

# Project Timeline (LD4L Labs)

## April 2016-September 2016

- Hold first 2 day meeting of LD4L Labs project team in coordination with LD4P meeting (Dean Krafft coordinating for LD4L Labs, in collaboration with LD4P co-managers Philip Schreur and Tom Cramer)
- Refine work schedule and deliverables for the first six months, developing detailed implementation schedules for the tools and services described in sections 2, 3, 4 and 5 (All)
- Perform ontology evaluation for geospatial datasets and moving image resources (Marc McGee, Christine Fernsebner Eslao, Harvard Senior Software Engineer, Harvard Metadata Technologies Program Manager, Stanford LD4L Labs Technologist)
- Develop initial specifications for Vitro cataloging interface (Chew Chiat Naun, Muhammad Javed, Rebecca Younes)

## October 2016-March 2017

- Hold second 2 day meeting of LD4L Labs project team in coordination with LD4P meeting (Dean Krafft coordinating for LD4L Labs, in collaboration with LD4P co-managers Philip Schreur and Tom Cramer)
- Refine work schedule and deliverables for the 2nd six months (All)
- In collaboration with the Library of Congress, implement a new MARC->BIBFRAME converter (Rebecca Younes, Stanford LD4L Labs Technologist)
- Develop tools that extend the Hydra framework to support organization, curation and annotation by librarians and catalogers (Lynette Rayle)
- Establish the BIBFRAME/LD4L profile for describing moving image materials and geospatial datasets and create mapping rules for converting Harvard Film metadata and Harvard Geospatial Library metadata to the BIBFRAME/LD4L profile (Christine Fernsebner Eslao, Michael Vandermillen)

## April 2017-September 2017

- Hold third 2 day meeting of LD4L Labs project team in coordination with LD4P meeting (Dean Krafft coordinating for LD4L Labs, in collaboration with LD4P co-managers Philip Schreur and Tom Cramer)
- Develop work schedule and deliverables for the 3rd six months (All)
- Convert set of Harvard Film Archive metadata and OpenGeoMetadata geospatial dataset metadata records to the BIBFRAME/LD4L profile and reconcile linked-data entities within those records (Marc McGee, Christine Fernsebner Eslao, Michael Vandermillen, Harvard Senior Software Engineer, Harvard Metadata Technologies Program Manager, Stanford LD4L Labs Technologist)
- Deployment of moving image descriptions and geospatial dataset descriptions as linked data in a triplestore (Harvard Senior Software Engineer, Harvard Metadata Technologies Program Manager)

## October 2017-March 2018

- Hold final 2 day meeting of LD4L Labs project team in coordination with LD4P meeting (Dean Krafft coordinating for LD4L Labs, in collaboration with LD4P co-managers Philip Schreur and Tom Cramer)
- Develop work schedule and deliverables for the last six months (All)
- Develop Hydra-framework tools for crowdsourced curation, tagging and annotation by scholars (Lynette Rayle)
- Build visualization tool(s) to search/display moving image descriptions and geospatial dataset descriptions (Harvard Senior Software Engineer, Harvard Metadata Technologies Program Manager)
- Prototype user interface exploiting the complex graph for Bambaataa collection linked-data created in the LD4P partners project (Chew Chiat Naun, Cornell LD4L Labs Developer)
- Deliver evaluations of moving image and geospatial datasets projects and sets of recommendations for future research and development (Marc McGee, Christine Fernsebner Eslao, Michael Vandermillen, Harvard Sr. Software Engineer, Harvard Metadata Technologies Program Manager, Stanford LD4L Labs Technologist)

## March 2018

- Completion of work items spanning the 2 years of LD4L Labs:
  - Hydra framework tools for annotation by information professionals, and tools for crowdsourced annotation and tagging by the spectrum of users (section 2.1) (Lynette Rayle, Stanford LD4L Labs Technologist)
  - Extension of conversion pipeline for non-MARC data (section 2.2) (Rebecca Younes)
  - Evaluation of experience with Vitro and Eagle-I for linked data creation and editing (section 2.3) (Rebecca Younes, Muhammed Javed, Chew Chiat Naun, Marc McGee, Christine Fernsebner Eslao, Michael Vandermillen, Harvard Senior Software Engineer, Harvard Metadata Technologies Program Manager)
  - Extension of Spotlight and Sufia tools to support linked data (section 2.4) (Lynette Rayle, Stanford LD4L Labs Technologist)
  - Visualization and exploration of related entities (section 3.1) (David Eichmann, Iowa Graduate Research Assistant, Cornell LD4L Labs Developer)
  - Network analysis of the bibliographic, user, and usage information (section 3.3) (Cornell LD4L Labs Developer, David Eichmann, Iowa Graduate Research Assistant)
  - Complete evaluation and feedback regarding BIBFRAME/LD4L ontology (section 4.1) (Muhammed Javed, Chew Chiat Naun, Rebecca Younes, Stanford LD4L Labs Technologist)
  - Reconciliation and persistence work including infrastructure to register "sameAs" and "closely related" relationship assertions (section 4.2) (David Eichmann, Iowa Graduate Research Assistant)

- Ensure all software outputs are available on GitHub, all work is documented in the LD4L wiki, and all Linked Open Data outputs from the project are available on the Web (All)
- Create final report for Mellon (Dean Krafft, Scott Wicks, David Eichmann, Tom Cramer)