

## Summary of RUcore Releases

1. Release 1.2. This is a bug fix/MR release only, i.e. there will be no new features. The release is scheduled for delivery to the public on May 1, 2006. R1.2 will also be the last release developed on sallie. Sallie will be decommissioned and the development is being moved to lefty.
2. Release 2.0. In this release, we will take all the R1.2 functionality and move it to Fedora 2.1.1. Major changes include slightly different API interfaces and update of functions looking METS tags. Note that the Fedora internal representation will be FOXML however ingest and export can generate METS if need be. In order to be able to identify problems with Fedora 2.1, we will not introduce any new functionality into this release. R2.0 is scheduled for release to the public on June 12, 2006.
3. Release 2.1. This release will address specific WMS features that will expedite ingest for NJDH. Target release to the public is July 10, 2006
  - Integration of MIC mapping utility into WMS. Generic capability to ingest resources using specialized metadata schemas such as DDI for social science data and FGDC for digital maps.
  - Batch upload/ingest integrated into WMS
4. Release 3.0. This release will satisfy the remaining IMLS grant requirements and also introduces new architectural enhancements for increased capacity and sustainability. Proposed features for this release are shown below. R3.0 is targeted for an early Fall release.
  - Functional datastream IDs, e.g. use PDF1 rather than the generic DS1.
  - Development/enhancement of the WMS workarea architecture
  - WMS usability features
  - WMS output of FOXML
  - Generic design to enable a collection partner/owner to create a custom portal to their collections.
  - Full text searching enhancement. This capability would enable a full text search to locate on a page (rather than the object) for any multipage ocr-ed document.
  - New object architectures – video and photo album
  - Faculty templates with A/A and personal faculty collections.
5. Release 4.0. This release would contain significant new features and would probably be broken up into two releases depending on release content and priorities. Possible features for this release are listed below with a suggestion for prioritizing into two releases.
  - Custom disseminators for sound and video
  - Development of collection architecture hierarchy. This feature impacts the user interface, the structure map of the collection object, indexing of collections, and how we use some of the new capabilities in Fedora such as relationship services.
  - MARC export from RUcore
  - First official release of ETD capability
  - Full authentication and authorization, with administrator and contributor levels, and the ability to extend to users, for a future “MyPortal” implementation
  - WMS editing of Fedora objects
  - Define an XML schema for ingest that tracks our official metadata definition.
5. Release 5.0
  - Digital preservation portal and preservation services (part of COE initiative)
  - Web archiving
  - 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.
  - Watermarking of the digital object.