
R Binary File	RDATA	application	4	0	4	-4	N/A
Device Driver	DRV	computer program	4	0	4	-4	N/A
Programmed Data Processor Model 10	OVL	computer program	4	0	4	-4	N/A
Program Information File	PIF	computer program	4	0	4	-4	N/A

Real Mode Device Drivers	SYS	computer program	4	0	4	-4	N/A
Machine Readable Cataloging	MDB	document	3	0	3	-3	N/A
AIF Compressed	AIFC	audio	3	0	3	-3	N/A
Autocad Internet Files	DWF	application	3	0	3	-3	N/A
TAR	TAR	application	3	0	3	-3	N/A
Command File	COM	computer program	3	0	3	-3	N/A
Dynamic Link Library	DLL	computer program	3	0	3	-3	N/A
TIFF World File	TFW	geospatial	2	0	2	-2	N/A
OpenDocument Master Document	ODM	document	2	0	2	-2	N/A
OpenDocument HTML Template	OTH	document	2	0	2	-2	N/A
OpenDocument document Template	OTT	document	2	0	2	-2	N/A
OpenDocument Database	ODB	spreadsheet/database	2	0	2	-2	N/A
OpenDocument Spreadsheet Template	OTS	spreadsheet/database	2	0	2	-2	N/A
OpenDocument Chart	ODC	presentation	2	0	2	-2	N/A
OpenDocument Presentation Template	OTP	presentation	2	0	2	-2	N/A
OpenDocument Drawing	ODG	image	2	0	2	-2	N/A
OpenDocument Image	ODI	image	2	0	2	-2	N/A
OpenDocument Drawing Template	OTG	image	2	0	2	-2	N/A
AutoCad Exchange Format	DFX	application	2	0	2	-2	N/A
OpenOffice.org Extension	OXT	application	2	0	2	-2	N/A
HDV	HDV	video	1	0	1	-1	N/A
OGV	OGV	video	1	0	1	-1	N/A
StarMail 5 mail file	SDM	document	1	0	1	-1	N/A

StarWriter 5 Document	SDW	document	1	0	1	-1	N/A
StarWriter 5 Global Document	SGL	document	1	0	1	-1	N/A
Writer 6.0 Template	STW	document	1	0	1	-1	N/A
Writer 6.0 Global Document	SXG	document	1	0	1	-1	N/A
JCAMP	JCAMP	spreadsheet/database	1	0	1	-1	N/A
StarCalc 5 Document	SDC	spreadsheet/database	1	0	1	-1	N/A
StarChart 5 Document	SDS	spreadsheet/database	1	0	1	-1	N/A
StarMath 5 Document	SMF	spreadsheet/database	1	0	1	-1	N/A
Calc 6.0 Template	STC	spreadsheet/database	1	0	1	-1	N/A
Math 6.0 Document	SXM	spreadsheet/database	1	0	1	-1	N/A
Microsoft Excel Macro-Enabled XML	XLSM	spreadsheet/database	1	0	1	-1	N/A
StarImpress 5 Presentation	SDD	presentation	1	0	1	-1	N/A
StarImpress Packed 5 file	SDP	presentation	1	0	1	-1	N/A
Impress 6.0 Template	STI	presentation	1	0	1	-1	N/A
DjVu	DJVU, DJV	image	4	0	4	-4	N/A
StarDraw 5 Document	SDA	image	1	0	1	-1	N/A
Draw 6.0 Template	STD	image	1	0	1	-1	N/A
Draw 6.0 Document	SXD	image	1	0	1	-1	N/A
Compact Disc Digital Audio System	CDDA	audio	1	0	1	-1	N/A
Linear Pulse Code Modulated Audio	LPCM	audio	1	0	1	-1	N/A
Standard MIDI	MIF, MID	audio	1	0	1	-1	N/A
geoTiff	geoTiff	geospatial	1	0	1	-1	N/A
MapInfo Interchange Format	MIF	geospatial	1	0	1	-1	N/A
Keyhole Mark-up language	KML	geospatial	1	0	1	-1	N/A

<p>* "Camera RAW" comprises numerous file extensions that differ from one camera manufacturer to the next; a partial list would include: ARI, ARW, BAY, CRW, CR2, CAP, DCS, DCR, DNG, DRF, EIP, ERF, FFF, IIQ, K25, KDC, MEF, MOS, MRW, NEF, NRW, OBM, ORF, PEF, PTX, PXN, R3D, RAF, RAW, RWL, RW2, RWZ, SR2, SRF, SRW, X3F</p>							
---	--	--	--	--	--	--	--

File Format Name	Abbreviated Name (most often extension)	File Format Type	Appearances in policies expressing medium confidence	Appearances in policies expressing high confidence	Total appearances in policies	Difference (between appearances in functional and bit-level policies)	Relative Confidence (for File Formats in over 10 policies)
ZIP	ZIP	application	14	1	15	-13	-0.87
Microsoft Project	MPP, MPX, MPD	application	20	0	20	-20	-1
Mathematica	MA	application	21	0	21	-21	-1
ARC	ARC	application	0	1	1	1	N/A
JAR	JAR	application	0	1	1	1	N/A
PST	PST	application	0	1	1	1	N/A
AutoCad Exchange Format	DFX	application	2	0	2	-2	N/A
OpenOffice.org Extension	OXT	application	2	0	2	-2	N/A
Autocad Internet Files	DWF	application	3	0	3	-3	N/A
TAR	TAR	application	3	0	3	-3	N/A
R Syntax File	R	application	0	4	4	4	N/A
AutoCad	DWG	application	4	0	4	-4	N/A
R Binary File	RDATA	application	4	0	4	-4	N/A
GZIP	GZ, GZIP	application	9	1	10	-9	N/A

File Format Name	Abbreviated Name (most often extension)	File Format Type	Appearances in policies expressing medium confidence	Appearances in policies expressing high confidence	Total appearances in policies	Difference (between appearances in functional and bit-level policies)	Relative Confidence (for File Formats in over 10 policies)
Audio Interchange File Format	AIF, AIFC, AIFF	audio	14	45	59	31	0.53
Waveform Audio File Format	WAV	audio	33	47	80	14	0.18
Ogg Vorbis	OGG	audio	10	10	20	0	0
MPEG-4 (audio only)	MP4, M4A	audio	26	12	38	-14	-0.37
MPEG-3	MP3	audio	31	9	40	-22	-0.55
MPEG Audio	MPA, ABS, MPEGA	audio	15	4	19	-11	-0.58
Advanced Audio Coding	AAC	audio	13	3	16	-10	-0.63
Windows Media Player Audio	WMA	audio	14	2	16	-12	-0.75
AU	AU, SND	audio	28	2	30	-26	-0.87
RealAudio	RAM, RA, RM	audio	35	0	35	-35	-1
Broadcast Wave Format	BWF, BWAV	audio	4	5	9	1	N/A
Compact Disc Digital Audio System	CDDA	audio	1	0	1	-1	N/A
Linear Pulse Code Modulated Audio	LPCM	audio	1	0	1	-1	N/A
Standard MIDI	MIF, MID	audio	1	0	1	-1	N/A
Digital Audio Interface Format	AES3	audio	0	2	2	2	N/A
AIF Compressed	AIFC	audio	3	0	3	-3	N/A
Protected Advanced Audio Encoding	M4P	audio	4	0	4	-4	N/A
Free Lossless Audio Codec	FLAC	audio	5	4	9	-1	N/A
NeXT SND	SND	audio	9	0	9	-9	N/A

File Format Name	Abbreviated Name (most often extension)	File Format Type	Appearances in policies expressing medium confidence	Appearances in policies expressing high confidence	Total appearances in policies	Difference (between appearances in functional and bit-level policies)	Relative Confidence (for File Formats in over 10 policies)
C Source Code	C	computer program	0	5	5	5	N/A
C++ Source Code	C++	computer program	0	5	5	5	N/A
Java Source Code	JAVA	computer program	0	5	5	5	N/A
Java Server Pages	JSP	computer program	0	5	5	5	N/A
Hypertext Preprocessor Source Code	PHP	computer program	0	5	5	5	N/A
Perl	PL	computer program	0	5	5	5	N/A
Javascript Source Code	JS	computer program	1	5	6	4	N/A
Executable File	EXE	computer program	5	0	5	-5	N/A
BIN File	BIN	computer program	4	0	4	-4	N/A
Java Class File	CLASS	computer program	4	0	4	-4	N/A
Device Driver	DRV	computer program	4	0	4	-4	N/A
Programmed Data Processor Model 10	OVL	computer program	4	0	4	-4	N/A
Program Information File	PIF	computer program	4	0	4	-4	N/A
Real Mode Device Drivers	SYS	computer program	4	0	4	-4	N/A
Command File	COM	computer program	3	0	3	-3	N/A
Dynamic Link Library	DLL	computer program	3	0	3	-3	N/A
Extensible Stylesheet Language	XSL	computer program	0	1	1	1	N/A

File Format Name	Abbreviated Name (most often extension)	File Format Type	Appearances in policies expressing medium confidence	Appearances in policies expressing high confidence	Total appearances in policies	Difference (between appearances in functional and bit-level policies)	Relative Confidence (for File Formats in over 10 policies)
Shape File	SHP	geospatial	6	2	8	-4	N/A
Esri Shapefile	PRJ, SBN, SBX, SHX	geospatial	4	0	4	-4	N/A
TIFF World File	TFW	geospatial	2	0	2	-2	N/A
geoTiff	geoTiff	geospatial	1	0	1	-1	N/A
MapInfo Interchange Format	MIF	geospatial	1	0	1	-1	N/A
Keyhole Mark-up language	KML	geospatial	1	0	1	-1	N/A

File Format Name	Abbreviated Name (most often extension)	File Format Type	Appearances in policies expressing medium confidence	Appearances in policies expressing high confidence	Total appearances in policies	Difference (between appearances in functional and bit-level policies)	Relative Confidence (for File Formats in over 10 policies)
Tagged Image File Format	TIFF, TIF	image	27	88	115	61	0.53
Portable Network Graphics	PNG	image	14	39	53	25	0.47
JPEG 2000	JP2	image	23	45	68	22	0.32
JPEG	JPG, JPEG	image	28	42	70	14	0.2
Graphics Interchange Format	GIF	image	22	31	53	9	0.17
Bitmap image file	BMP	image	31	2	33	-29	-0.88
Photo CD	PCD	image	26	0	26	-26	-1
DjVu	DJVU, DJV	image	4	0	4	-4	N/A
StarDraw 5 Document	SDA	image	1	0	1	-1	N/A
Draw 6.0 Template	STD	image	1	0	1	-1	N/A
Draw 6.0 Document	SXD	image	1	0	1	-1	N/A
Google WebP	WEBP	image	0	2	2	2	N/A
OpenDocument Drawing	ODG	image	2	0	2	-2	N/A
OpenDocument Image	ODI	image	2	0	2	-2	N/A
OpenDocument Drawing Template	OTG	image	2	0	2	-2	N/A
X3D	X3D	image	0	3	3	3	N/A
Universal 3D	U3D	image	2	2	4	0	N/A
Virtual Reality Modeling Language	VRML, WRL	image	2	2	4	0	N/A
FlashPix	FPX	image	4	0	4	-4	N/A
Camera RAW	RAW*	image	3	2	5	-1	N/A
Computer Graphic Metafile	CGM	image	3	2	5	-1	N/A
JPEG 2000 Part 2	JPF, JPX	image	4	1	5	-3	N/A

Digital Negative	DNG	image	3	3	6	0	N/A
JFIF File Interchange Format	JFIF, JPEG	image	3	3	6	0	N/A
Macromedia Flash	SWF	image	6	0	6	-6	N/A
Encapsulated Postscript	EPS	image	6	2	8	-4	N/A
Scalable Vector Graphics	SVG	image	2	7	9	5	N/A
MrSID	SID	image	9	0	9	-9	N/A
<p>* "Camera RAW" comprises numerous file extensions that differ from one camera manufacturer to the next; a partial list would include: ARI, ARW, BAY, CRW, CR2, CAP, DCS, DCR, DNG, DRF, EIP, ERF, FFF, IIQ, K25, KDC, MEF, MOS, MRW, NEF, NRW, OBM, ORF, PEF, PTX, PXN, R3D, RAF, RAW, RWL, RW2, RWZ, SR2, SRF, SRW, X3F</p>							

File Format Name	Abbreviated Name (most often extension)	File Format Type	Appearances in policies expressing medium confidence	Appearances in policies expressing high confidence	Total appearances in policies	Difference (between appearances in functional and bit-level policies)	Relative Confidence (for File Formats in over 10 policies)
Microsoft Powerpoint	PPT	presentation	38	6	44	-32	-0.73
StarImpress 5 Presentation	SDD	presentation	1	0	1	-1	N/A
StarImpress Packed 5 file	SDP	presentation	1	0	1	-1	N/A
Impress 6.0 Template	STI	presentation	1	0	1	-1	N/A
Microsoft Powerpoint Macro-Enabled XML	PPTM	presentation	1	1	2	0	N/A
OpenDocument Chart	ODC	presentation	2	0	2	-2	N/A
OpenDocument Presentation Template	OTP	presentation	2	0	2	-2	N/A
Impress 6.0 Presentation	SXI	presentation	3	2	5	-1	N/A
OpenDocument Presentation	ODP	presentation	5	3	8	-2	N/A
Microsoft Powerpoint XML	PPTX	presentation	5	3	8	-2	N/A

File Format Name	Abbreviated Name (most often extension)	File Format Type	Appearances in policies expressing medium confidence	Appearances in policies expressing high confidence	Total appearances in policies	Difference (between appearances in functional and bit-level policies)	Relative Confidence (for File Formats in over 10 policies)
Comma Separated Values	CSV	spreadsheet/database	3	19	22	16	0.73
OpenDocument Spreadsheet	ODS	spreadsheet/database	6	4	10	-2	-0.2
Microsoft Excel XML	XLSX	spreadsheet/database	6	4	10	-2	-0.2
STATA	DTA	spreadsheet/database	8	2	10	-6	-0.6
Microsoft Excel	XLS	spreadsheet/database	39	5	44	-34	-0.77
Filemaker	FM	spreadsheet/database	20	0	20	-20	-1
JCAMP	JCAMP	spreadsheet/database	1	0	1	-1	N/A
StarCalc 5 Document	SDC	spreadsheet/database	1	0	1	-1	N/A
StarChart 5 Document	SDS	spreadsheet/database	1	0	1	-1	N/A
StarMath 5 Document	SMF	spreadsheet/database	1	0	1	-1	N/A
Calc 6.0 Template	STC	spreadsheet/database	1	0	1	-1	N/A
Math 6.0 Document	SXM	spreadsheet/database	1	0	1	-1	N/A
Microsoft Excel Marco-Enabled XML	XLSM	spreadsheet/database	1	0	1	-1	N/A
RDF	rdf	spreadsheet/database	1	1	2	0	N/A
OpenDocument Database	ODB	spreadsheet/database	2	0	2	-2	N/A
OpenDocument Spreadsheet Template	OTS	spreadsheet/database	2	0	2	-2	N/A
SQL Data Definition Language	DDL	spreadsheet/database	0	3	3	3	N/A
Stata Syntax File	DO	spreadsheet/database	0	4	4	4	N/A
SPSS Syntax File	SPS	spreadsheet/database	0	4	4	4	N/A
SAS System File	SD1, SAS7BDAT, SD2, SD7, SSD01, SS, SSD04	spreadsheet/database	4	0	4	-4	N/A

SAS Transport File	XPT, CPORT, V5X, V6X, V7X	spreadsheet/database	4	0	4	-4	N/A
SAS	SAS	spreadsheet/database	0	5	5	5	N/A
Calc 6.0 Spreadsheet	SXC	spreadsheet/database	3	2	5	-1	N/A
SPSS	SAV	spreadsheet/database	4	1	5	-3	N/A
Stata Portable File	POR	spreadsheet/database	5	0	5	-5	N/A
OpenDocument Formula	ODF	spreadsheet/database	3	3	6	0	N/A
Database File Extension	DBF	spreadsheet/database	4	3	7	-1	N/A
Microsoft Access	MDB	spreadsheet/database	5	2	7	-3	N/A

File Format Name	Abbreviated Name (most often extension)	File Format Type	Appearances in policies expressing medium confidence	Appearances in policies expressing high confidence	Total appearances in policies	Difference (between appearances in functional and bit-level policies)	Relative Confidence (for File Formats in over 10 policies)
Machine Readable Cataloging	MARC	document	3	16	19	13	0.68
Plain text document	TXT, ASC	document	17	52	69	35	0.51
Extensible Markup Language	XML	document	16	47	63	31	0.49
Portable Document Format/A	PDF/A	document	9	25	34	16	0.47
Portable Document Format	PDF	document	25	49	74	24	0.32
HyperText Markup Language	HTML, HTM	document	18	33	51	15	0.29
Postscript	PS, EPS, AI	document	11	19	30	8	0.27
Rich Text Format	RTF	document	18	24	42	6	0.14
Microsoft Word XML	DOCX	document	6	5	11	-1	-0.09
Microsoft Word	DOC	document	38	8	46	-30	-0.65
Standard Generalized Markup Language	SGML, SGM	document	25	5	30	-20	-0.67
TeX DVI	DVI	document	25	1	26	-24	-0.92
LateX	LATEX	document	26	0	26	-26	-1
TeX	TEX	document	26	0	26	-26	-1
WordPerfect	WPD	document	26	0	26	-26	-1
Microsoft Visio	VSD	document	21	0	21	-21	-1
StarMail 5 mail file	SDM	document	1	0	1	-1	N/A
StarWriter 5 Document	SDW	document	1	0	1	-1	N/A
StarWriter 5 Global Document	SGL	document	1	0	1	-1	N/A
Writer 6.0 Template	STW	document	1	0	1	-1	N/A
Writer 6.0 Global Document	SXG	document	1	0	1	-1	N/A

Electronic Publication	EPUB	document	0	2	2	2	N/A
PrimeOCR PRO Format	PRO	document	0	2	2	2	N/A
Microsoft Word Macro-Enabled XML	DOCM	document	1	1	2	0	N/A
OpenDocument Master Document	ODM	document	2	0	2	-2	N/A
OpenDocument HTML Template	OTH	document	2	0	2	-2	N/A
OpenDocument document Template	OTT	document	2	0	2	-2	N/A
Machine Readable Cataloging	MDB	document	3	0	3	-3	N/A
Extensible HyperText Markup Language	XHTML	document	1	3	4	2	N/A
Document Type Definition	DTD	document	2	2	4	0	N/A
Web Archive File Format	WARC	document	2	2	4	0	N/A
Fixed Field document Data	DAT, ASC	document	0	6	6	6	N/A
Writer 6.0 Document	SXW	document	4	2	6	-2	N/A
Tab Separated Values	TAB	document	1	6	7	5	N/A
Cascading Style Sheets	CSS	document	6	2	8	-4	N/A
OpenDocument document	ODT	document	5	4	9	-1	N/A

File Format Name	Abbreviated Name (most often extension)	File Format Type	Appearances in policies expressing medium confidence	Appearances in policies expressing high confidence	Total appearances in policies	Difference (between appearances in functional and bit-level policies)	Relative Confidence (for File Formats in over 10 policies)
Motion JPEG 2000	MJ2	video	4	10	14	6	0.43
AVI	AVI	video	20	20	40	0	0
MPEG	MPEG, MPG, MPE	video	21	14	35	-7	-0.2
MPEG-2	MP2	video	13	6	19	-7	-0.37
Quicktime	MOV, QT	video	47	20	67	-27	-0.4
MPEG-4 Part 14 with H.264 Codec	MP4/H.264	video	9	3	12	-6	-0.5
MPEG-1	MP1	video	10	2	12	-8	-0.67
Flash Video	FLV, F4V	video	13	1	14	-12	-0.86
Windows Media Video	WMV	video	15	1	16	-14	-0.88
FFV1/LPCM in MKV	FFV1/LPCM in MKV	video	0	1	1	1	N/A
MPEG-7	MP7	video	0	1	1	1	N/A
HDV	HDV	video	1	0	1	-1	N/A
OGV	OGV	video	1	0	1	-1	N/A
Digital Video File	DV	video	2	1	3	-1	N/A
Real Networks	RV	video	6	0	6	-6	N/A