

Conversion Software (Ubuntu)

Name	Data Types	command	Input Formats	Output Formats	Interface	URL	Notes	Inclusion in DAP
ImageMagick	images	display.im6	DPX, EXR, GIF, JPEG, JPEG-2000, PDF, PNG, Postscript, SVG, and TIFF	DPX, EXR, GIF, JPEG, JPEG-2000, PDF, PNG, Postscript, SVG, and TIFF	GUI	http://www.imagemagick.org	Create, edit, compose, or convert bitmap images. Read and write images in a variety of formats (over 100). For a complete listing of which image formats are supported on your system, type: \$ > identify - list format	
ImageMagick	images	convert	DPX, EXR, GIF, JPEG, JPEG-2000, PDF, PNG, Postscript, SVG, and TIFF	DPX, EXR, GIF, JPEG, JPEG-2000, PDF, PNG, Postscript, SVG, and TIFF	Command-line	http://www.imagemagick.org/script/convert.php	convert between image formats as well as resize an image, blur, crop, despeckle, dither, draw on, flip, join, re-sample, and much more	Complete
ImageMagick	images	mogrify	DPX, EXR, GIF, JPEG, JPEG-2000, PDF, PNG, Postscript, SVG, and TIFF	DPX, EXR, GIF, JPEG, JPEG-2000, PDF, PNG, Postscript, SVG, and TIFF	Command-line	http://www.imagemagick.org/www/mogrify.html	resize an image, blur, crop, despeckle, dither, draw on, flip, join, re-sample, and much more	
Image Viewer	images	eog	jpeg, bmp, tiff, png, ico	jpeg, bmp, tiff, png, ico	GUI	https://wiki.gnome.org/Apps/EyeOfGnome	Browse and rotate images	Queued
GThumb_convert	images	gthumb	jpeg.jpg, tiff,tif, png, tga	jpeg.jpg, tiff,tif, png, tga	GUI	https://wiki.gnome.org/Apps/Gthumb	View and organize your images	Queued
Postscript_convert	documents	ps2ascii, ps2txt, ps2eps, ps2epsi, ps2pdf12, ps2pdf13, ps2pdf14, ps2pdf, ps2ps ps2ps2	ps	ascii, eps, epsi, pdf, pdf12, pdf13, pdf14, pdfwr, ps, ps2, txt	Command-line		Converts Postscript files to several formats	Queued

UnRTF_convert	documents	unrtf	rtf	html, txt, tex, ps	Command-line	http://www.gnu.org/software/unrtf/unrtf.html	Converts documents in Rich Text Format (.rtf) to HTML, LaTeX, troff macros, and RTF itself.	Queued
Pdf2djvu_convert	documents	pdf2djvu	pdf	djvu	Command-line	http://www.djvu.org/	Converts document in pdf format to djvu format	Queued
Htmldoc	documents	htmldoc	html	pdf, ps, html	Command-line	http://www.msweet.org/	HTMLDOC converts Hyper-Text Markup Language ("HTML") files and web pages into indexed HTML, Adobe PostScript, or Adobe Portable Document Format ("PDF") files.	Queued
LibreOfficeCalc_convert	spreadsheet	libreoffice --nologo --calc	ods, ots, sxc, stc, fods, uos, xlsx, xml, xls, xlt, dif, dbf, html, slk, csv, xlsx	ods, ots, sxc, stc, fods, uos, xlsx, xml, xls, xlt, dif, dbf, html, slk, csv, xlsx	GUI	http://www.libreoffice.org/	Capable of opening and saving many spreadsheets in Microsoft Excel and other file formats.	In Progress
LibreOfficeWriter_convert	documents	libreoffice --nologo --writer	odt, sxw, fodt, uot, docx, xml, doc, html, rft, txt	odt, sxw, fodt, uot, docx, xml, doc, html, rft, txt	GUI	http://www.libreoffice.org/	Create and edit text and graphics in letters, reports, documents and Web pages by using Writer.	In Progress
LibreOfficeImpress_convert	documents	libreoffice --nologo --impress			GUI	http://www.libreoffice.org/		In Progress
Soundconverter_convert.sh	audio	soundconverter	ogg, aac, mp3, flac, wav, avi, mpeg, mov, m4a, ac3, dts, alac, mpc, shorten, ape, sid, mod, xm, s3m	ogg, flac, wav, aac, mp3, mpeg	GUI /Command-line	http://soundconverter.org/	Leading audio file converter for the GNOME Desktop. Simple to use, and very fast.	Queued
Avconv_convert	audio /video	avconv	mp4, ogg, wmv, mpeg, flv, ogv, mkv, vob, asf	ogg, wmv, mpeg, flv, ogv, mkv, vob, asf	Command-line	http://libav.org/avconv.html	Hyper fast Audio and Video encoder	Queued

Unoconv	documents	unoconv	doc, html, odp, ods, odt, ppt, rtf, sdw, sxw, txt, xls, xlsx, xslm, xml	odt, pdf, ppt, doc, html, rtf, sxw, txt, xml, odp, ods, xls, xlsx	Command-line	http://darg.wiee.rs/home-made/unoconv/	Converts between different document formats that OpenOffice (LibreOffice) understands	Queued
Compress_convert.sh	compressed	zip, unzip, rar, unrar, 7za, tar, bz2, cabextract	tgz, tbz2, zip, 7z, rar, cab	tar.gz, tgz, tar.bz2, tbz2, zip, 7z, rar	Command-line		Converts between different compression formats	Queued
Autocad_convert	autocad	TeighaFileConverter	(any) dwg, (any) dxf	dwg v2013, dwg v2010, dwg v2007, dwg v2004, dwg v2000, dwg v14, dwg v13, dwg v12, dxf v2013 ascii, dxf v2010 ascii, dxf v2007 ascii, dxf v2004 ascii, dxf v2000 ascii, dxf v14 ascii, dxf v13 ascii, dxf v12 ascii, dxf v10 ascii, dxf v9 ascii, dxf v2013 binary, dxf v2010 binary, dxf v2007 binary, dxf v2004 binary, dxf v2000 binary, dxf v14 binary, dxf v13 binary, dxf v12 binary, dxf v10 binary	Command-line	https://www.opendesign.com/guestfiles/TeighaFileConverter	Teigha File Converter is a free cross-platform application provided by the ODA to end users only for the conversion of .dwg and .dxf files to/from different versions.	Queued
AutocadDXF_convert	autocad	kabeja	dxf (ascii)	svg, pdf, png, tif, tiff	Command-line	http://kabeja.sourceforge.net/	Kabeja is a Java library for parsing, processing and converting Autodesk's DXF (ascii) format.	Queued
calibre	ebook	calibre	CBZ, CBR, CBC, CHM, DJVU, DOCX, EPUB, FB2, HTML, HTMLZ, LIT, LRF, MOBI, ODT, PDF, PRC, PDB, PML, RB, RTF, SNB, TCR, TXT, TXTZ	AZW3, EPUB, FB2, OEB, LIT, LRF, MOBI, HTMLZ, PDB, PML, RB, PDF, RTF, SNB, TCR, TXT, TXTZ	GUI	http://manual.calibre-ebook.com/faq.html	ebook library manager	In Progress
ebook-convert	ebook	ebook-convert	CBZ, CBR, CBC, CHM, DJVU, DOCX, EPUB, FB2, HTML, HTMLZ, LIT, LRF, MOBI, ODT, PDF, PRC, PDB, PML, RB, RTF, SNB, TCR, TXT, TXTZ	AZW3, EPUB, FB2, OEB, LIT, LRF, MOBI, HTMLZ, PDB, PML, RB, PDF, RTF, SNB, TCR, TXT, TXTZ	Command-line	http://manual.calibre-ebook.com/conversion.html	ebook library manager	Queued
ffmpeg	video				Command-line			Queued

Blender	3D / image / video	blender	JPEG, JPEG2000, PNG, TARGA, OpenEXR, DPX, Cineon, Radiance HDR, SGI Iris, TIFF, A VI, MPEG, 3D Studio (3DS), COLLADA (DAE), Filmbox (FBX), Autodesk (DXF), Wavefront (OBJ), DirectX (x), Lightwave (LWO), Motion Capture (BVH), SVG, Stanford PLY, STL, VRML, VRML97, X3D		GUI	http://www.blender.org/features/		In Progress
QGIS	spatial					http://www.qgis.org/en/docs/user_manual/plugins/plugins_dx2shape_converter.html?highlight=convert		Queued
liblas-bin	lidar					https://apps.ubuntu.com/catalog/applications/precise/liblas-bin/		
miro	video					http://www.getmiro.com/		
HandBrake	video	ghb			GUI	https://trac.handbrake.fr/wiki/HandBrakeGuide		
Sox	audio	sox				http://sox.sourceforge.net/	SoX is a cross-platform (Windows, Linux, MacOS X, etc.) command line utility that can convert various formats of computer audio files in to other formats.	
Flac	audio	flac	flac, fla, wav, aiff, aif	flac, fla, wav, aiff, aif	Command-line	https://xiph.org/flac/documentation_tools_flac.html	Flac convert WAV and aiff files into FLAC files and vise versa with excellent speed and reliability.	

VCL	audio	cvcl	wav,mp3, mp4, aiff, aif	mp3, ogg, mp4, flac, wav	Command- line	http://w ww. videolan .org /index. html	VLC is a free and open source cross- platform multimedi a player and framewor k that plays most multimedi a files as well as DVD, Audio CD, VCD, and various streaming protocols.	
VCL	audio from video	cvcl	mp4, mpg, wmv	mp3, ogg, mp4, flac, fla, wav	Command- line	http://w ww. videolan .org /index. html	VLC is a free and open source cross- platform multimedi a player and framewor k that plays most multimedi a files as well as DVD, Audio CD, VCD, and various streaming protocols.	