Yale Digital Collections Center (YDC2)
Digital Content Platform Architecture

2013-06-26, v1.6

Lab Instrumentation

Conservation Lab
Digital Imaging Lab

Virtualized File System

Metadata Extraction

↑ *Data*
↓ *Media*

Museums & Libraries

Artifacts

Cataloging

OAI Provider or XML

Collections Management

Photos Imaging Testing

Stage

LOC Bag-It Tool

Data Management & Curation*

Research Teams

Aggregate	Manage
File System	Access Control
Cloud Storage	Versioning
Lab Notebook	Management
Others	Distribution

API

Redundant Storage Clusters

Metadata Management

System Administrators

Aggregate	Manage
OAI	Access Control
XML	Versioning*
RSS	Management
Others	Crosswalk/RDF*
	Distribution
	Relationships*
	Persistent Links

Media Management

Arts Area Professional Schools

Aggregate	Media Manager 7.x
LOC Bags	Access Control
Hotfolders	Versioning
Bulk Upload	Management
Upload	Conversion
Metadata Extraction	Streaming
	Distribution

API

Media Request Tool

Redundant Storage Clusters

Discovery & Delivery

Data Delivery Service*
File System
Cloud Storage
External Repositories

Discovery Service
Metadata Delivery*
Solr 3
Solr 4*
Project Indexes
Linked Data*
OAI
Others

Content Delivery Service
Distribution*
Media Storage
Scalable Image
Streaming*
3D* & Others*

Cloud Storage

Digital Preservation

Preservation
Validity Checks
Reporting
Media Refresh

Redundant Tape

Offsite Storage

API

Websites and Discovery Sites
Arts Area Media Discovery
Arts Calendar*
Digital Humanities
Discover Yale Digital Content
Museum and Library Websites
OPAC Media Discovery

Content Frameworks
Classes*v2*
Drupal*
Wordpress

Research Tools
Annotation
Cultural Heritage Computing
Medieval Manuscripts
Transcription*

Global Distribution
ArtStor*
Disciplinary Repositories*
Digital Public Library of Amer.*
Publishers*

Yale
Global Access

Powered by YDC2 - Yale Digital Collections Center

* Planned or under development for FY2014