Linked Data for Production
Resources

Metadata

Discovery

<http://bibframe.example.org/resource> a bf:Contribution ;
bf:role <http://id.loc.gov/vocabulary/relators/ill> ;
bf:role [rdfs:label "illustrator"] ;
Resources

Models

Tools

Workflows

Community

Metadata

Discovery

<http://bibframe.example.org/resource> a bf:Contribution ;
bf:role <http://id.loc.gov/vocabulary/relators/ill> ;
bf:role [rdfs:label "illustrator"] ;
Partners

- Stanford
- Cornell
- Princeton
- Columbia
- Harvard
- Library of Congress
Models

PMO: Performed Music Ontology

Stanford

Columbia

Cornell

LD4P

Princeton

Library of Congress

BIBFRAME

ArtFrame

Annotations

RareMat

Cartographic

Moving Image
Models: ArtFrame/RareMat

find all the resources connected to a specific award within one collection or across different collections
Models: ArtFrame/RareMat Award Model
Tools: Editors

BIBFRAME Editor

VitroLib

CEDAR
Workflows

- Stanford
- Columbia
- Cornell
- Princeton
- Harvard
- Library of Congress

Tracer Bullets
Workflows: Tracer Bullet for Vendor-Supplied Metadata

- Vendor provides MARC records & updates to ILS.
- ILS passes updates to Vendor.
- ILS enhance MARC data and link to operational record.
- Index maps & indexes data.
- Unified discovery layer provides indexed data.
- Reconciliation services return reconciled data to MARC to BIBFRAME converter.
- Triplestore exposes data to SPARQL endpoint/API.
Workflows: Reactive Pipeline
Community Meetings

meeting.ld4p.org

April 2017

Models
Tools
Workflows
Community

May 2018
Biblioportal

For ontology...
• Discovery
• Visualization
• Maintenance
• Mappings
• Assessment

biblio.ontoportal.org
What’s Next?

Pathway to Implementation
<http://bibframe.example.org/resource>
bf:contribution { a
bf:Contribution ;
bf:role 
<http://id.loc.gov/vocabulary/relators/ill> ;
bf:role [rdfs:label
"illustrator"] ;
bf:agent 
<http://id.loc.gov/rwo/agents/n94064763> }.
More information

www.ld4p.org

Image credits

• Charles Willson Peale, Portrait Miniature of Alexander Hamilton, c.1780, watercolor on ivory, Gift of Edmund Astley Prentis, courtesy of Roberto C. Ferrari, Curator of Art Properties and Margaret Smithglass, Registrar and Digital Content Librarian, Avery Architectural & Fine Arts Library
• Jacques Derrida dedication page, courtesy Princeton University
• Turntable by j_arlecchino, https://www.flickr.com/photos/116797173@N07/16149273276/
• Map: Harvard Geospatial Library, from David Siegel powerpoint “Optimizing Access Via ArcIMS, Portals and the Desktop” http://cga-download.hmdc.harvard.edu/publish_web/Presentations/SIEGEL_NEMO.ppt