

Live Examples

DAP

Description	Input - Original File	Output - Converted File
Convert an vector graphic image (SVG) to a raster image (JPEG).	http://upload.wikimedia.org/wikipedia/commons/b/b0/NewTux.svg	http://kgm-d3.ncsa.illinois.edu:8184/convert/jpg/http%3A%2F%2Fupload.wikimedia.org%2Fwikipedia%2Fcommons%2Fb%2Fb0%2FNewTux.svg or http://upload.wikimedia.org/wikipedia/commons/b/b0/NewTux.svg
Convert a highly compressed high resolution raster image (SID) into an easily previewable image (JPEG).		
Convert a compressed high resolution raster image (JPEG2000) into an easily previewable image (JPEG).		
Convert an image file (PGM) into a more easily parsed and defined form (XML).		
Convert a table (CSV) into a more easily parsed and defined form (XML).		
Convert a flash video (FLV) to another format (MP4).		
Convert a 3D model (STP) to a web previewable image (JPEG).		http://reprap.org/mediawiki/images/3/3f/7_bearing_X_carriage.stp

DTS

Description	Input - Raw File	Output - File with Metadata
Find faces in an image.		

DAP

Images

- TGA, SID, JPEG2000 to PNG
- Microscopy format to PNG?

Audio

- FLAC to MP3

Video

- Flash, MOV to MPG, MP4

Document

- DOCX to PDF, TXT, JPG, MP3

- ODF to PDF, TXT
- Deskmate, Clarisworks document to DOCX

Tabular

- XLSX to CSV, HDF5?
- MSC Monitor (XLSX) to XML

3D

- STP, STL to WRL
- LIDAR to WRL?

Misc

- Matlab to XLSX?
- NEXRAD data to ??

DTS (present as transformations on data as well)

Images

- Large image to Thumbnail
- Large image to Image Pyramid?
- Image to JSON file with EXIF (and GPS) metadata
- Image with a face to JSON file with extracted faces
- Image with trees to JSON file with extracted tree locations
- Aerial image to JSON file with landcover?
- Digitized document to JSON file with extracted text
- Digitized punch card to JSON with extracted code?
- Digitized sheet music to JSON with notes?

Document

- Paper to JSON with extracted summary
- Paper to JSON with extracted data from tables/figures

3D

- LIDAR to JSON with extracted landcover?