RECOMMIND®

Supported Data Formats

Recommind CORE 5.15

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Contents

1 Supported Data Formats

Recommind CORE supports indexing and retrieval, including conceptual search, for all data formats listed in this section.

ⓘ Support of certain formats depends on the use case and must be assessed and set up by Recommind Professional Services. Please consult with Recommind Support.

Additional formats to the ones listed here might be supported, but need testing for the specific use case and additional configuration.

ⓘ The MIME types are assigned for mapping purposes within Recommind CORE only. They are usually, but not necessarily compatible with the official registry of media types maintained by IANA.

Data Display

All formats that can be processed can also be displayed in document views of the different user interfaces. Look at the tables preceded by this title: "Data is processed and can be displayed".

Display in the BRAVA third party plug-in

The plug-in is part of Axcelerate 5. These native file formats can be transformed into display format by BRAVA 7.5 :

- files with IANA `text\plain` MIME type (mostly with TXT extension)
- files with IANA `application\acad` MIME type (2D CAD files, mostly with dwg extension)
- and files with these extensions:

  - PDF
  - BMP
  - GIF
  - JPEG
  - PNG
  - TIFF
  - WMF

The other formats are converted internally and then displayed by the BRAVA third party plug-in. Microsoft Word, Excel and PowerPoint files are converted using their

native applications. Chat XML documents are converted internally by the CORE system. All other formats are converted using Oracle OutsideIn.

1.1 Archive Formats

Format	Common extensions	MIME type	Comments
7-zip Compressed File	7z	application/x-7z-compressed	
ACE Archive	ace	application/x-ace-compressed	The format can be detected correctly, but is not processed by default.
ARC	arc	application/arc	
ARJ Compressed Archive File	arj	application/x-arj application/arj	
BZIP2 Compressed Archive Format	bzip2, bz2	application/x-bzip2	Only the first part of a split archive is loaded. Additional parts generate errors.
Debian Software Package	deb	application/x-debian-binary	
DMG Apple Disk Copy Disk Image File		multipart/dmg	Not available by default. Needs additional configuration.
eXtensible ARchiver (xar)		application/x-xar	
GNU tar Compressed File Archive	tar	application/x-tar	
Gzip Compressed Archive	gzip	application/x-gzip	
ISO-9660 CD Disc Image		multipart/iso	
LZH Compressed Archive File	z, lzh	application/x-compress	
Microsoft Cabinet File	cab	application/vnd.ms-cab-compressed	

Format	Common extensions	MIME type	Comments
Microsoft Compiled Help File	chm	application/vnd.ms-chm-file	Not available by default. Needs additional configuration.
Microsoft Windows Imaging File Format		application/vnd.ms-imaging	
Microsoft Windows Installer File	msi	application/ms-installer	The format can be detected correctly, but cannot be processed. There is no data extracted.
RAR Compressed Archive File	rar	application/rar	
RPM Package Manager	rpm	audio/x-pn-realaudio-plug-in (sic!)	Not available by default. Needs additional configuration.
SIT	sit	application/x-stuffit	The format can be detected correctly, but cannot be processed. There is no data extracted.
UNIX CPIO Archive	cpio	application/x-cpio	Not available by default. Needs additional configuration.
Uuencode	uue	application/uue	
XZ Utils Compressed Archive	xz	application/x-xz	
Z Compressed Archive File	z	application/z	
ZIP Compressed Archive File	zip	application/zip application/x-winzip	
ZOO	zoo	application/x-zoo	The format can be detected correctly, but cannot be processed. There is no data extracted.

1.2   Bloomberg Formats

Table 1: Data is processed and can be displayed

Format	Common extensions	MIME type	Comments
Bloomberg TXT export archives	zip, tar, tgz	archive/bloomberg	
Bloomberg email in TXT and XML export archives		message/rfc822	(converted into EML file during data loading)
Bloomberg chats in TXT and XML export archives		text/chatxml	(converted into XML file during data loading)

1.3   Database Formats

Table 2: Data is processed and can be displayed

Format	Common extensions	MIME type	Comments
DBase III, IV, V	dbf	application/x-dbase	
First Choice DB. through 3.0	fol	database/x-firstchoice	
Microsoft Access 1.0, 2.0, 95-2013	mda	application/vnd.ms-access	text only
Microsoft Works DB for DOS 2.0	wps	application/vnd.ms-works	
Microsoft Works DB for Macintosh 2.0	wps	application/vnd.ms-works	
Microsoft Works DB for Windows 3.0	wps	application/vnd.ms-works	
Microsoft Works DB for Windows 4.0	wps	application/vnd.ms-works	
Paradox 2.0 – 4.0		application/paradox	

Format	Common extensions	MIME type	Comments
Paradox for Windows 1.0		application/paradox	
Q&A Database. through 2.0	dtf	database/x-qa	
R:Base R:Base 5000	rb4	database/rbase	
R:Base R:Base System V	rb4	database/rbase	
Reflex 2.0	rfx	database/reflex	
SmartWare II DB 1.02	db	database/x-smartdata	

Table 3: Format is detected, but data cannot be processed

Format	Common extensions	MIME type	Comments
Microsoft Access Report Snapshot 2000-2003	mda	application/vnd.ms-access	The format can be detected correctly, but cannot be processed. There is no data extracted.

1.4 Email Formats

Table 4: Data is processed and can be displayed

Format	Common extensions	MIME type	Comments
Common Store Native	csn	application/csn	IBM eDiscovery libraries are needed.
EML Text Email	eml	message/rfc822	
Encoded mail messages MHT	mht, mhtml	text/mhtml	
Encoded mail messages TNEF	tnef	application/ms-tnef	
EML with Digital Signature	eml	message/rfc822	

Format	Common extensions	MIME type	Comments
EML with S/MIME encryption	eml		The appropriate certificates for decryption are required.
IBM Lotus Notes Domino XML Language DXL 8.5	dxl, xml	application/x-dxlfile	
IBM Lotus Notes NSF	nsf	application/vnd.lotus-notes	File type detection works without IBM Lotus Notes, parsing needs installed IBM Lotus Notes.
MBOX Text Email Archive	mbox	application/mbox	
Microsoft Outlook Express EML	eml	message/rfc822	
Microsoft Outlook Express DBX	dbx	application/dbx	
Microsoft Outlook MSG	msg	application/msoutlook application/msoutlookarchive	
MSG with Digital Signature (S/MIME)	msg		The appropriate certificates for decryption are required.
Microsoft Outlook for Mac 2011	olm	application/olm	Only OLM export files are supported after enabling the OLM parser, which is disabled by default.
Microsoft Outlook OST	ost	application/msoutlookarchive	
Microsoft Outlook PST 97 / 98	pst	application/msoutlookarchive	
Microsoft Outlook PST 2000	pst	application/msoutlookarchive	
Microsoft Outlook PST 2001 Mac	pst	application/msoutlookarchive	

Format	Common extensions	MIME type	Comments
Microsoft Outlook PST 2002	pst	application/msoutlookarchive	
Microsoft Outlook PST 2003	pst	application/msoutlookarchive	
Microsoft Outlook PST 2007	pst	application/msoutlookarchive	
Microsoft Outlook PST 2010	pst	application/msoutlookarchive	
Microsoft Outlook PST 2013	pst	application/msoutlookarchive	Only supported if Microsoft Outlook 2013 is used for data loading.

i Support of the following email formats depends on the use case and must be assessed and set up by Recommind Professional Services.

- Apple Inc. OS X Tiger Mail EMLX
- Eudora Mailbox
- Microsoft Entourage items archive RGE (Text, metadata - not folder structure)
- Microsoft Outlook Express enhanced support
- MSF Index of mail messages stored in a variety of email programs, including Netscape Mail and Mozilla Thunderbird
- SNM Index of messages stored in a Netscape Messenger or Collabra mailbox

1.5 Multimedia Formats

By default, all multimedia formats are filtered and not loaded at all.

1.6 Presentation Formats

Table 5: Data is processed and can be displayed

Format	Common extensions	MIME type	Comments
LibreOffice 4.0 Impress	odp	application/vnd.oasis.open-document.presentation	
Microsoft PowerPoint for Macintosh 4.0 – 2011	ppt, pptx	aplication/vnd.ms-powerpoint	
Microsoft PowerPoint for Windows 3.0 – 2007	ppt, pptx	application/vnd.ms-power-point	
Microsoft PowerPoint for Windows 2010	pptx	application/vnd.ms-power-point	
Microsoft PowerPoint 2013	pptx	application/vnd.ms-power-point	
Microsoft PowerPoint for Windows Slideshow 2007 – 2010	pptx	application/vnd.ms-power-point	
Microsoft PowerPoint for Windows Template 2007 – 2010	pptx	application/vnd.ms-power-point	
Oracle Open Office Impress 3.x	odp, sxi	application/vnd.oasis.open-document.presentation	
StarOffice Impress 5.2 - 8.0	odp, sxi	application/x-starimpress	
StarOffice Impress 9.0	odp, sxi	application/x-starimpress	
WordPerfect Presentations 5.1 - X6	wpd	application/wordperfect	

Table 6: Format is detected, but data cannot be processed

Format	Common extensions	MIME type	Comments
Harvard Graphics Presentation DOS 3.0		image/vnd.harvard-graphics	The format can be detected correctly, but cannot be processed. There is no data extracted.
IBM Lotus Symphony Presentations 1.x		application/vnd.symphony	The format can be detected correctly, but cannot be processed. There is no data extracted.
Lotus Freelance		application/vnd.lotus-freelance	The format can be detected correctly, but cannot be processed. There is no data extracted.
Microsoft PowerPoint 2013 Preview	pptx	application/vnd.ms-powerpoint	The format can be detected correctly, but cannot be processed. There is no data extracted.

1.7 Raster Image Formats

All detected raster image formats are filtered by default. The following table lists the raster image formats that can be detected.

Table 7: Data is processed and can be displayed

Format	Common extensions	MIME type	Comments
Adobe Photoshop 4.0		application/photoshop	
Adobe Photoshop 6.0		application/photoshop	

Format	Common extensions	MIME type	Comments
Adobe Photoshop XMP only 8.0 – 10.0 (CS 1 – 5)	xmp	application/photoshop	
CALS Raster (GP4) Type I		image/cals	
CALS Raster (GP4) Type II		image/cals	
Encapsulated PostScript (EPS)	eps	application/postscript	TIFF header only
GEM Image (Bitmap)	bmp	image/bmp	
Graphics Interchange Format (GIF)	gif	image/gif	
IBM Graphics Data Format (GDF) 1.0	gdf	image/x-ibm-gdf	
IBM Picture Interchange Format 1.0	pif	application/x-ibm-pif	
JBIG2 Graphic Embeddings in PDF		image/jbig2	
JFIF (JPEG not in TIFF format)	jpeg, jpg	image/jpeg	
JPEG	jpepg, jpg	image/jpeg	
JPEG 2000 (JP2)	jp2	image/jp2	
Kodak Photo CD 1.0		image/x-photo-cd	
Lotus PIC		application/x-lotus-pic	
Lotus Snapshot		application/vnd.lotus-screencam	
Macintosh PICT BMP only		image/pict	
Macintosh PICT2 BMP only		image/MACpict2	
MacPaint		application/x-beyond2020	
Microsoft Windows Cursor	cur	image/x-win-bitmap	
Microsoft Windows Icon	ico, icon	image/x-win-bitmap	
OS/2 Warp Bitmap		image/x-os2-warp-bitmap	
Paint Shop Pro (Win32 only) 5.0, 6.0		image/bmp	

Format	Common extensions	MIME type	Comments
PC Paintbrush (PCX)	pcx	image/pcx	
PC Paintbrush DCX (multi-page PCX)	pcx	image/dcx	
Portable Bitmap (PBM)	pbm	image/x-portable-bitmap	
Portable Graymap PGM	pgm	image/x-portable-graymap	
Portable Network Graphics (PNG)	png	image/png	
Portable Pixmap (PPM)	ppm	image/x-portable-pixmap	
Progressive JPEG	jpeg	image/jpeg	
StarOffice Draw 6.x, 7.x, 8.0		application/x-stardraw	
StarOffice Draw 9.0		application/x-stardraw	
Sun Raster		image/sun-raster	
TIFF Group 5 TIFF Group 6	tif, tiff	image/tiff	
TruVision TGA (Targa) 2.0	tga	image/targa	
WBMP wireless graphics format	wbmp	image/vnd.wap.wbmp	
Word Perfect Graphics 1.0, 2.0		application/wordperfect	
Word Perfect Graphics 7.0, 8.0, 9.0, 10.0		application/wordperfect	
X-Windows Bitmap x10 compatible		image/x-xbitmap	
X-Windows Dump x10 compatible		image/x-xwindowdump	
X-Windows Pixmap x10 compatible		image/x-xpixmap	

1.8   Spreadsheet Formats

Table 8: Data is processed and can be displayed

Format	Common extensions	MIME type	Comments
LibreOffice 4.0 Calc	ods	application/vnd.oasis.open-document.text	
Lotus 1-2-3 through Millennium 9.6	123	application/x-lotus123	
Lotus 1-2-3 Millennium 9.8	123	application/x-lotus123	
Lotus 1-2-3 for OS/2 2.0	123	application/x-lotus123	
Microsoft Excel 2003 XML	xmls	application/vnd.ms-excel	
Microsoft Excel Charts 2.x - 7.0 Chart	xls	application/vnd.ms-excel	
Microsoft Excel for Windows 3.0, 4.0, 5.0	xls	application/vnd.ms-excel	
Microsoft Excel for Windows 97 (8.0)	xls	application/vnd.ms-excel	
Microsoft Excel for Windows 2000, 2002 (XP), 2003, 2007	xls	application/vnd.ms-excel	
Microsoft Excel for Windows 2010	xlsx	application/vnd.ms-excel	
Microsoft Excel for Windows 2013	xlsx	application/vnd.ms-excel	
Microsoft Excel for Windows (text only) 2003 XML	xmls	application/vnd.ms-excel	
Microsoft Excel for Windows (.xlsb) 2007 – 2010 (Binary)	xlsb	application/vnd.ms-excel	
QuattroPro for Windows 5.0 - 12.0	wp3	application/vnd.quattro-pro	

Table 9: Format is detected, but data cannot be processed

Format	Common extensions	MIME type	Comments
Enable Spreadsheet 3.0, 4.0, 5.0	ssf	application/x-enable	MIME type detection only; filtered by default configuration
First Choice SS through 3.0	ss	application/x-first-choice	MIME type detection only; filtered by default configuration
Framework SS 3.0	fw3	database/x-framework	MIME type detection only; filtered by default configuration
IBM Lotus Symphony Spreadsheets 1.x		application/vnd.symphony	MIME type detection only; filtered by default configuration
Kingsoft WPS Spreadsheets 2010	wps	application/x-msworks-wp	MIME type detection only; filtered by default configuration
Microsoft Works SS for Macintosh 2.0	wps	application/vnd.ms-works	MIME type detection only; filtered by default configuration
Microsoft Works SS for Windows 3.0, 4.0	wps	application/vnd.ms-works	MIME type detection only; filtered by default configuration
Multiplan 4.0	mod	application/x-ms-multiplan	MIME type detection only; filtered by default configuration
OpenOffice Calc 1.1	sxc	application/vnd.sun.xml.calc	MIME type detection only; filtered by default configuration
OpenOffice Calc 2.0	ods	application/vnd.oasis.opendocument.spreadsheet	MIME type detection only; filtered by default configuration
OpenOffice Calc 3.0	sxc	application/vnd.sun.xml.calc	MIME type detection only; filtered by default configuration

Format	Common extensions	MIME type	Comments
Oracle Open Office Calc 3.x	ods	application/vnd.oasis.open-document.text	MIME type detection only; filtered by default configuration
PFS: Plan 1.0	pl	application/x-pfs-plan	MIME type detection only; filtered by default configuration
Smart Ware Spreadsheet	ws	application/x-smartware	MIME type detection only; filtered by default configuration
StarOffice Calc 5.2, 6.x, 7.x, 8.0, 9.0	sdc	application/x-starcalc	MIME type detection only; filtered by default configuration
SuperCalc 5.0	cal	application/x-supercalc5	MIME type detection only; filtered by default configuration
Symphony 1.0, 1.1, 2.0		application/vnd.symphony	MIME type detection only; filtered by default configuration
VP-Planner 1.0	wks	application/x-vp-planner	MIME type detection only; filtered by default configuration

1.9 Text And Markup Formats

Table 10: Data is processed and can be displayed

Format	Common extensions	MIME type	Comments
ANSI Text 7 and 8 bit	txt	text/plain	
ASCII Text 7 and 8 bit	txt	text/plain	
EBCDIC	txt	application/ebcdic	

Format	Common extensions	MIME type	Comments
HTML 1.0, 2.0, 3.2, 4.0	html, html	text/html	CSS rendering not supported
Rich Text Format (RTF)	rtf	text/rtf	
SGML	sgml	any MIME type containing "xml" or "sgml"	
Trillian Text Log File 4.2	tsz	application/trillian	
Unicode Text 3.0, 4.0	txt	text/plain	
UTF-8	txt	text/plain	
vCalendar. 2.1	txt	text/calendar	
vCard 2.1	vcf	text/x-vcard	
XML	xml	text/xml	text only

Table 11: Format is detected, but data cannot be processed

Format	Common extensions	MIME type	Comments
IBM DCA/RFT		application/dca-rft	MIME type detection only; filtered by default configuration
Trillian XML Log File 4.2	xml	application/trillian	The format can be detected correctly, but cannot be processed by default.

1.10 Vector Image Formats

Table 12: Data is processed and can be displayed

Format	Common extensions	MIME type	Comments
Adobe Illustrator 4.0 – 7.0, 9.0	ai	application/illustrator	

Format	Common extensions	MIME type	Comments
Adobe Illustrator CS 1 – CS 6	ai	application/illustrator	XMP only
Adobe InDesign CS 1 – CS 6	indd	application/x-indesign	XMP only
Adobe InDesign Interchange		application/x-indesign	XMP only
Adobe PDF 1.0 – 1.7 (Acrobat 1 – 9)	pdf	application/pdf	
Adobe PDF 1.0 – 1.7 (Acrobat 10)	pdf	application/pdf	
Adobe PDF Package 1.7 (Acrobat 8 – 10)	pdf	application/pdf	
Adobe PDF Portfolio 1.7 (Acrobat 8 – 10)	pdf	application/pdf	
Ami Draw SDW		image/x-amipro	
AutoCAD Drawing 2.5, 2.6		application/acad	
AutoCAD Drawing 9.0 - 14.0	dwg	application/acad	
AutoShade Rendering 2.0	rnd	application/x-autoshade	
AutoCAD Drawing 2000i – 2007		application/acad	
AutoCAD Drawing 2008 – 2013		application/acad	
Corel Draw 2.0 - 9.0	cdr	application/x-coreldraw	
Corel Draw Clipart 5.0, 7.0	cdr	application/x-coreldraw	
FrameMaker Graphics (FMV) through 5.0	mif	application/x-framemaker	
Gem File (Vector)	bmp	image/bmp	
Harvard Graphics Chart DOS 2.0, 3.0		image/vnd.harvard-graphics	
Harvard Graphics for Windows		image/vnd.harvard-graphics	
HP Graphics Language 2.0		application/vnd.hp-hpgl	

Format	Common extensions	MIME type	Comments
IGES Drawing 5.1, 5.2, 5.3		application/iges	
LibreOffice 4.0 Draw	odg	appplication/vnd.oasis.opendocument.graphics	
Micrografx Designer 6.0		image/x-mgx-dsf	
Micrografx Designer through 3.1		image/x-mgx-dsf	
Micrografx Drawing Products through 4.0		image/x-mgx-dsf	
Microsoft XPS		application/vnd.ms-xpsdocument	Text only
OpenOffice Draw 1.1 – 3.0	sdx	application/vnd.sun.xml.draw	
Oracle Open Office Draw 3.x	odg	application/vnd.oasis.opendocument.graphics	
Solidworks Drawings 2D, versions 97 - 2014	dwg	application/acad	
Visio 5.0 – 20013	vsd	application/vnd.visio	
Visio (Page Preview mode only WMF/EMF) 4	vdx	application/vnd.visio.xml	
Windows Metafile	wmf	image/vnd.windows-metafile	

1.11   Word Processing Formats

Table 13: Data is processed and can be displayed

Format	Common extensions	MIME type	Comment
Adobe FrameMaker (MIF only) 3.0 - 6.0		application/vnd.framemaker	

Format	Common extensions	MIME type	Comment
Adobe Illustrator Postscript Level 2		application/illustrator	
Ami	sam	application/x-amipro	
Ami Pro for OS2	san	application/x-amipro	
Ami Pro for Windows 2.0, 3.0	sam	application/x-amipro	
DEC DX through 4.0		application/dec-dx	
DEC DX Plus through 4.0, 4.1		application/dec-dx	
Enable Word Processor 3.0 – 4.5	en3, en4	application/ewp	
First Choice WP 1.0, 3.0	txt	text/plain	
Hangul 97 – 2010	txt	text/plain	
IBM DCA/FFT	fft	text/x-ibm-fft	
IBM DisplayWrite 2.0-5.0	txt	text/x-displaywrite application/x-display-write application/x-display-write5	
IBM Writing Assistant 1.01	iwa	application/x-ibmwritingassistant	
Ichitaro 5.0, 6.0, 8.0 – 13.0, 2004, 2010	jaw	application/x-ichitaro4 application/x-ichitaro8	
JustWrite through 3.0	jw	application/x-justwrite application/x-justwrite2 application/x-justwrite3	
Kingsoft WPS Writer 2010	wps	application/x-msworks-wp	
Legacy 1.1	leg	application/x-legacy	

Format	Common extensions	MIME type	Comment
LibreOffice 4.0 Writer	odt	application/vnd.oasis.open-document.text	
Lotus Manuscript through 2.0		application/x-lotus-manuscript	
Lotus WordPro 9.7, 96-Millennium 9.8		application/vnd.lotus-wordpro	text only
MacWrite II 1.1		application/macwriteii	
Mass 11 through 8.0	m11	application/x-mass-11	
Microsoft Word 2003 XML	xml	text/xml	text only
Microsoft Word for DOS 4.0-6.0	doc	application/msword	
Microsoft Word for Macintosh 4.0-6.0,98-2011	doc, docx	application/msword	
Microsoft Word for Windows 1.0-2013	doc, docx	application/msword	
Microsoft Word for Windows 98-J	doc	application/msword	
Microsoft WordPad		application/word	
Microsoft Works WP for DOS 2.0	wps	application/vnd.ms-works	
Microsoft Works WP for Macintosh 2.0	wps	application/vnd.ms-works	
Microsoft Works WP for Windows 3.0, 4.0	wps	application/vnd.ms-works	
Microsoft Write for Windows 1.0-3.0	wps	application/vnd.ms-works	
MultiMate through 4.0	dox, fnx	application/x-multi-mate application/x-multi-mate-note	
MultiMate Advantage 2.0	txt	text/plain	

Format	Common extensions	MIME type	Comment
Navy DIF	dif	application/x-navy	
Novell PerfectWorks Word Processor 2.0	wpw	application/x-perfectworks	
OpenOffice Writer 1.1-3.0	sxw	application/vnd.sun.xml.writer application/vnd.oasis.opendocument.text	
Oracle Open Office Writer 3.x	odt	application/vnd.oasis.opendocument.text	
PC File Doc 5.0	ltr	application/x-pcfile-letter	
Professional Write for DOS 1.0, 2.0	pfs	application/x-pfsprofessionalwrite	
Professional Write Plus for Windows 1.0	pfs	application/x-pfsprofessionalwrite	
Q&A Write 2.0, 3.0	qa, qw	application/x-qa-write	
Samna Word IV 1.0-3.0	sam	application/x-amipro	
Samna Word IV+	sam	application/x-amipro	
SmartWare II WP 1.02	smt	application/x-smartII	
Sprint 1.0		application/Sprint	
StarOffice Writer (text only) 5.2-9.0	sdw, sxw	application/x-starwriter application/vnd.sun.xml.writer	
Total Word 1.2	tw	application/x-totalword	
Wang IWP through 2.6	iwp	application/x-wang-iwp	
WordMarc Composer		application/marc	
WordMarc Composer+		application/marc	
WordMarc Word Processor		application/marc	
WordPerfect for DOS 4.2	wpd	application/wordperfect	

Format	Common extensions	MIME type	Comment
WordPerfect for Macintosh 1.02-3.1	wpd	application/wordperfect	
WordPerfect for Windows 5.1-X3	wpd	application/wordperfect	
WordPerfect for Windows X5	wpd	application/wordperfect	
WordPerfect for Windows X6	wpd	application/wordperfect	
Wordstar 2000 for DOS 1.0-3.0		application/vnd.wordstar	
Wordstar for DOS 3.0-7.0		application/vnd.wordstar	
Wordstar for Windows 1.0		application/vnd.wordstar	

Table 14: Format is detected, but data cannot be processed

Format	Common extensions	MIME type	Comment
Microsoft Publisher 2003-2007	pub	application/x-mspublisher	The format can be detected correctly, but cannot be processed. There is no data extracted.
Samsung JungUm Global	gul	application/jungum	The format can be detected correctly, but cannot be processed. There is no data extracted.

1.12 Other Formats

Table 15: Data is processed and can be displayed

Format	Common extensions	MIME type	Comments
AccessData FTK (Forensic Toolkit)	e01, ad1	(not assigned)	We use Mount Image Pro and support any version that is supported by the utilized version of MIP. This will need additional configuration for full support.
EnCase Forensic File	e01, L01, Ex01	application/encase	We use Mount Image Pro and support any version that is supported by the utilized version of MIP.
Flash 6.x, 7.x; Flash Lite	swf	application/x-shockwave-flash	text extraction only
ISO CD and DVD Images		multipart/iso	
Microsoft Live Messenger 10	ctt	application/livemessenger	via XML filter
Microsoft OneNote 2007, 2010 , 2013	one	application/onenote	text only
Microsoft Project 98-2003, 2007-2010	mpp	application/vnd.ms-project	table view only
Microsoft Windows Executable		application/exe	
Yahoo! Messenger 6.X-8.0	bin	application/octet-stream	
Any format containing plain text		configurable	Any byte will be interpreted as text.

Table 16: Format is detected, but data cannot be processed

Format	Common extensions	MIME type	Comments
PGP encrypted content		application/pgp-encrypted application/pgp-signature	The format can be detected correctly, but cannot be processed. There is no data extracted.