

Release Summary for R4.0 and R5.0

- 1. Release 4.0.** This release contains significant new features and also covers remaining IMLS requirements. Possible features for this release are listed below, separated into the major areas of architecture, enhancements, and new features. **This release is probably year-end 2006.**

Architecture/System

- WMS output of FOXML and ingest of FOXML (Yang/Jeffery)
- WMS editing of Fedora objects (Yang)
- Functional datastream IDs for all remaining objects. (Yang)
- Generic design to enable a collection partner/owner to create a custom portal to their collections. (Chad)
- WMS support for metadata: born-digital, rights, and preservation. (Yang)
- Large File ingest (64 bit mode, PHP recompile, local file ingest, etc) (Sho)
- Update of Handle software (Sho)
- Journal export to RUcore (Shaun)

Enhancements

- WMS usability features – WMS Help Center (Shaun)
- Full text searching enhancement to enable a full text search to locate on a page (rather than the object) for any multipage ocr-ed document. (Jeffery)
- Video enhancements – Quicktime and no compression for master (Yang/Jeffery/Isaiah)

New Features

- New object architectures including newspapers, photo album, and artifact. (Ron)
- Collection architecture hierarchy and associated user interface. (Chad/Jeffery)
- Faculty templates with A/A and personal faculty collections. (Yang/Shawn)
- First official release of ETD capability (Shaun)

- 2. Release 5.0 – March 2007**

- File validation – use of JHOVE – investigation only
- Definition of groups for fine grained authorization in dlr/EDIT
- Watermarking of the digital object. We may substitute an html wrapper for watermarking.
- Video streaming
- Digital preservation portal and preservation services (part of COE initiative)
- Controlled vocabularies for faculty templates
- Authorization/Authentication for RU and external to RU including collection and object level
- Document/structure WMS for open-source release.
- Web archiving prototype
- Custom disseminators for sound and video
- MARC export from RUcore
- Full authentication and authorization, with administrator and contributor levels, and the ability to extend to users, for a future “MyPortal” implementation
- Define an XML schema for ingest that tracks our official metadata definition.
- Data archiving prototype.