

# Managing Digital Assets from Curation to Exhibition

Reintroducing MAGPIE  
Metadata Annotation GUI Providing Ingest and Export

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# Challenges

- Annotating digital assets
  - Accuracy
  - Efficiency
  - Normalization
  - Synchronization
- Managing digital assets
  - Multiple collections
  - Varying sources
  - Varying destinations
- Exhibition
  - Exhibit multiple collections with annotations

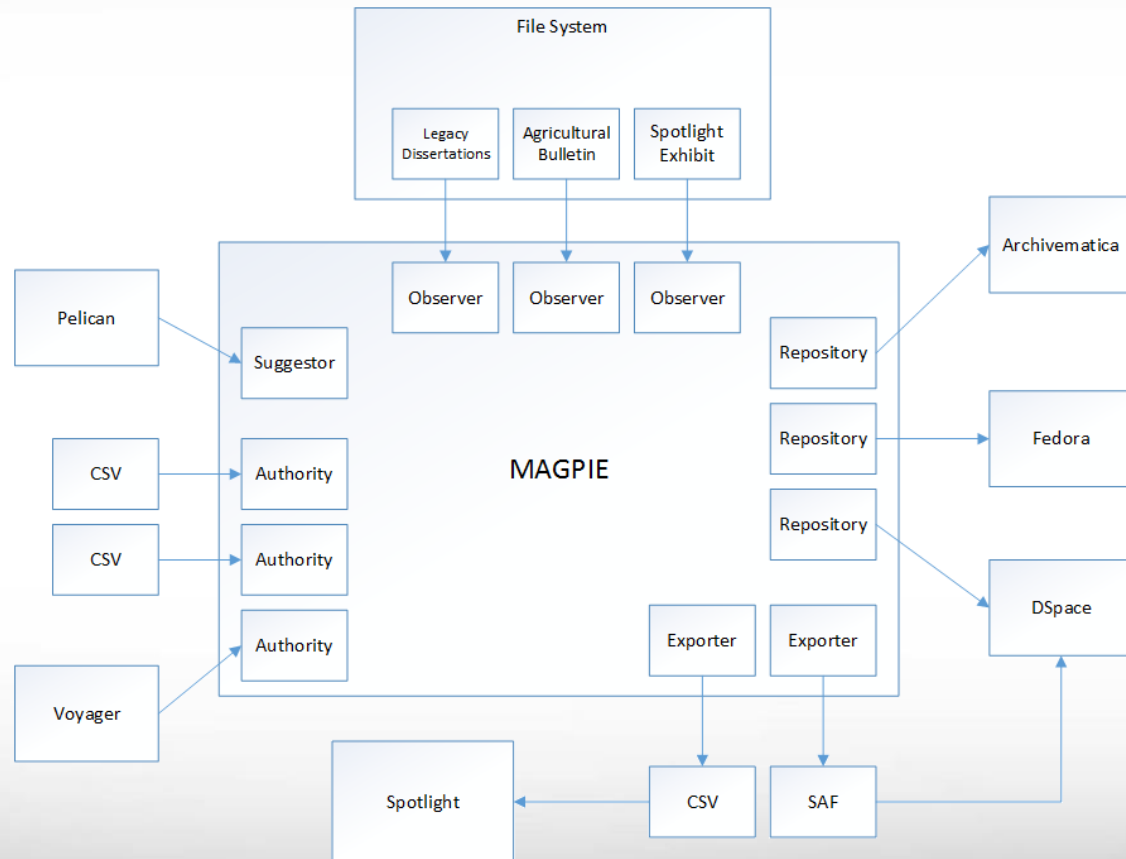
# Use Cases

- Legacy dissertations
- Agricultural Bulletin
- Image Collections
- Newspapers and articles
- Existing Collections
- Etc.

# Ecosystem

- MAGPIE Service and UI
- Pelican Service
- Authorization Service
- Scanning workstations
- Abby OCR
- DSpace
- Fedora
- Archivematica
- Spotlight

# Ecosystem



# Components

- Projects
- Observers
- Authorities
- Automatic Suggestions
- Exporters
- Repositories
- Exhibits

# Projects

- Defined by JSON
- Configurable
  - metadata input
    - label
    - gloss
    - input type
  - authorities
    - CSV
    - Voyager
  - suggestors
  - repositories
    - DSpace
    - Fedora
    - Archivematica

# Observers

- listen to directories
  - new projects
  - new documents
  - ingest notification from IR
- local file system
- network drive



# Authorities

- CSV
  - populated with document name and metadata
  - maps to document's metadata
- Voyager
  - requests MARC record
  - maps to document's metadata

# Automatic Suggestions

- Pelican
  - semi-automatic suggestion
  - provides detailed suggestions to annotator

# Exporters

- SAF
  - DSpace
- CSV
  - DSpace
  - Archivematica
  - Spotlight

# Repositories

- DSpace
  - single item ingest
  - batch ingest
- Fedora
  - single item ingest
  - PCDM ingest
- Archivematica
  - initiates archival transfer

# Exhibits

- Spotlight
  - batch upload using CSV
  - items from Fedora \*duplicated in Spotlight

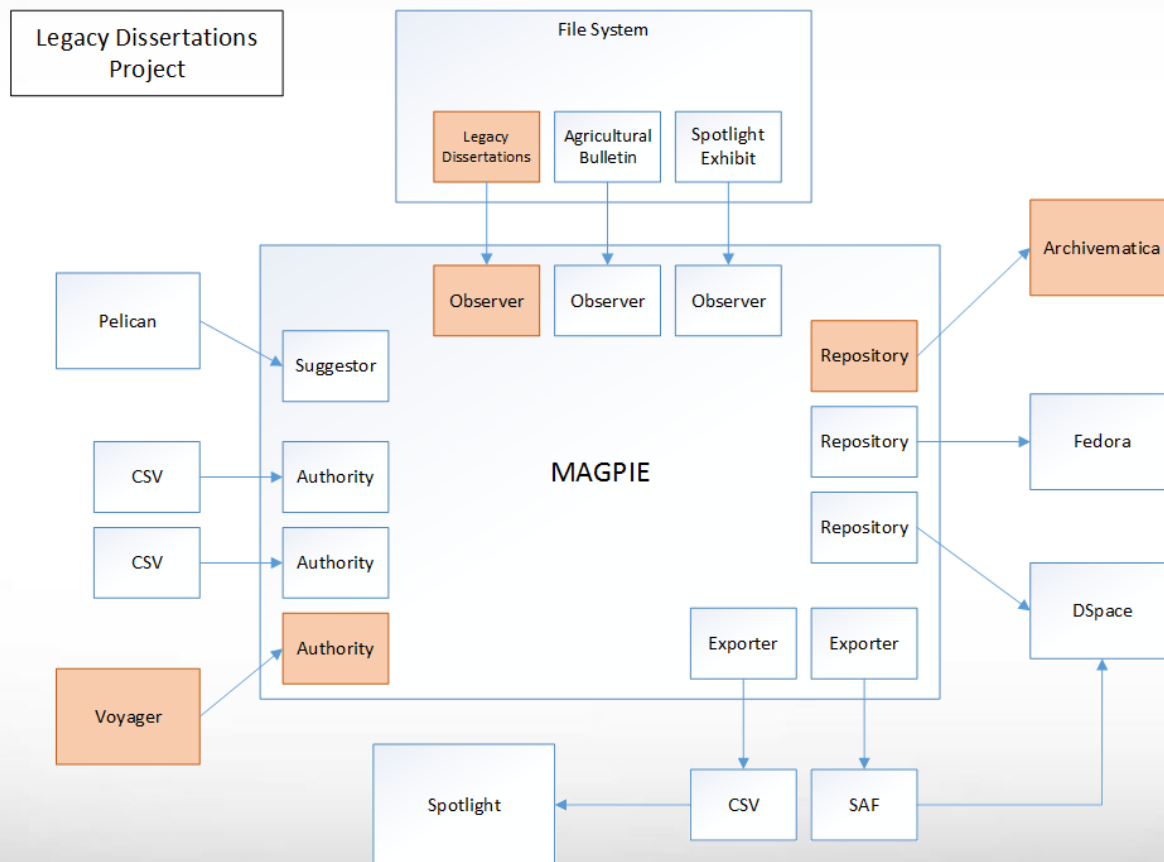
# Workflow

- Documents
  - scanned with OCR
  - existing in IR
  - images from physical exhibit
- Annotations
  - automatic from authorities
  - semi-automatic from suggestions
  - manual input

# Workflow

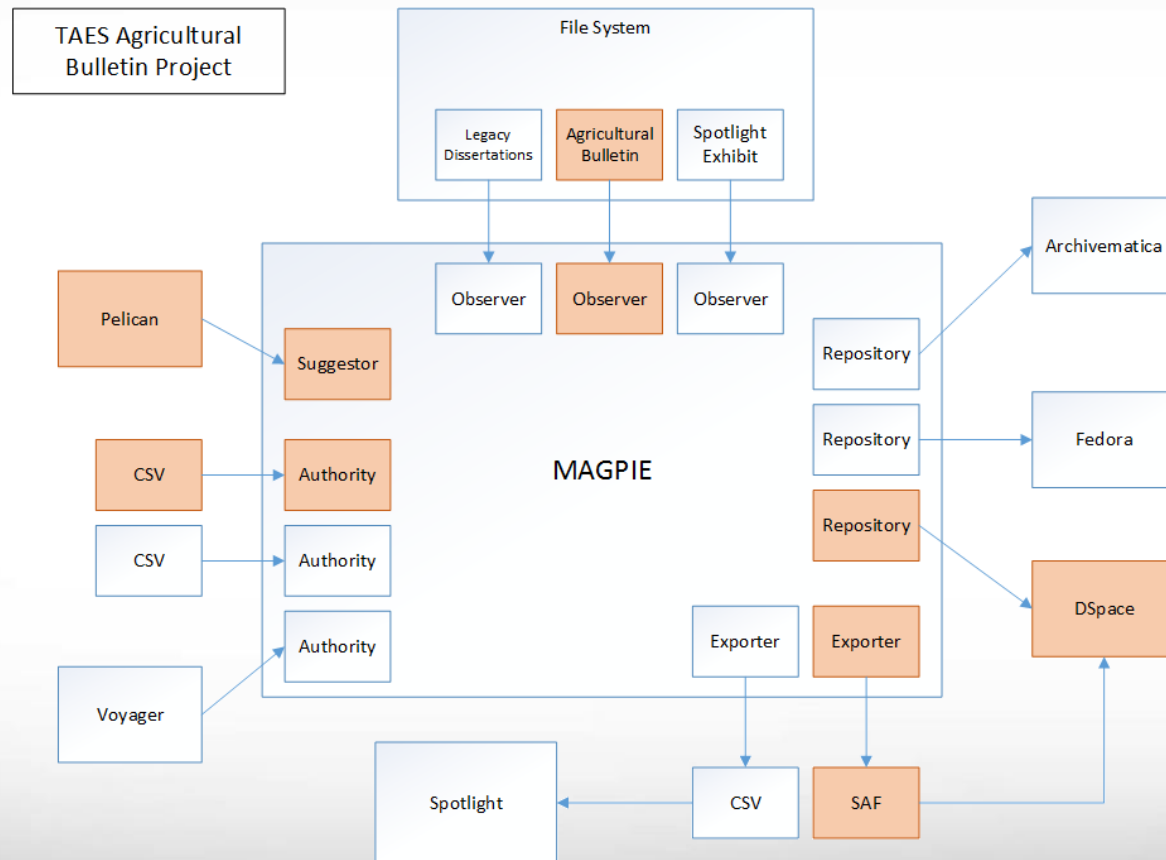
- Exports
  - CSV
  - SAF
- Ingests (Batch or Single)
  - DSpace
  - Fedora
  - Archivematica

# Demo – Legacy Dissertations

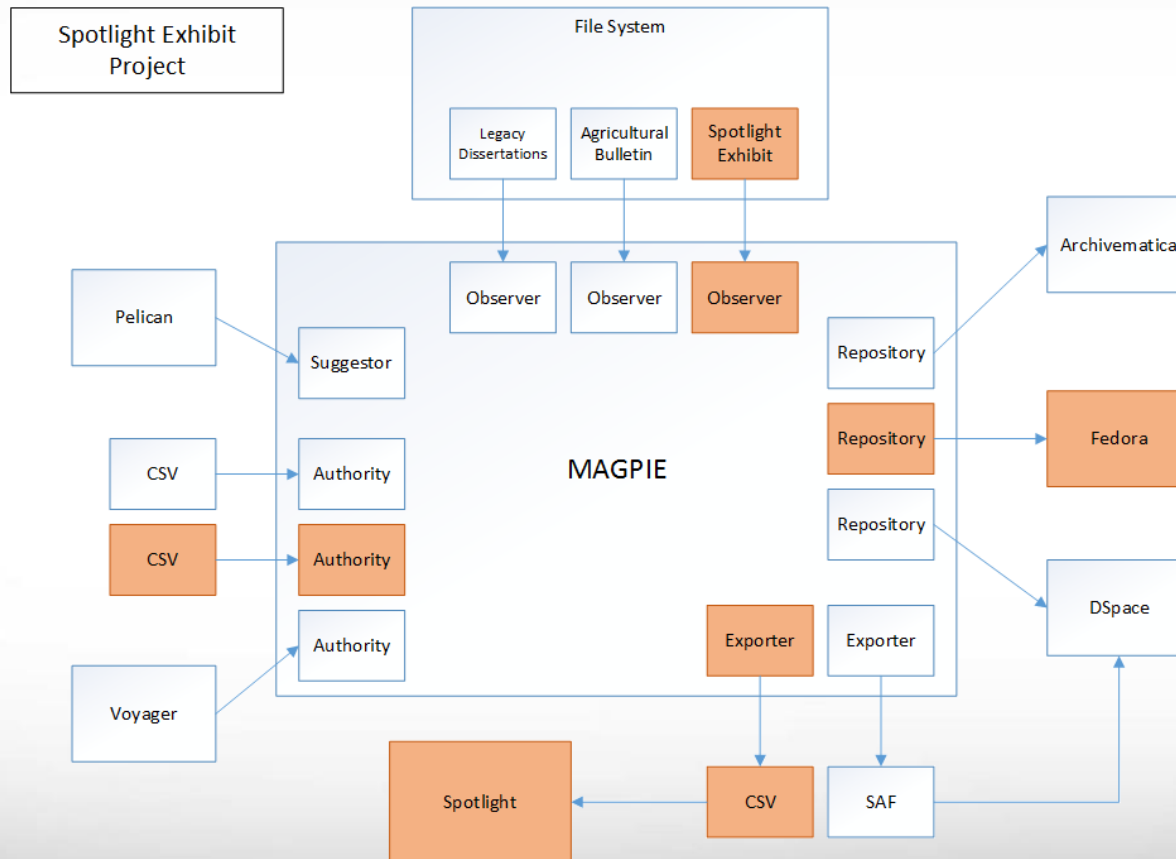




# Demo – Agricultural Bulletin



# Demo – Spotlight Exhibit



# Future Direction

- UI managed projects
- UI annotation to support PCDM
- Heuristics to guess metadata

Thank You.

Any Questions?

