The Art Institute of Chicago
Fedora 4 DAMS Update

Stefano Cossu, Director of Application Services – The Art Institute of Chicago – scossu@artic.edu
DC Fedora User Group Meeting – USDA National Agriculture Library, Beltsville, MD – March 31st, 2015
Followed F4 alpha and beta development
Experienced with JCR and Modeshape features
Understood Fedora long-term goals better
2015: Getting Down To Business

- Capitalized on previous learning experience
- Defined milestones; more conservative feature set
- Adopted as many community standards as possible
- Proposed non-core features
## AIC DAMS Phase 1 (2015)

### Internal Area

- **Storage and Preservation**
  - LAKE (Fedora)
    - Content and Metadata Repository

- **Hydra**
  - Security Gateway
  - Content Management and Delivery API
  - Search API

### Content Management

- CITI
- Launchpad Authoring
- OSCI Authoring
- Other Management Systems
- Phoenix

### Public Area

- **Publishing**
  - LAKE Web (Fedora)
    - Public Content Repository
    - Public Contents and Metadata
      - (Camel-automated content filtering)

### WWW

- **Consumers**
  - Collections Website
  - In-Museum Apps
  - Mobile Apps
DAMS Phase 1: Hydra Component

- Gateway for all client access
- Content modeling
- Security framework
- Manager front end
- Custom REST API
DAMS Phase 1: Camel Integration

- Indexing
- Content filtering and deployment (public mirror)
- Automation (sequencer migration)
DAMS Phase 1: External Systems

- Federation performance still not production quality
- Alternatively use Camel to CRUD external records
- Integrate legacy CMS on a separate timeline
AIC DAMS Phase 2 (2015-2016)

- Adopt PCDM and WebACL when stabilized
- Support more media types, complex models
- Publishing contexts
- More automation tasks (Camel)
- Triplestore index with RDFS/OWL inference
Thank you

- Dialog is welcome
- Post on Google Groups: https://groups.google.com/forum/#!forum/fedora-tech
- E-mail me: scossu@artic.edu