Updates on DPLA and Hydra-In-A-Box

Mark A. Matienzo <mark@dp.la>
Digital Public Library of America

Mid-Atlantic Fedora Users Group
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What is DPLA?

DPLA is...

A ***portal*** for discovery

A ***platform*** to build on

A strong advocate for a ***public option***

A network of ***partnerships***

A Portal for Discovery

DPLA DIGITAL PUBLIC LIBRARY OF AMERICA

Home Exhibitions Map Timeline Bookshelf Apps

A Wealth of Knowledge

explore 8,007,019 items from libraries, archives, and museums

Search the Library

Exhibitions

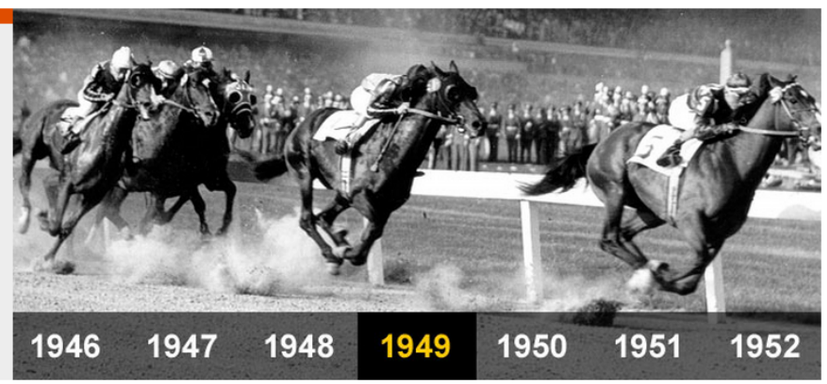
View all »

Explore by Place

Map »

Explore by Date

Timeline »



Apps

The DPLA is a platform. Developers make apps that use the library's data in many different ways. Here are just a few. App Library »

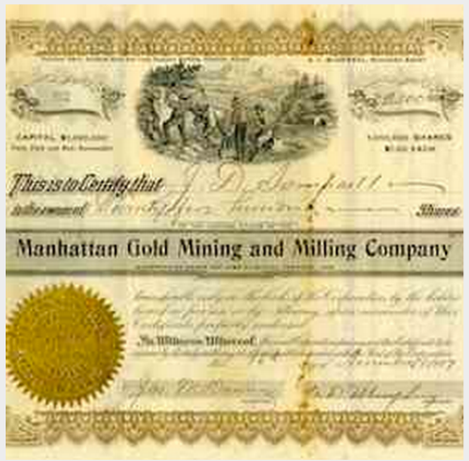
News

DPLA Brings National Attention to the Blue Earth County Historical Society

Oct 2

http://dp.la/

Exhibitions & Primary Source Sets



Staking Claims: The Gold Rush in Nineteenth-Century America

The Show Must Go On! American Theater in the Great Depression

Early Chinese Immigration to the US

Primary Source Set

By Hillary Brady, Digital Public Library of America

Teaching guide

Teaching Guide: Exploring Early Chinese Immigration to the US

The advent of the railroad brought about many changes to the United States, including an early wave of Chinese immigration to America. Chinese laborers were the backbone of the Transcontinental Railroad's creation, and worked diligently in other difficult industrial jobs for low wages. During this period, they faced intense racial discrimination both socially and politically. This culminated in the Chinese Exclusion Act of 1882, which placed new obstacles in the way of Chinese and other Asian immigrants looking to come to America. In particular, the act placed limits and exclusions on laborers, not wealthy businessmen from China looking to immigrate. The following set of resources provides photos, documents, and oral histories that help tell the story of this early period of Chinese immigration to the United States.

History of Survivance: Upper Midwest 19th Century Native American Narratives

America's Great Depression and Roosevelt's New Deal

A photo of four Chinese field hands, 1898.

A photo from a family's applications to reenter the U.S., circa 1892-1900.

A photo of Chinese workers on the Central Pacific Railroad, circa 1863.

A Platform to Build On

http://dp.la/apps/

A Strong Public Option

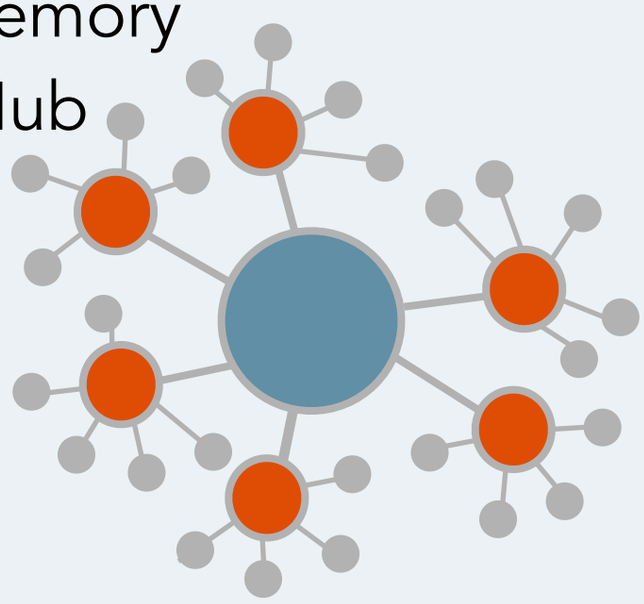
Free Library of Philadelphia – Bicentennial of Charles Dickens Birth. Courtesy Jim Capaldi.

Partnerships

Ted Shawn and Hazel Walleck. Courtesy The New York Public Library.

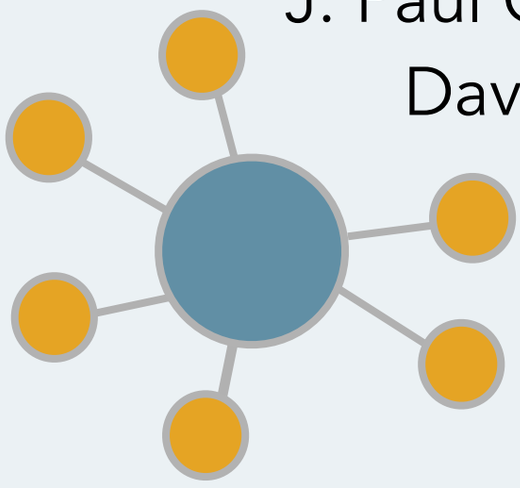
Service Hubs

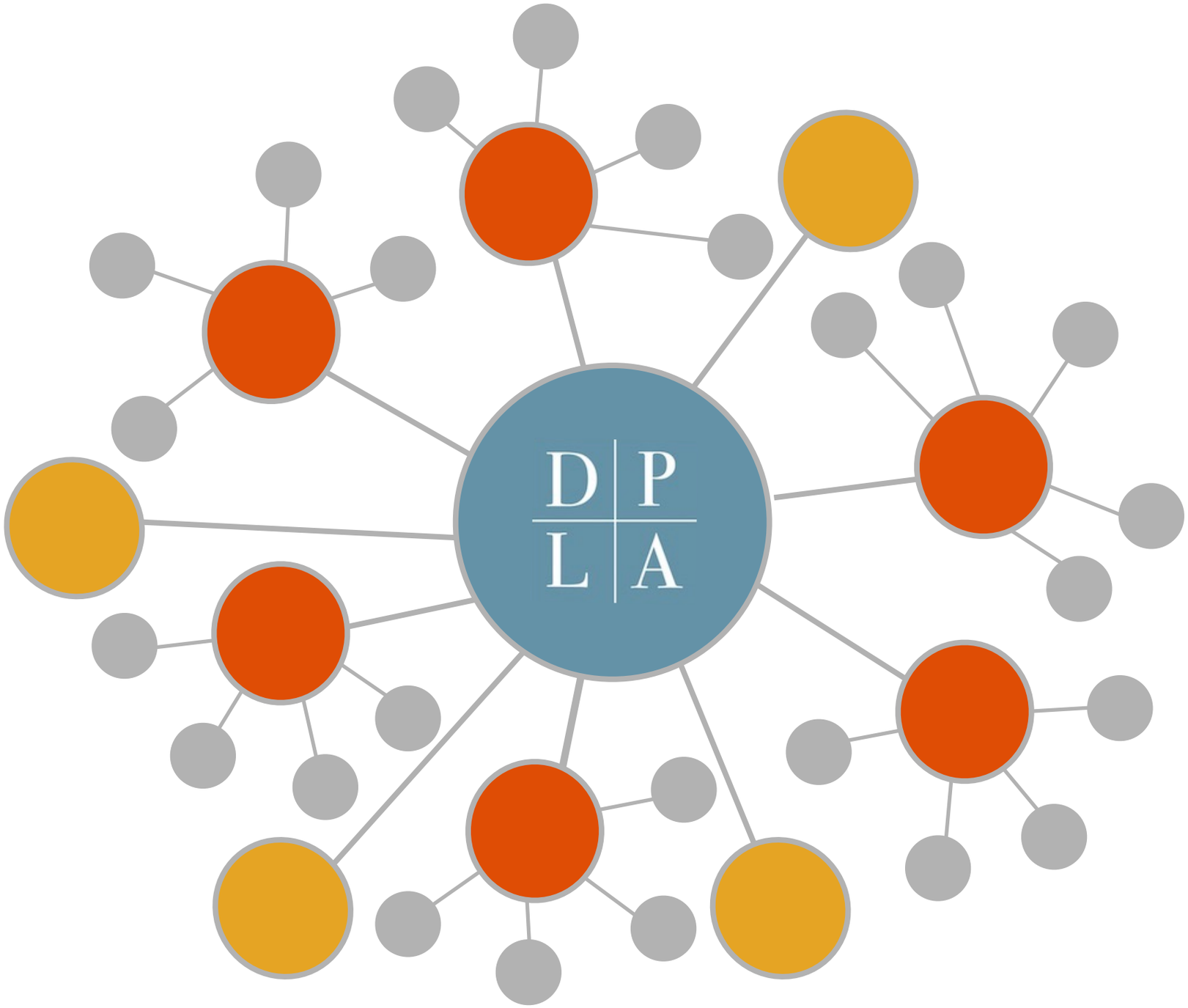
Mountain West Digital Library
South Carolina Digital Library
Empire State Digital Network
Digital Commonwealth (MA)
NC Digital Heritage Center
The Portal to Texas History
Digital Library of Georgia
Minnesota Digital Library
Kentucky Digital Library
Indiana Memory
Missouri Hub



Content Hubs

Government Publishing Office (GPO)
National Archives & Records Admin.
Univ. of Illinois Urbana-Champaign
University of Southern California
Biodiversity Heritage Library
The New York Public Library
Harvard University Library
California Digital Library
Smithsonian Institution
University of Virginia
J. Paul Getty Trust
David Rumsey
HathiTrust
ArtStor

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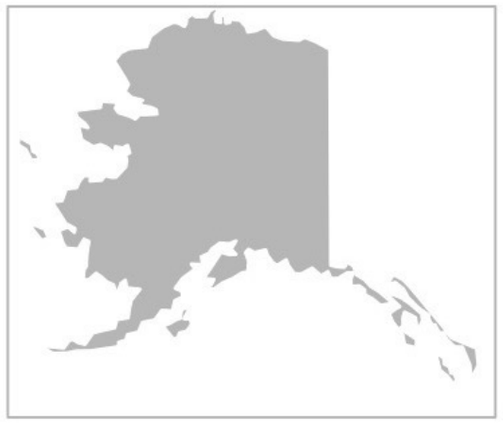
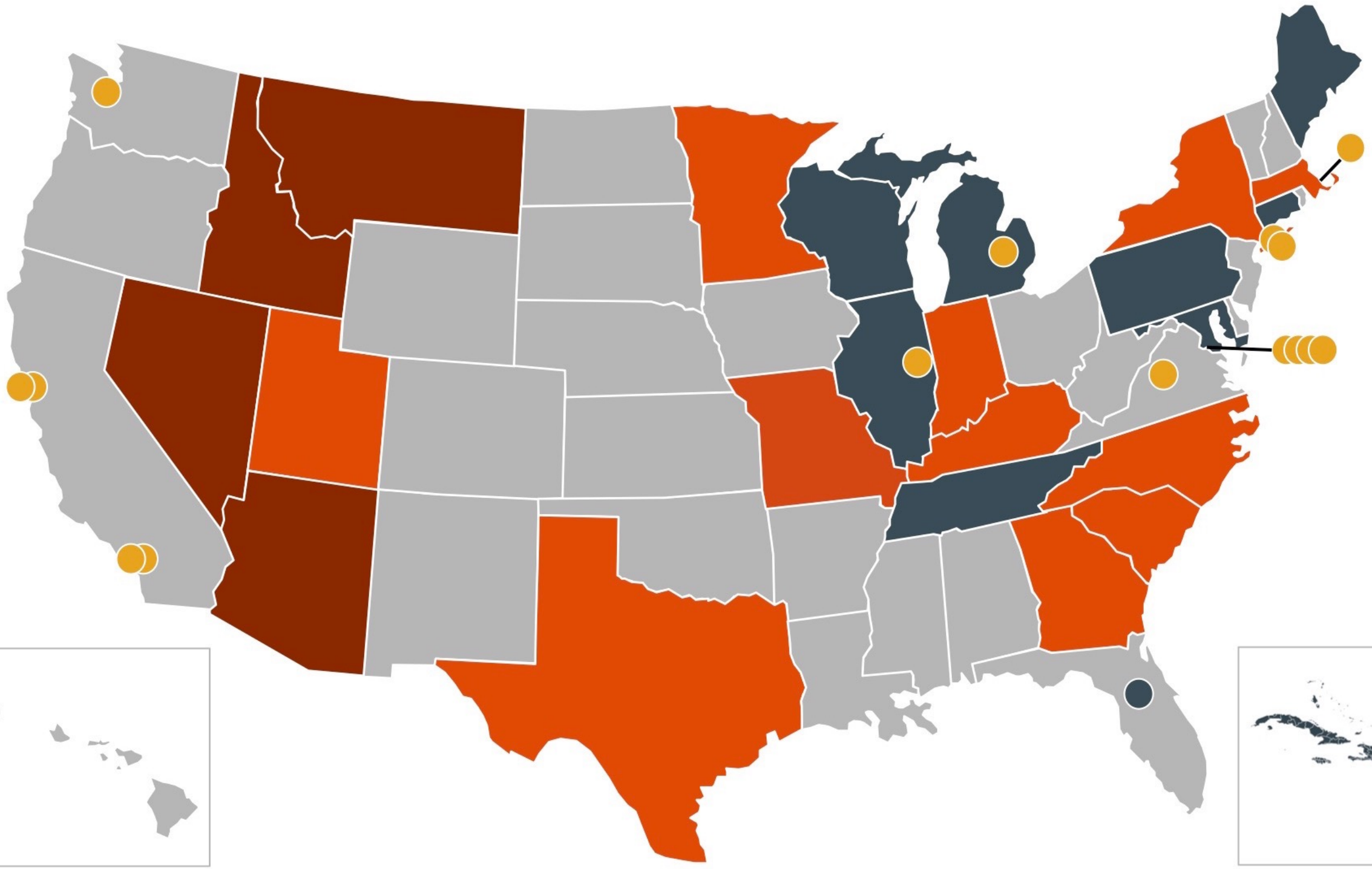
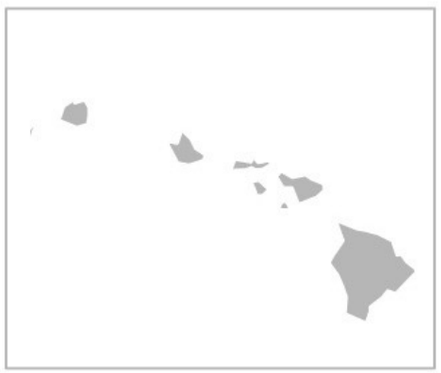


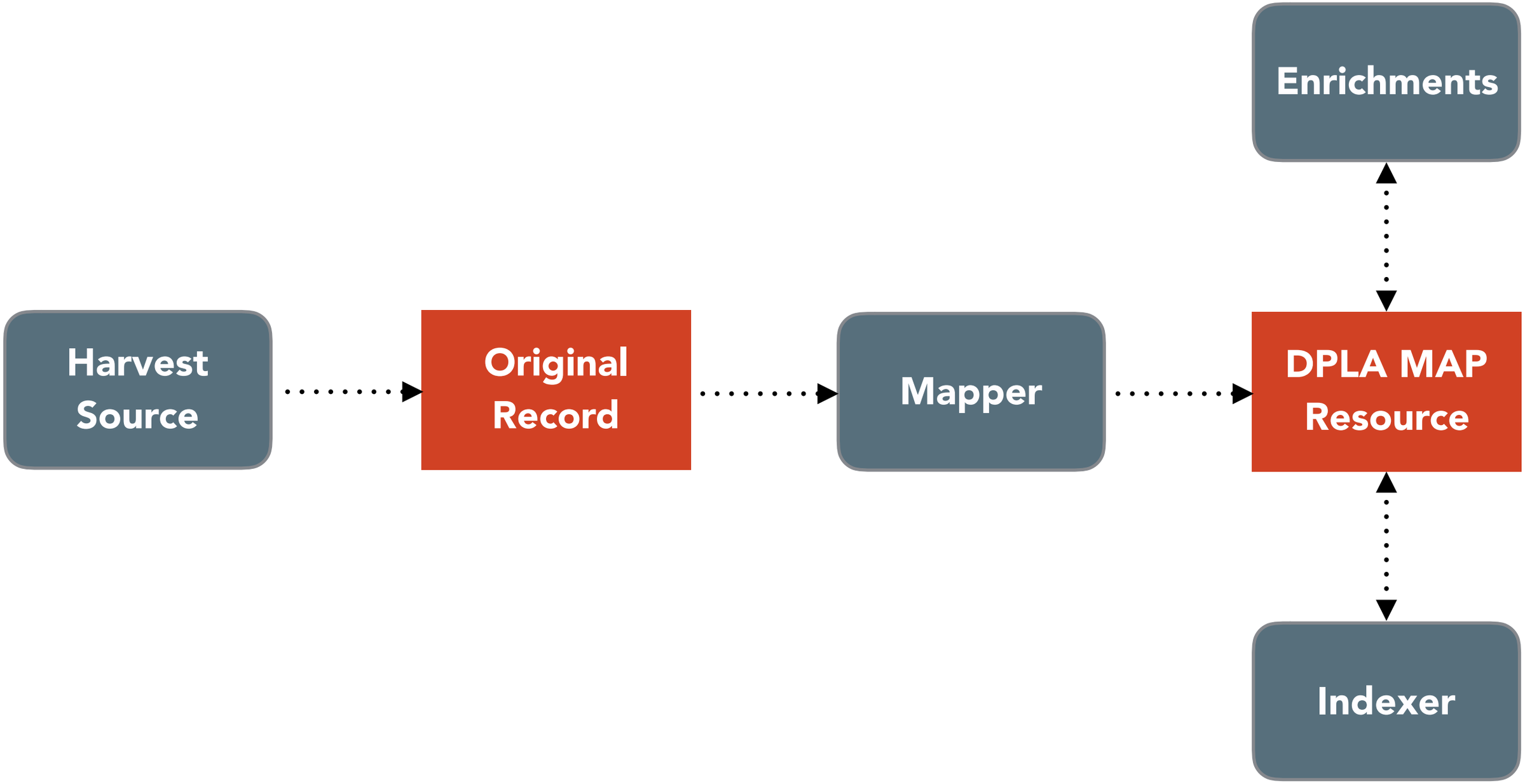
DPLA Hubs locations

- Service Hubs
- Service Hub partner states
- Content Hubs
- Hubs in active development

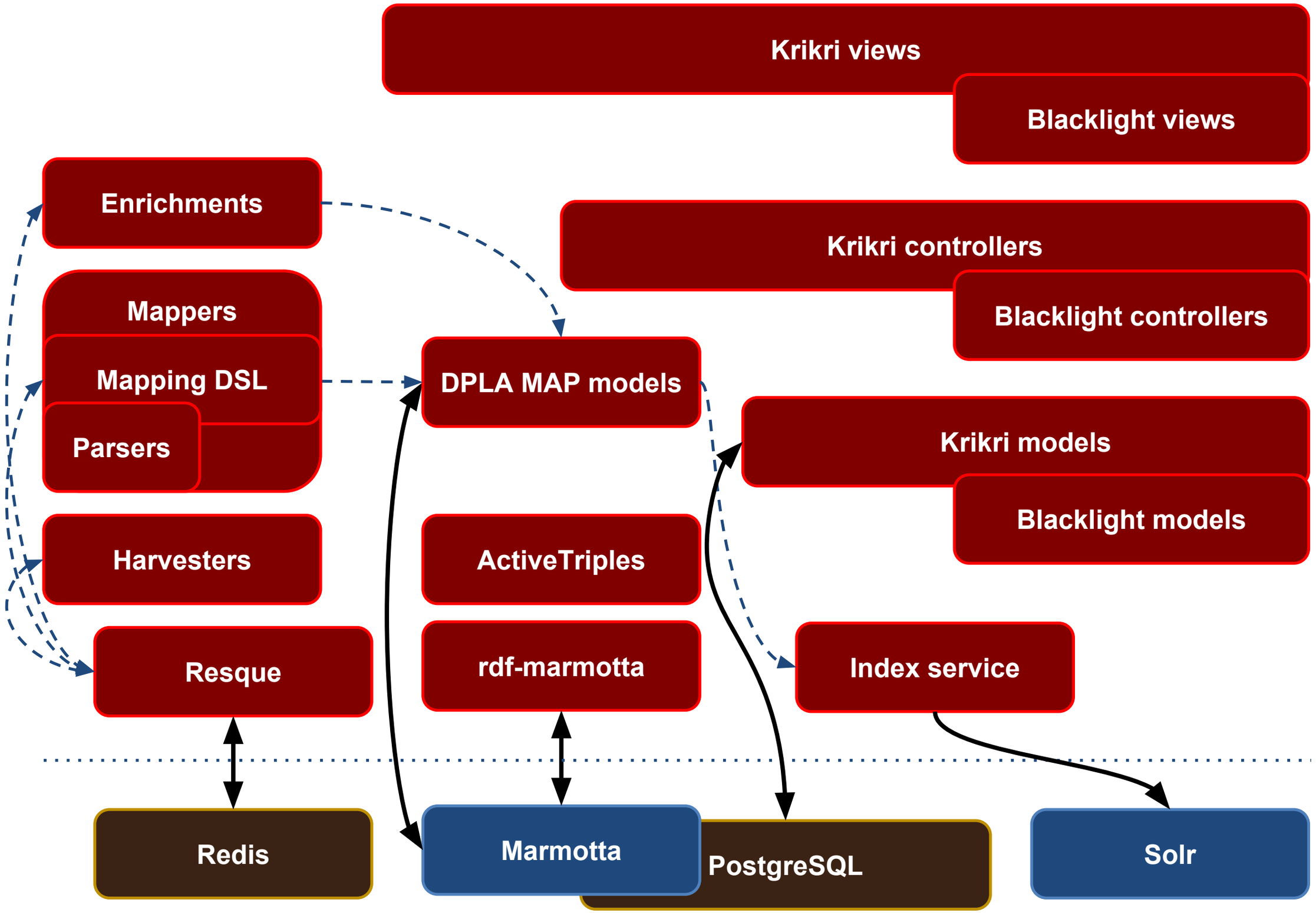




The DPLA Ingestion Process



Krikri and Heiðrún



http://bit.ly/heidrun — https://github.com/dpla/krikri

Sample Mapping

```
Krikri::Mapper.define(:esdn_mods, :parser => Krikri::ModsParser) do
  provider :class => DPLA::MAP::Agent do
    uri 'http://dp.la/api/contributor/esdn'
    label 'Empire State Digital Network'
  end

  dataProvider :class => DPLA::MAP::Agent do
    providedLabel record.field('mods:note').match_attribute(:type, 'ownership')
  end

  isShownAt :class => DPLA::MAP::WebResource do
    uri record.field('mods:location', 'mods:url')
          .match_attribute(:usage, 'primary display')
          .match_attribute(:access, 'object in context')
  end

  preview :class => DPLA::MAP::WebResource do
    uri record.field('mods:location', 'mods:url')
          .match_attribute(:access, 'preview')
  end

  originalRecord :class => DPLA::MAP::WebResource do
    uri record_uri
  end

  sourceResource :class => DPLA::MAP::SourceResource do
    alternative record.field('mods:titleInfo')
                      .match_attribute(:type, 'alternative')
                      .field('mods:title')
```

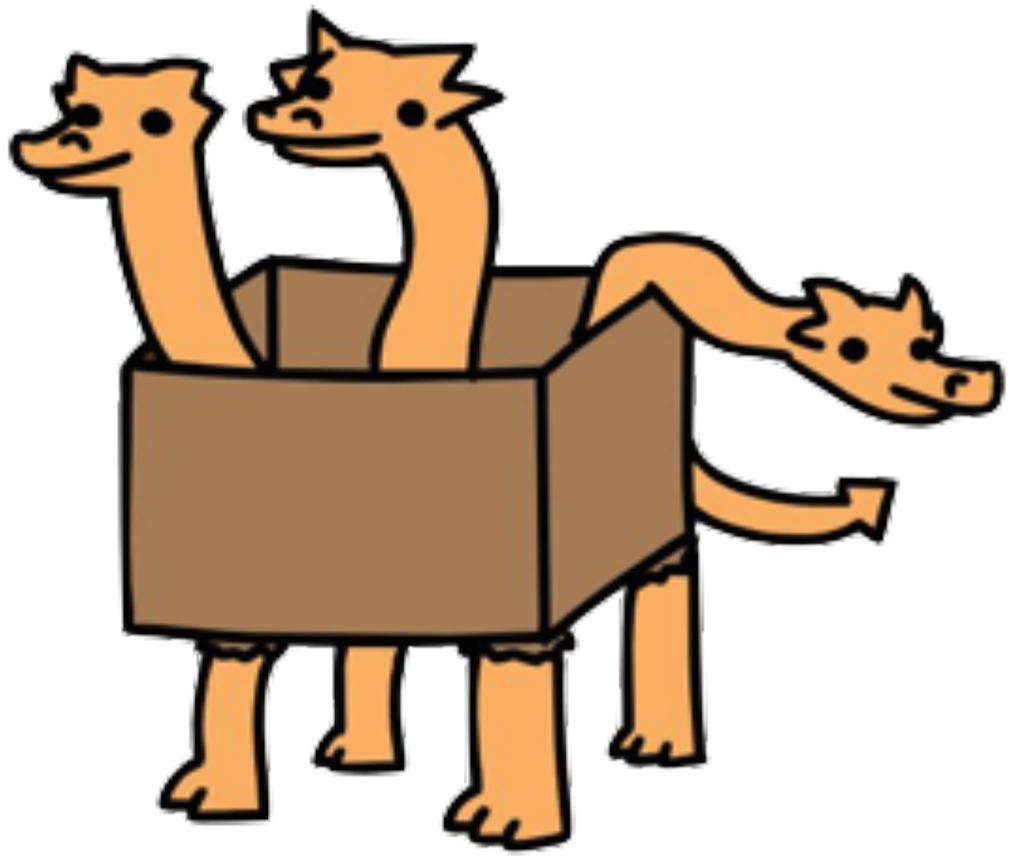
https://github.com/dpla/heidrun-mappings/blob/master/heidrun/esdn_mods.rb

Hydra-In-a-Box

- 30 month National Leadership Grant from IMLS

- Focuses on fostering a national digital platform through community-based repository infrastructure

- Leverages and contributes to Hydra through code & community



Project Goals

- Development of turnkey, Hydra-based application that leverages and improves on core components.

- Development/integration of metadata aggregation & enrichment tools

- Connect components with DPLA hubs, current Hydra partners, and prospective Hydra adopters

- Work toward a hosted service

Project Partners

DP LA

DURA SPACE™

LELAND STANFORD JUNIOR UNIVERSITY
DIE LUFT DER FREIHEIT WEHT
1891

INSTITUTE of Museum and Library SERVICES

Project Team

DPLA

- Dan Cohen
- Mark Matienzo
- Mark Breedlove
- Tom Johnson
- Audrey Altman
- Kenny Whitebloom
- Rachel Frick

DuraSpace

- Debra Hanken Kurtz
- Jonathan Markow
- Bill Branan
- Andrew Woods
- Tim Donohue
- Carol Minton Morris

Stanford

- Tom Cramer
- Hannah Frost
- Mike Giarlo
- Gary Geisler
- Rob Sanderson
- Joe Atzberger
- Chris Beer
- Erin Fahy

… and the larger Hydra community

Project Timeline

- May 2015-November 2017 (30 months)
- Design process: May 2015-February 2016
- Development: March 2016-Nov. 2017
- Service development and community engagement: throughout project

Design Process

Discovery

Phase 1 → Phase 2

Stakeholder goals
Community & landscape surveys

Interviews & focus groups

Information Architecture

Phase 1 → Phase 2

User personas
Requirements prioritization

Conceptual sitemaps
Wireframes

Visual Design

Phase 1

Visual design mockups
Visual design style guide

Infrastructure & Technical Exploration

Phase 1 → Phase 2 → Phase 3

Community engagement
Collaborative development on core gems

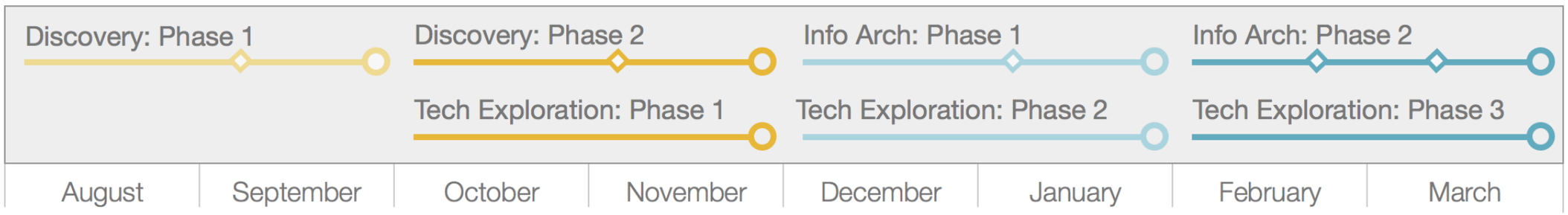
Technical prototyping

Gap analysis
Community feedback

Development

Phase 1 →

Formal development & user testing



Design Process Discoveries

- 75% respondents have some digital content not managed in a repository
- Satisfaction levels
    - Users of hosted services tend to be more satisfied than users of local deployments
- Strengths and weaknesses of existing repository options
- System migration
    - 53% plan to migrate; most to a Fedora-based solution
    - Rest are “not sure” what’s next

Participation

- Contribute ideas for functionality: **http://bit.ly/hydrainabox-ideas**
- Agree to participate in an interview or focus group
- Help us test and evaluate the software as we release it
- Participate in software development

Stay Informed

- Visit our website and blog: **http://hydrainabox.org/**

- Public information list: hybox-info@googlegroups.com

- Contact us: hybox-contact@googlegroups.com

Thank You!

Mark A. Matienzo <mark@dp.la>
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