



### Types of Files the Google Search Appliance Crawls and Indexes

Note: Encrypted, viewable PDF documents are converted to HTML for indexing; however, the HTML is not displayed.

Word Processing Formats		
ASCII Text (7 & 8 bit)	txt	All versions
ANSI Text (7 & 8 bit)	ans	All versions
Corel WordPerfect for Windows	doc, wp, wpf, wp4, wp5, wp6, wp	Versions through 9.0
DEC WPS Plus	dx	Versions through 4.0
DEC WPS Plus	wpl	Versions through 4.1
DisplayWrite 2 & 3	txt	All versions
DisplayWrite 4 & 5	doc	Versions through Release 2.0
Enable	wpf	Versions 3.0, 4.0 and 4.5
First Choice	pfc	Versions through 3.0
Framework		Version 3.0
HTML	html, htm	Versions through 3.0 (some limitations)
IBM FFT	fft	All versions
IBM Revisable Form Text	rft	All versions
IBM Writing Assistant	iwa	Version 1.01
JustSystems Ichitaro	jaw, jbw	Versions 5.0, 6.0, 8.0, 9.0 and 10.0.
JustWrite	jw	Versions through 3.0
Legacy	leg	Versions through 1.1
Lotus AMI/AMI Professional	sam	Versions through 3.1
Lotus Manuscript	doc	Versions through 2.0
Lotus WordPro (Windows only)	lwp	SmartSuite 96
Lotus WordPro (Text only on UNIX)	lwp	SmartSuite 97 and Millennium
MacWrite II	mcw, mw, mwii	Version 1.1
MASS11	m11	Versions through 8.0
Microsoft Rich Text Format	rtf	All versions
Microsoft Word for DOS	doc	Versions through 6.0
Microsoft Word for Macintosh	doc	Versions 4.0 through 98
Microsoft Word for Windows	doc	Versions through 2000
Microsoft WordPad	rtf, doc	All versions
Microsoft Works for DOS	wks, wps	Versions through 2.0
Microsoft Works for Macintosh	wks, wps	Versions through 2.0
Microsoft Works for Windows	wks, wpf	Versions through 4.0
Microsoft Write	wri	Versions through 3.0
MultiMate	dox	Versions through 4.0
Navy DIF	dif	All versions
Nota Bene	nb	Version 3.0
Novell Perfect Works		Version 2.0
Novell WordPerfect for DOS		Versions through 6.1

Novell WordPerfect for Mac		Versions 1.02 through 3.0	
Novell WordPerfect for Windows		Versions through 7.0	
Office Writer	ow4	Version 4.0 to 6.0	
PC-File Letter	ltr	Versions through 5.0	
PC-File+ Letter	ltr	Versions through 3.0	
PFS:Write	pfb	Versions A, B, and C	
Professional Write for DOS	pw	Versions through 2.1	
Professional Write Plus	pw, pwp	Version 1.0	
Q&A for DOS	qa, qw, dtf	Version 2.0	
Q&A Write for Windows	dtf	Version 3.0	
Samna Word	sam, sm	Versions through Samna Word IV+	
SmartWare II	smt	Version 1.02	
Sprint	spr	Version 1.0	
Text Mail (MIME)		No specific version	
Total Word	tw	Version 1.2	
Unicode Text	txt	All versions	
Volkswriter 3 & 4	vw	Versions through 1.0	
Wang PC	iwp	Versions through 2.6	
WML		Compatible with WML specification 5/2	
WordMARC	wmc	Versions through Composer Plus	
WordStar 2000 for DOS	ws1, ws2, ws3	Versions through 3.0	
WordStar for DOS	ws	Versions through 7.0	
WordStar for Windows	ws, wst, wsd	Version 1.0	
XyWrite	xy3, xyp, xyw	Versions through III Plus	
<b>Spreadsheet Formats</b>			
Enable	300, wpf, ssf, dbf	Versions 3.0, 4.0 and 4.5	
First Choice	ss, fol	Versions through 3.0	
Framework	fw3	Version 3.0	
Lotus 1-2-3 (DOS & Windows)	wku, wk1, wk2, wk3, wk4, wk5, wki, wks	Versions through 5.0	
Lotus 1-2-3 for SmartSuite	wku, wk1, wk2, wk3, wk4, wk5, wki, wks	SmartSuite 97and Millennium	
Lotus 1-2-3 Charts (DOS & Windows)	wku, wk1, wk2, wk3, wk4, wk5, wki, wks	Versions through 5.0	
Lotus 1-2-3 (OS/2)	wku, wk1, wk2	Versions through 2.0	
Lotus 1-2-3 Charts (OS/2)	wku, wk1, wk2	Versions through 2.0	
Lotus Symphony	wr1	Versions 1.0,1.1 and 2.0	
Microsoft Excel for Macintosh	xls	Versions 3.0 through 4.0, 98	
Microsoft Excel for Windows	xls, xlw	Versions 2.2 through 2000	
Microsoft Excel Charts	xlc	Versions 2.x through 7.0	
Microsoft Multiplan	col, cod, mod	Version 4.0	
Microsoft Works for Windows	wps, wks	Versions through 4.0	
Microsoft Works (DOS)	wps, wks, wdb, wcm	Versions through 2.0	
Microsoft Works (Macintosh)	wps, wks, wdb, wcm	Versions through 2.0	
Mosaic Twin	wku	Version 2.5	
Novell Perfect Works		Version 2.0	
PFS:Professional Plan	tid	Version 1.0	

QuattroPro for DOS	wkq, wq1	Versions through 5.0	
QuattroPro for Windows	wb1, wb2, wk3	Versions through 9.0	
SmartWare II	def, smt	Version 1.02	
StarOffice Calc for Windows and UNIX	text only	Version 5.2	
SuperCalc 5	cal	Version 4.0	
VP Planner 3D	np	Version 1.0	
<b>Database Formats</b>			
Access	mdb	Versions through 2.0	
DBASE	dbf	Versions through 5.0	
DataEase	dba, dbm, dql	Version 4.x	
dBXL	dbf	Version 1.3	
Enable	300, wpf, ssf, dbf	Versions 3.0, 4.0 and 4.5	
First Choice	pfc	Versions through 3.0	
FoxBase	fmt, dbt, fox, inx, dbf	Version 2.1	
Framework	fwk, fw, fw2, fw3	Version 3.0	
Microsoft Works (DOS)	wdb, wks	Versions through 2.0	
Microsoft Works (Macintosh)	wdb, wks	Versions through 2.0	
Microsoft Works for Windows	wdb, wks, dbf	Versions through 4.0	
Paradox (DOS)	fsl, db, px	Versions through 4.0	
Paradox (Windows)	fsl, db, px	Versions through 1.0	
Personal R:BASE	rbf	Version 1.0	
R:BASE 5000	rbf, dbf	Versions through 3.1	
R:BASE System V	rbf	Version 1.0	
Reflex	r2d	Version 2.0	
Q & A	qa, qw, dtf	Versions through 2.0	
SmartWare II	db, def, smt	Version 1.02	
<b>Graphic Formats</b>			
Adobe FrameMaker Graphics	fmv	Version 5.0	
Adobe Illustrator File Format	ai	Versions through 9.0	
Adobe Photoshop File Format	psd	Version 4.0	
Adobe Portable Document Format	pdf	Versions 2.1, 3.0, 4.0	
AmiDraw Format	sdw		
AutoCAD Interchange Format	dxf	Versions 12 through 14	
AutoCAD Native Drawing Format	dwg	Versions 12 through 14	
Binary Group 3 Fax		All Versions	
Bitmap Format	bmp, rle, ico, cur, OS/2, dib, & warp	Windows	
CALS Raster Format	gp4	Type I and Type 2	
Corel Draw	cdr	Versions 6.0 through 8.0	
Corel Draw	cdr with tiff header	Versions 2.0 through 9.0	
Computer Graphics Metafile	cgm	ANSI, CALS NIST versions 3.0	
Encapsulated PostScript	eps	tiff header only	
GEM Paint	img	No specific version	
Graphics Environment Manager	gem	Bitmap and vector	
Graphics Interface Format	gif	No specific version	
Hewlett Packard Graphics Language	hpgl	Version 2.0	

IBM Graphics Data Format	gdm	Version 1.0	
IBM Picture Interchange Format	pif	Version 1.0	
Initial Graphics Exchange Specification	iges	Version 5.1	
JFIF (jpeg not in tiff format)	jfif	All Versions	
JPEG (including EXIF)	jpeg	No specific version	
Kodak Flashpix	fpx	No specific version	
Kodak Photo CD	pcd	Version 1.0	
Lotus PIC	pic	No specific version	
Lotus Snapshot		All versions	
Macintosh PICT1 and PICT2	pict	Bitmap only	
MacPaint	pntg	No specific version	
Micrografx Draw	drw	Versions through 4.0	
Micrografx Designer	drw	Versions through 3.1	
Micrografx Designer	dsf	Windows 95, Version 6.0	
Novell PerfectWorks	draw	Version 2.0	
OS/2 Bitmap	bmp	All versions	
OS/2 PM Metafile	pmf	Version 3.0	
Paint Shop Pro	psp	Version 5.0 and 5.01	
Paint Shop Pro 6	psp	Win 32 only	
PC Paintbrush Format Acrobat	pcx, dcx	No specific version	
Portable Bitmap	pbm	All versions	
Portable Graymap	pgm	No specific version	
Portable Network Graphics	png	Version 1.0	
Portable Pixmap	ppm	No specific version	
PostScript	ps	Level 2	
Progressive JPEG	jpeg	No specific version	
Sun Raster	srs	No specific version	
TIFF	tiff	Versions through 6	
TIFF CCITT Group 3 & 4	tiff	Versions through 6	
Truevision TGA	targa	Version 2	
Visio (preview)		Version 4	
Visio		Version 5, 2000 and 2002	
WBMP		No specific version	
Windows Enhanced Metafile	emf	No specific version	
Windows Metafile	wmf	No specific version	
WordPerfect Graphics	wpg, wpg2	Versions through 2.0	
X-Windows Bitmap	xbm	x10 compatible	
X-Windows Dump	xdm	x10 compatible	
X-Windows Pixmap	xpm	x10 compatible	
<b>Presentation Formats</b>			
Corel Presentations	shw	Version 8.0 and 9.0	
Novell Presentations	cpr	Versions 3.0 and 7.0	
Harvard Graphics for DOS	hgs, cht, ch3, prs	Versions 2.x & 3.x	
Harvard Graphics	hgs, cht, ch3, prs	Windows versions	
Freelance for Windows	flw, shw, drw, pre	Version 1.0, 2.0, 96, 97 and Millennium	
Freelance for OS/2	flw, shw, drw, pre	Versions through 2.0	
Microsoft PowerPoint for Windows	ppt	Versions through 2000	

Microsoft PowerPoint for Macintosh	ppt	Versions 4.0, 98	
StarOffice Impress for Windows and UNIX	text only	Versions 5.2	
<b>Compressed Formats</b>			
LZA self-extracting compress	lza	No specific version	
LZH compress	lzh	No specific version	
Microsoft Binder		Versions 7.0 - 9.7	
MIME Text Mail		No specific version	
UUEncode		No specific version	
UNIX Compress		No specific version	
UNIX TAR		No specific version	
ZIP	zip	PKWARE versions through 2.04g	
<b>Other Formats</b>			
Microsoft Outlook Message	msg	Text only	
Microsoft Project		Windows 98, text only	
vCard		Version 2.1	