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File Formats for Data Management Plans

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Formats for Data Management Plans

To assist grant applicants in preparing their data management plans, we provide the following information about digital file formats and the ability to use those formats for preservation or to migrate them forward to future file formats. (We thank our colleagues at Willamette University for providing much of this framework.) We have identified three tiers of support:

> Tier 1: Our highest level of support, for preservation and future migration. Formats are recognized, and we believe that bitstreams of these formats can be migrated to future formats, if necessary, to ensure ongoing usability.
>
> Tier 2: Our intermediate level of support, for preservation as-is. Formats are recognized, usually proprietary, and can be preserved as-is to allow retrieval, but future usability is not guaranteed.
>
> Tier 3: Our lowest level of support. Formats may be unrecognized. We may attempt to preserve the bitstream as-is to allow for future retrieval, but future retrieval and usability are not guaranteed.

Assistance in converting from lower tiers to higher tiers is available. Contact the DigitalCommons Coordinator for additional information. You may also wish to refer to our Digitization Standards for DigitalCommons@Linfield.

The list of MIME types is not exhaustive, so contact the DigitalCommons Coordinator if you have questions about a MIME type that is not listed here. Please note that not all extensions in use for a particular file format may be indicated.

MIME Type	Description	Extension(s)	Support Tier
application/epub+zip	EPUB	epub	1
application/marc	MARC	marc; mrc	1
application/mathematica	Mathematica	ma; mb; nb	2
application/msword	Microsoft Word	doc; dot	2
application/octet-stream	Unknown application	multiple	3
application/pdf	Adobe PDF	pdf	1
application/postscript	Postscript	ai; eps; ps	3
application/rtf	RTF	rtf	1
application/sgml	SGML	sgm; sgml	1
application/vnd.ms-excel	Microsoft Excel	xla; xlc; xlm; xls; xlt; xlw	2
application/vnd.ms-outlook	Microsoft Outlook	msg	2
application/vnd.ms-powerpoint	Microsoft PowerPoint	pot; pps; ppt	2
application/vnd.ms-project	Microsoft Project	mpd; mpp; mpx	2
application/vnd.visio	Microsoft Visio	vsd	2
application/wordperfect 5.1	WordPerfect	wpd	2
application/x-dvi	TeXdvi	dvi	2
application/x-filemaker	FileMaker Pro	fm; fp3, fp5; fp7	2
application/x-latex	LateX	latex	2
application/x-msaccess	Microsoft Access	mdb	2
application/x-mspublisher	Microsoft Publisher	pub	2
application/x-photoshop	Photoshop	pdb; pdd; psb; psd	2
application/x-shockwave-flash	Adobe Flash	swf	2
application/x-tex	TeX	tex	2
audio/x-aiff	AIFF	aif; aifc; aiff	1
audio/basic	audio/basic	au; snd	2
audio/x-mpeg	MPEG Audio	abs; mp3; mpa; mpeg	1
audio/x-pn-realaudio	RealAudio	ra; ram	2
audio/x-wav	WAV	wav	1
image/gif	GIF	gif	1
image/jpeg	JPEG	jpe; jpeg; jpg	1
image/png	PNG	png	1
image/tiff	TIFF	tif; tiff	1
image/bmp	BMP	bmp	2
image/x-photo-cd	Photo CD	pcd	2
text/html	HTML	htm; html; stm	1
text/plain	Text	txt	1
text/xml	XML	xml	1
video/mpeg	MPEG Video	mpe; mpeg; mpg	1
video/quicktime	Quicktime Video	mov; qt	2