

# Hydra in a Box

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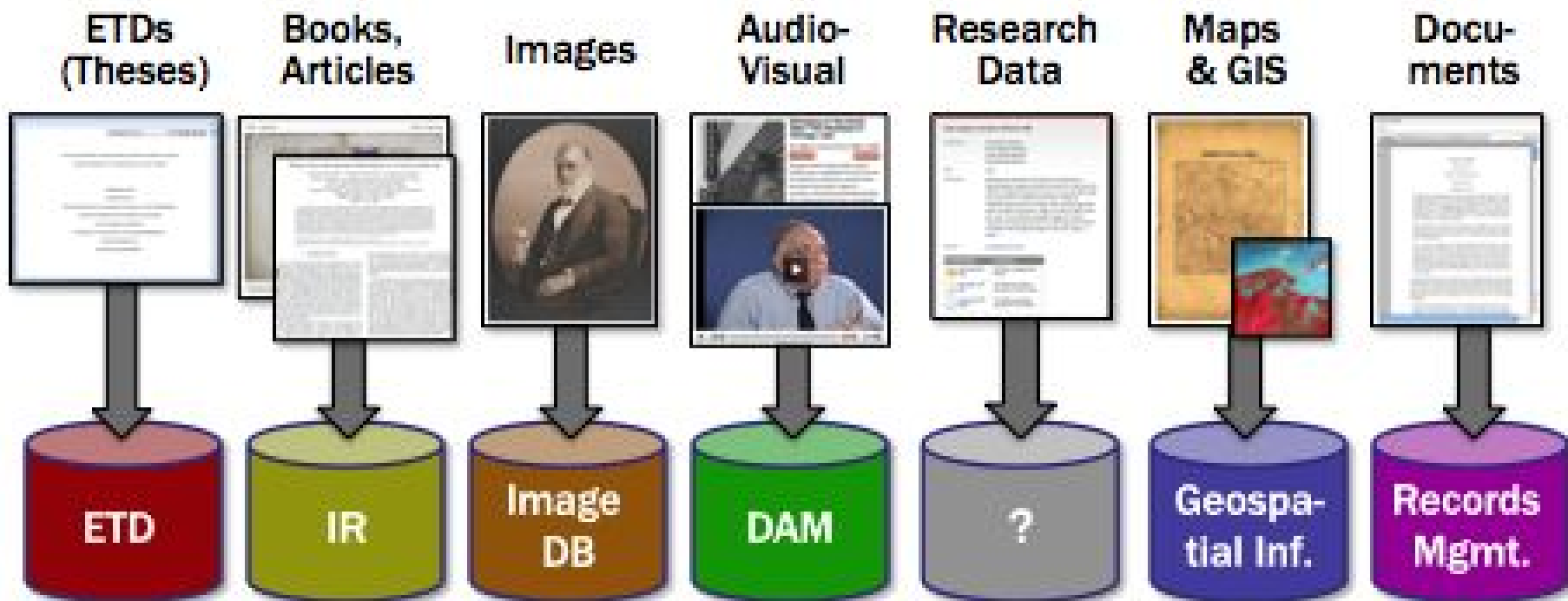
DLF Forum - Vancouver, BC - Oct 27, 2015

# Overview

- What is Hydra and why are we putting it in a box?
- Who are the project partners, what do they bring to the project, and why?
- Who's working on it?
- What's the timeline for the project?
- What surprising things have we learned so far?
- How can I participate and get news as it develops?
- How can I run it when it's done?
- **What questions do you have?**
  - <http://bit.ly/hybox-questions>

# **What is Hydra?**

# Point Solution Approach ...Welcome to Siloville



**Management**

**Access**

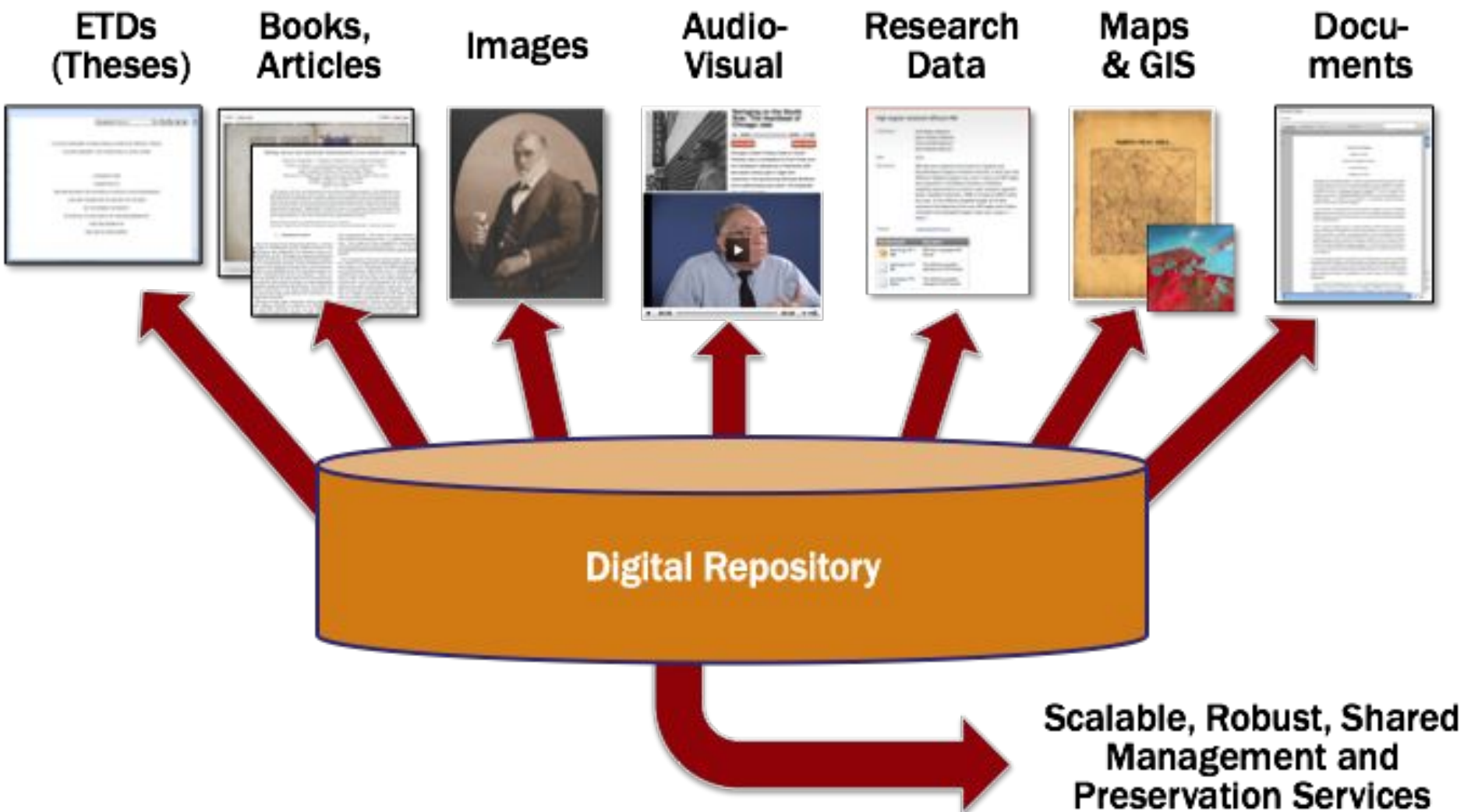
**Preservation(?)**

**Effective?**

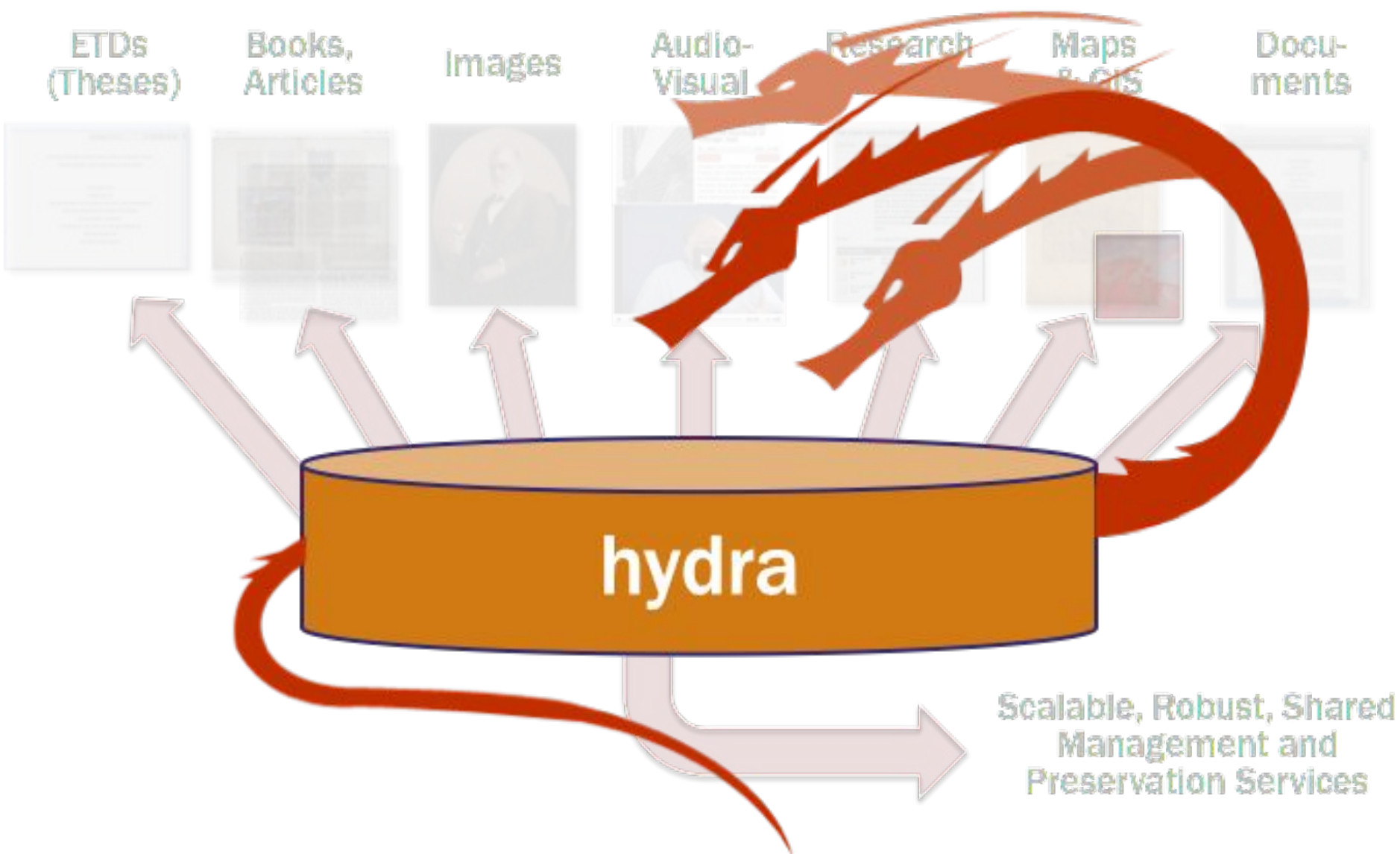
**Sustainable?**



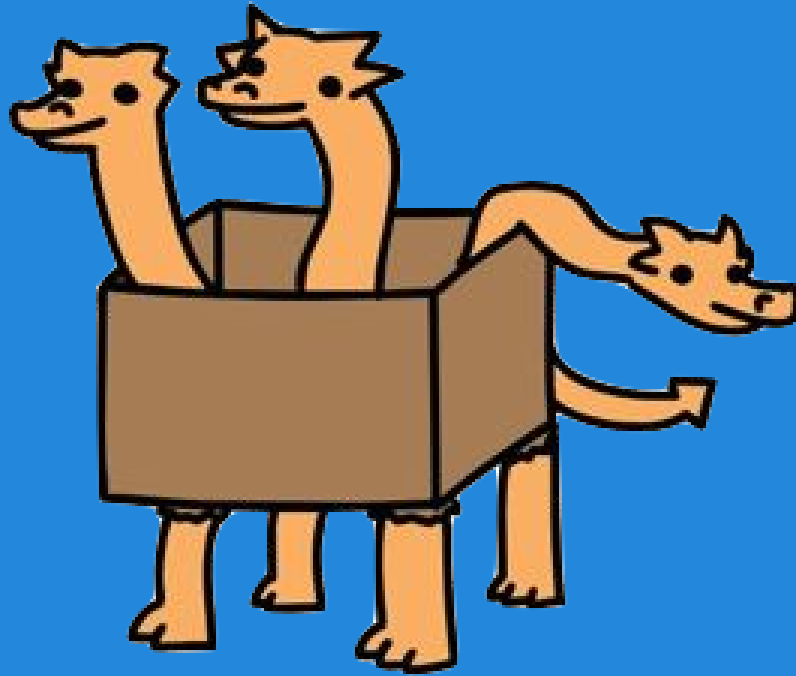
# Repository-Powered Approach



# One Body, Many Heads...



**Why are we putting it in  
a box?**



**Thinking *inside*  
the Box**



**Who are the project  
partners?**

# Project Participants



**What does DPLA bring  
to the project?**

# DPLA as a Partner

- Experience with metadata aggregation
- Network of hubs & partners
  - Many are looking for a modern solution to manage and provide access to digital content
- Commitment to open access, and encouraging access and reuse of cultural heritage content
- Goodwill within community

**What does Stanford  
bring to the project?**

# Stanford as a Partner

- Institution with a repository and firsthand repository needs
- Motivation to accelerate mainline Hydra development to meet Stanford needs
- Longterm experience with, and deep commitment to, Hydra  
(both the tech and community)
- An <awesome, charismatic, gregarious> digital library team

**What does DuraSpace  
bring to the project?**

# DuraSpace as a Partner

- The success of Fedora is linked to the success of Hydra
- We help open source software communities be sustainable
- We have six years experience building and supporting scalable cloud-based, hosted applications
- We bring groups together to achieve common goals



**Who is working on the  
project?**

# Project Team

## **DPLA**

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

## **Stanford**

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

## **DuraSpace**

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







**What's the timeline for the project?**

# Overall timeline

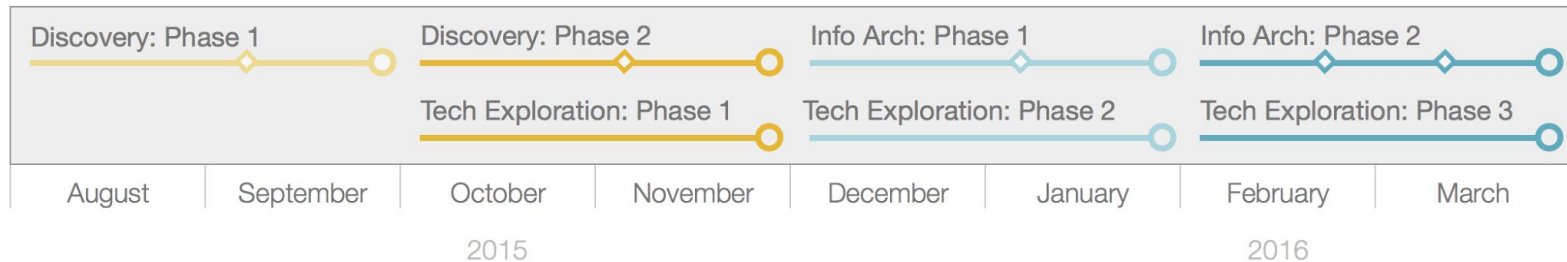
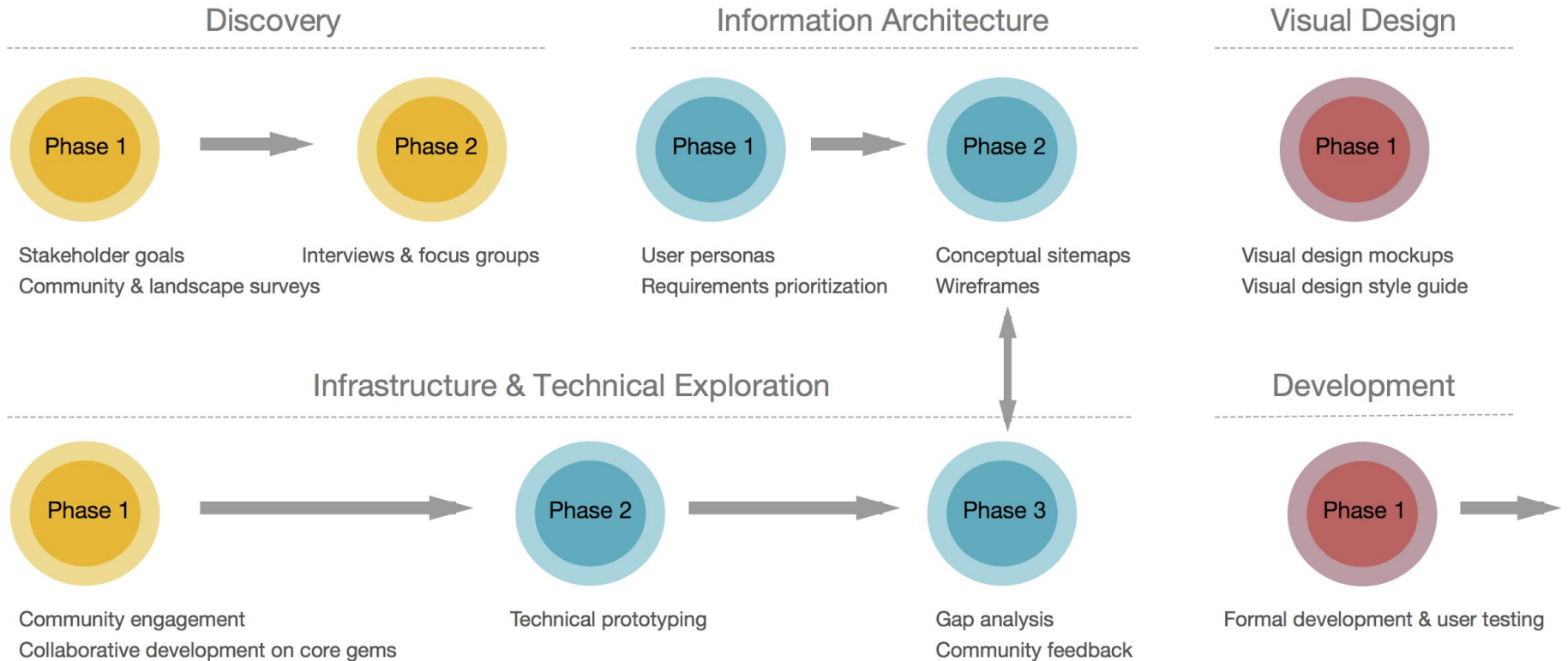
- May 2015-November 2017 (30 months)
- Design process: May 2015-February 2016
- Development: March 2016-Nov. 2017
- Service development and community engagement: throughout project

# Design Process

- **Discovery Phase (Summer - Fall 2015)**
  - Literature review and product/service analysis
  - Surveys, interviews, and focus groups
  - Community outreach
- **Technical exploration (Fall/Winter)**
- **Information Architecture (Winter)**
  - User requirements and personas
  - Requirements - functional & technical
  - Models
  - Wireframes
- **Visual Design (Early spring)**

# Hydra-in-a-Box Design Process: Tasks & Timeline

Updated 2015-09-18





**What surprising things  
have we learned so far?**

# Survey Insights

- 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

# Quotes

"We are excited... We rolled our own Fedora/Solr based digital collections platform a couple years ago, and we've been quite happy with it. But quite **precisely because things have been going well**, and we started getting more uptake on it..., we saw the writing on the wall and realized [our] small team... would not be able to maintain a system - at the level of quality we'd like - by coding everything from scratch everytime..."

**How can I participate?**

# Participating

- 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

**How can I get more  
news and information?**

# How to stay informed



Visit our website and blog:

<http://hydrainabox.org/>



Public information list

hybox-info@googlegroups.com

Contact us

hybox-contact@googlegroups.com

**How can I run Hydra in  
a Box when it's done?**



# Running Hydra in a Box

- Peel off the shrink wrap
- Take it out of the box (Keep your fingers away from those snapping heads)
- Seriously...You can run it yourself...OR...
- ...You can subscribe to a hosted service

# Thank you!

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