

Meeting Notes - 24 July 2015

Meeting: Hussein, Darryl and Craig

- Report Writer:
 - embedding reportserver into DSpace
 - SQL statement creator
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- Ingestion Manager:
 - log successful and unsuccessful submissions (using a specific logging design pattern)
 - batch submissions required
 - needs a workflow
 - requires a holding area (approve/not approve)
 - use api to get list of IDs
 - drop down list of collections
 - One option:
 - POST to mapper
 - Response will be metadata
 - Another option:
 - go first to mapper then forwards to ingest manager
 - needs to be seamless
 - Oauth for user login from dspace instead of logging in again
- Mappers:
 - schema mapping
 - date library
 - save a mapping of csv to reapply at another time to same source csv
- Documentation required:
 - class diagram
 - sequence diagram
 - use cases
 - package diagram
- initially design => guide
- eventually design => statement of design
- Development Methodology:
 - consider an iterative waterfall
 - (probably best) some kind of iterative SE process with elements that are agile
 - agile ability: ability to modify requirements as ongoing processes instead of trying to fix things
 - spiral model
- UML in final report -> include a link to a website with the UML diagram

- operational debug information for when the software is running in production should use a logger
- Package Management:
 - makefiles (use Ant for java)
 - source code separate from install (packages)
 - SCM software config management
- Deep integration - link within dspace to our components
- other option - link to separate page which then links to our components
- Run Tomcat separately from within IntelliJ
- Where to now:
 - Consult user, need direct feedback
 - Show/tell that what you plan on doing
 - ask what are their thought on a certain idea?
 - ask: does this seem reasonable?
 - consult expert users
 - consult larger audience
 - join DSpace mailing list
 - consult IR talk mailing list
 - Moderator Hilton Gibson
 - consult the moderator of the UCT DSpace
 - consult Lighton Phiri
 - does what the people say align with what we are planning
 - draw up questionnaire to send to the mailing lists
 - include report writer in the questionnaire