

Registry of Tools

These are the LD4P/LD4L tools that are currently being tested:

BIBFRAME-related tools

Tool	Type	Function	Language	Website	Notes	Other resources /links
LC BIBFRAME 1.0 Converter	Converter	Convert MARC to BIBFRAME	XQuery	http://github.com/lcnetdev/marc2bibframe	Converts MARC to BIBFRAME 1.0	
LC BIBFRAME 2.0 Converter	Converter	Convert MARCXML to BIBFRAME	XSLT	http://github.com/lcnetdev/marc2bibframe2	Created by Indexdata	http://id.loc.gov/tools/bibframe/compare-id/full-ttl https://libsys-webforms-dev.stanford.edu/ckey2bibframes/new (for Stanford access)
LC BIBFRAME Editor	Editor	Construct RDF in BIBFRAME	JavaScript	http://github.com/lcnetdev/bfe	Needs a way to import profiles and save/post records to store.	https://ld4p-loc-profiles-dev.stanford.edu/#/profile/list (for Stanford access)
LC BIBFRAME Profile editor	Configuration editor	Construct profiles to use in LC BIBFRAME Editor	JavaScript	https://github.com/lcnetdev/profile-edit	To apply profiles directly into BIBFRAME editor	https://ld4p-loc-bfe-dev.stanford.edu/ (for Stanford access)
marc2bibframe-wrapper	Java wrapper for the Library of Congress marc2bibframe (version1) conversion utility.	This utility allows running the marc2bibframe utility on large batches of records at a time. Internally, records are processed one at a time and a conversion error in a single record will not stop the whole conversion. Errors are logged in an XML log file that also includes the MARCXML data of problematic records.	Java	https://github.com/NatLibFi/marc2bibframe-wrapper		
SHARE Virtual Discovery Environment	Discovery	2,029,218 bibliographical records and 3,601,327 authority records were processed by Casalini and '@Cult' using data from twelve participant libraries to create this discovery environment.	Most likely a Solr and Java-related framework	www.share-vde.org		http://www.share-vde.org

Other RDF Tools

Tool	Type	Function	Language	Website	Notes	Other resources /links
ALIADA	Converter, publisher, linker	Convert MARC to customizable RDF, save to store and link with other datasets	Java	https://github.com/ALIADA/aliada-tool	Automatic conversion linking and publication of RDF datasets hosted by different Library or Collection Management Software.	https://sul-aliada-dev.stanford.edu/aliada (for Stanford access)

CEDAR	Editor	Produce/edit RDF based on ontology-driven forms	Java, JS	https://metadatecenter.org/tools-training/cedar-template-tools	The purpose of CEDAR is to improve metadata and its use. Does not yet support the creation of properties.	http://cedar.metadatecenter.net/
KARMA	Multi-format Converter	Enables users to quickly and easily integrate data from a variety of data sources including databases, spreadsheets, delimited text files, XML, JSON, KML and Web APIs.	Java	http://usc-isi-i2.github.io/karma/ , https://github.com/usc-isi-i2/Web-Karma	Data can come from a spreadsheet. 1-click install! Preload ontologies. Command line interface and UI. Accepts multiple file formats. Visualizations. GUI to do associations of entities. Edit data while you are working with it. Transform and create new columns.	This is super easy to get up and running: https://github.com/usc-isi-i2/Web-Karma/tree/master/vagrant You need vagrant, which on a Mac you can install using `brew install vagrant` The only other gotcha is to change the version of apache-maven to 3.3.9 (from 3.3.3) in the file `Web-Karma/vagrant/basebox-create.sh`
RML Editor	Converter, Data Modeler	GUI to enable modeling heterogeneous data. The editor uses RML as its underlying mapping language, offering thus a uniform GUI to its users to edit mappings from multiple heterogeneous data sources.	Java	http://rml.io/RMLeditor.html , https://github.com/RMLio		
VitroLib	Editor	Vitro editor for library cataloging	Java	https://github.com/ld4-labs/vitrolib		Install commands: https://github.com/ld4-labs/vitrolib/wiki/vitrolib-install-commands
Tableau	Visualization	Visualize data stored in Stardog 5+	NA	https://www.stardog.com/docs/	Requires Stardog 5 and Tableau desktop license. Potential to publish interactive visualizations.	

Collaborative, crowd-sourced version: <http://bit.ly/GLAMLODToolsRegistry>