

# Linked Data for Production (LD4P)

The Linked Data for Production (LD4P) project has finished its first phase (2016-2018). Full information is on this website including new links to [LD4P Outputs](#). The next phase, [Linked Data for Production: Pathway to Implementation \(LD4P2\)](#) is underway.



Welcome to the website of Linked Data for Production (LD4P). With support from the Andrew W. Mellon Foundation, the LD4P partners (Columbia, Cornell, Harvard, Library of Congress, Princeton, and Stanford / [Directory of team members](#)) are piloting the production of linked data for library resources. Over a two-year period (2016-2018), our work focuses on:

- developing standards, guidelines, and infrastructure to communally produce metadata as linked open data,
- developing end-to-end workflows to create linked data in a technical services production environment,
- extending the BIBFRAME ontology to describe library resources in specialized domains and formats, and
- engaging the broader library community to ensure a sustainable and extensible environment.

While each partner institution leads its own domain-specific ontology extension and metadata production projects, the partners collaborate closely with one another and with the Mellon-funded [Linked Data for Libraries-Labs](#) (LD4L-Labs) project on modeling a general-purpose extension to BIBFRAME, developing best practices for ontology extension modeling and for linked data production, evaluating linked data tools, and prototyping an infrastructure for cooperative production of linked data.

## Cross-domain ontology modeling and metadata production

| Models  |
|---|
| <a href="#">Library of Congress BIBFRAME Ontology Development</a> |
| <a href="#">bibliotek-o</a>                                       |

| Metadata Production  |
|--|
| <a href="#">Stanford Tracer Bullets (end-to-end linked data workflows)</a> |
| <a href="#">Library of Congress BIBFRAME Metadata Production Pilot</a>     |

## Domain-specific ontology modeling and metadata production

| Domain                             | Model   | Metadata for specialized collections   |
|------------------------------------|---|--|
| <i>Art</i>                         | <a href="#">ArtFrame</a>                          | <a href="#">Columbia Art Properties</a>  |
| <i>Cartographic and Geospatial</i> | <a href="#">Cartographic Extension</a>            | <a href="#">Harvard Cartographic Materials</a>                                       |
| <i>Moving Images</i>               | <a href="#">Moving Image Extension</a>            | <a href="#">Harvard Film Archive</a>   |
| <i>Performed Music</i>             | <a href="#">Performed Music Ontology</a>          | <a href="#">Cornell Hip Hop Archive</a>  |
| <i>Rare Materials</i>              | <a href="#">Rare Materials Ontology Extension</a> | <a href="#">Cornell Hip Hop Archive</a><br><a href="#">Princeton Derrida Archive</a> |

## Tools

LD4P provides input to the [Linked Data for Libraries-Labs](#) (LD4L-Labs) project on the development of [VitoLib](#), a linked data editor for libraries, and the LD4L-Labs Converter. LD4P is evaluating several other linked data tools (see our [Registry of Tools](#)), including the Library of Congress BIBFRAME Editor and Converter.

The [Bibliportal](#) ontology repository is a library-specific implementation of Stanford University's BioPortal.

## Learn More

- [LD4P Presentations and Publications](#)
- [Upcoming Conferences Related to Linked Data](#) (includes planned attendance by LD4P and LD4L-Labs members)
- [LD4P Grant Proposal](#)
- [LD4 Workshop 2018](#)
- [LD4P / LD4L-Labs Community Input Meeting, April 24-25, 2017](#)
- [Linked Data for Production Report, April 2016 \(First All-Hands Meeting\)](#)