

## DEVELOPMENT ROADMAP FOR CUFTS ERM

(revised Dec.15, 2008)

### 2009: Q1 & Q2

- Complete 2008 items:
  - Statistical and other reports
  - Customizable interfaces
  - Import/export tools
- Major code refactoring. Commence development on following:
  - Perl Moose support where appropriate
  - ORM / database / models enhancements
  - Business logic into data models, also unit testing for data models
  - Switch to DBIx::Class from Class::DB
  - Investigate database type options for some data, e.g. COUCHdb
- Rest APIs for data
- CJDB and CRDB:
  - Template clean-up
  - Improved caching, handling of static resources, logged in/out status
- CUFTS public tools: bug fixes and various enhancements
- Email notification function in workflow
- OCLC e-sericals holdings reporting using Google Scholar standard
- Online help and documentation revisions
- Minor interface enhancements:
  - Additional padding under “red alerts”
  - Titles highlighted as links
  - ISSN display relocation
  - Embargo period: text changes for display note
- MARC data mapping for Order data from Innovative
- Investigate options for integrating dbWiz and CUFTS subject profiles maintenance

### 2009: Q3 & Q4

- Complete major code refactoring and related clean-up
- Complete API work
- Job queuing system for background updates, e.g. data loads
- Commence internationalization support: codebase preparation, e.g. add language layer
- UNICODE for all data
- Updates scheduler for resources
- Basic editor for public notes field
- Statistical enhancements: cost/usage; access log info.

### 2010 and on: Under consideration

- Full internationalization support, e.g. all interfaces, data in multiple languages
- Maintenance tool rewrite:
  - Javascript-centric interface using REST APIs
  - Move CUFTS public tools to standalone mode
  - Move to Chained Catalyst dispatch
  - Online help improvements
- Autonotification options in workflow, e.g. email requesting new catalogue entry
- Integrated dbWiz and CUFTS subject profiles maintenance
- Licence data import/export, e.g. ONIX PL?
- Integrated link checking tool