Sailing the Islandora 8 Ship while (still) Building It

Seth Shaw
IslandoraCon 2019
slides @ https://tinyurl.com/islandoracon2019-shaw

2017 Infrastructure
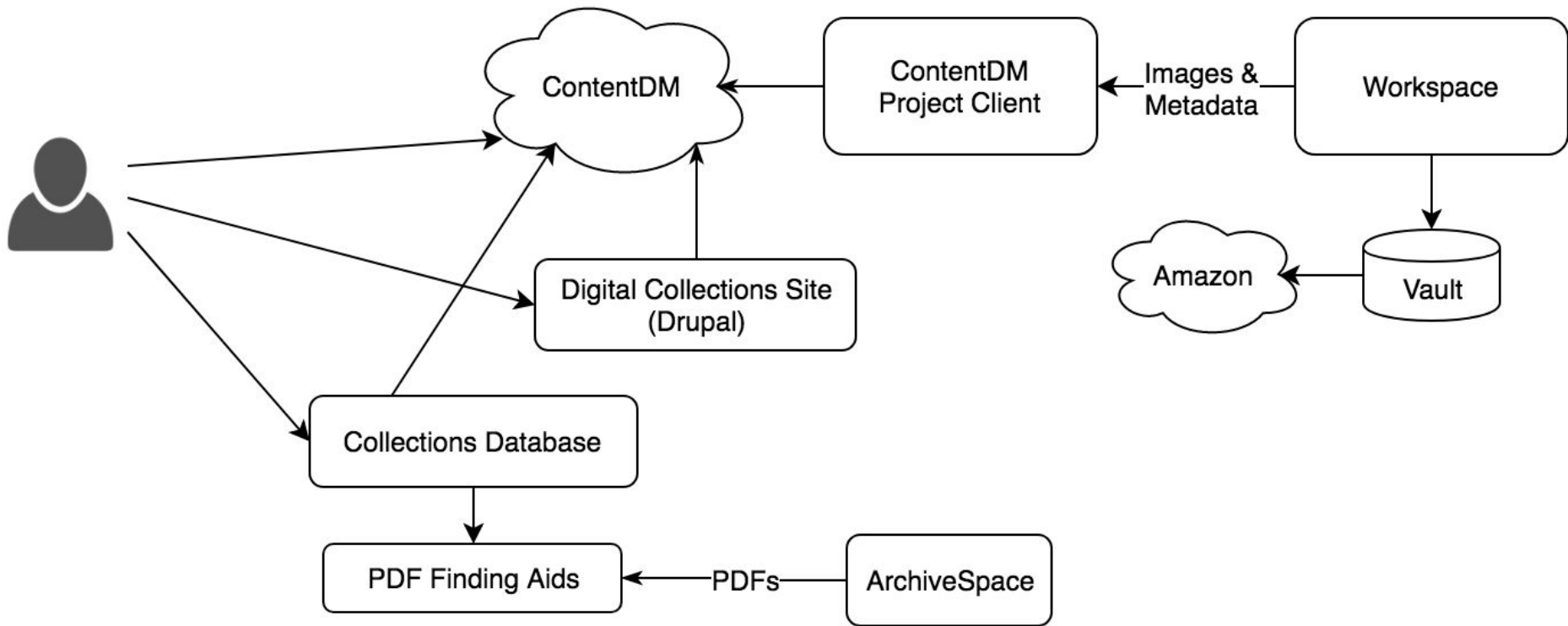
Goals

- New repository for public access **and** preservation.
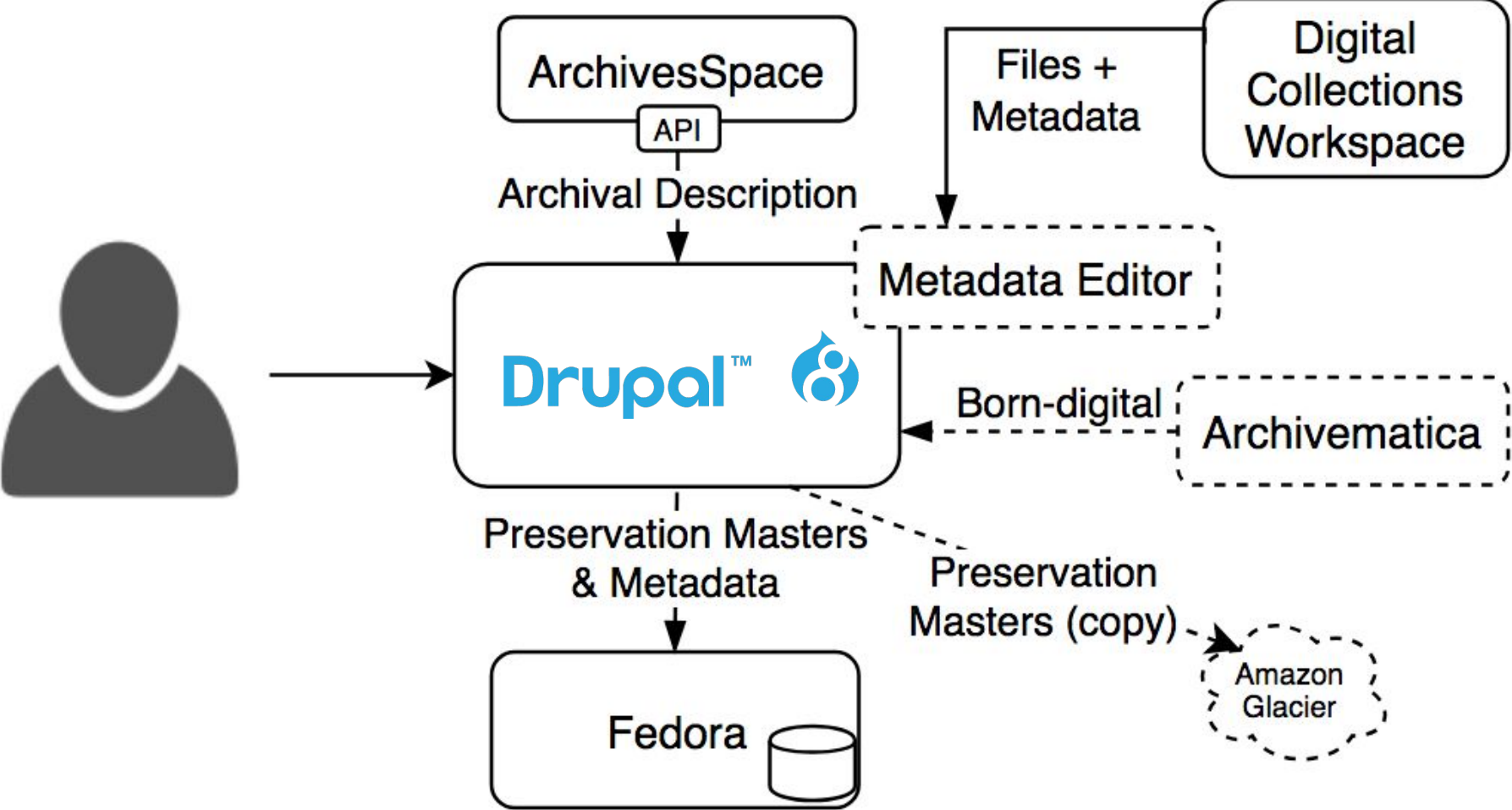- Archival description site with links to digital objects.

Parallel Projects:
- Authority Management
- Linked Data

Critical Questions

- Do we invest more in local development OR **community development**?
- Do we rely on **existing expertise** OR adopt new ones?
- How quickly do we need this done?
- How tightly coupled do we want our interfaces?

Planned Architecture

Development Stages and Tasks

Stage 1 (2018):

- Stabilize Islandora 8
- Content Modeling
- Bulk Loading
- Fixity Auditing
- Backup to Amazon

Stage 2 (2019):

- ArchivesSpace Integration
- User Interface Design
- OAI-PMH Endpoint
- Bulk Metadata Editor
- Workflow Improvements

Stage 3:

- Born-Digital Collections
- Additional Features

Stabilize & Install Islandora ~~CLAW~~ 8

- Significant shifts in CLAW architecture
  - Context module replaced Rules (January 2018)
  - Node→Media changed to Media→Node (June 2018)
  - Flysystem introduced (August 2018)

- Sprints!
  - 7.x→CLAW Migration (September 2018)
  - Documentation (March 2019)
  - Testing (May 2019)

- Initial Public Release **June 2019**

- Shaking out the bugs & adding features

Building on Islandora 8

- **Content Modeling**: LOTS of configs… and a bit of code

  - [Controlled Access Terms](#)

  - [Digital Collections Metadata Profile](#)

  - Complex Objects: field_member_of + Views

- **Bulk Loading**: Drupal 8's Migrate API

  - Lots more configs!

  - [Custom migrate process plugins](#)

  - Fixed loading [scalability issue](#)

Attend "Bulk-Loading Content into Islandora 8" @ 11am today to learn more!

ArchivesSpace/Drupal Integration

- Define Drupal Content Models
- Setup Synchronization (using Drupal 8's Migrate API)
  - API Consumption -> Source Plugin
  - Define mappings -> Configs + Process Plugins
- Create Views
- Theming

https://github.com/UNLV-Libraries/archivesspace-drupal

Archival Collections

MS-00380	Howard Hughes Public Relations Reference Files	1931 to 1997; 1946 to 1976	106.89 Linear Feet (116 boxes)
PH-00049	Las Vegas News Bureau Photographs	1947 to 1987	431 Photographic Prints
PH-00100	L. F. Manis Photographs	1900 to 1969; 1930 to 1940	9.9 Linear Feet (82 hanging folders, 8 boxes, 1 flat file, and 1 shared album of slides)
PH-00321	Howard Hughes Professional and Aeronautical Photographs	1916 to 1997; 1940 to 1957	4.5 Linear Feet (16 hanging folders, 2 flat files, 2 shared boxes of negatives, and 1 shared binder of slides)
PH-00373	Howard Hughes Public Relations Photograph Collection	1930 to 1950	2.6 Linear Feet (28 hanging folders)

L. F. Manis Photographs

Identifier
PH-00100

Archival Resource Key
http://n2t.net/ark:/62930/f1vk60

Date
1900 to 1969
1930 to 1940

Extent
9.9 Linear Feet (82 hanging folders, 8 boxes, 1 flat file, and 1 shared album of slides)

Related Digital Objects

Photograph of the Flamingo Hotel at sunset, Las Vegas, circa mid 1950s

whh000011

Exterior view of the Flamingo Hotel at sunset. The illuminated champagne tower is visible and a marquee advertising Betty Grable and Harry James is seen in the background.

Community Contributions For The Win!

- Fixity Checking provided by Mark Jordan (Simon Frasier): **RipRap** (https://github.com/mjordan/riprap)
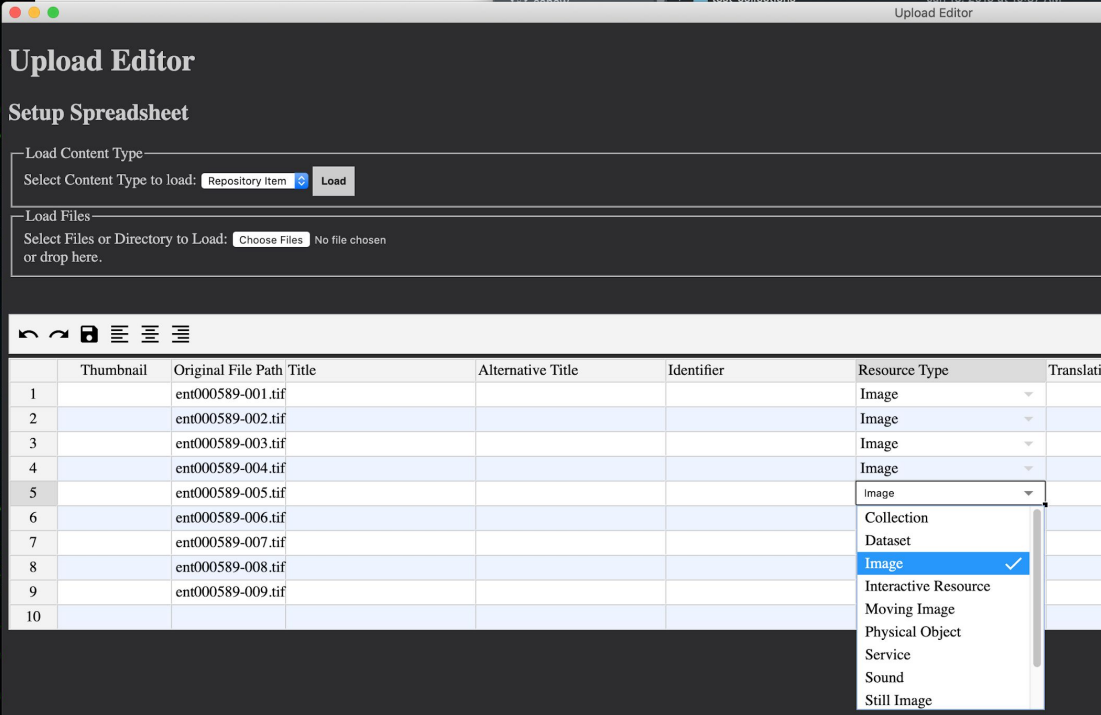
- OAI PMH Endpoint provided by Joe Corral (Kent State): **REST OAI-PMH** (https://www.drupal.org/project/rest_oai_pmh)

Bulk Metadata Editor

Islandora Workbench Desktop,
by Mark Jordan and Myself (so far)

So, are we ready to go yet? … not quite.

- Metadata remediation (i.e. cleaning house and packing up before the digital move)

- OAI-PMH customization

- User experience design and theme implementation

Questions or comments?