

2012-03-12 DfR Technical Meeting

Regular Attendees

- Andrew ★
- ~~Bill~~
- ~~Brad~~
- Chris
- Dan
- ~~Jonathan~~

General

- Call In To: [Free Conference Call HD - DuraCloud Line](#)
Please note that we will be using the Free Conference Call HD line for this call. Information about calling into this line is available from the link above.
- ★ - Indicates who will be taking minutes

Discussion Topics

[Planning Board](#)

[Task Board](#)

[DfR Planning and Estimating - 0.1](#)

Topic	Discussion Leader
Planning and Task Boards - Review and Building the Backlog	Dan
Conceptualizing/Design Synch Tooling	Dan
Project and Partners	Jonathan

Actions from last meeting

[Last meeting](#)

Last Weeks Actions:

Action Item	Assignee	Status
Write Cards for Updates to Support OCS - Add on Tasks for Iteration 1	Chris	
Determine key pipeline tools to demo (characterization), Connect to FITS or others	Dan and Jonathan	
Rephrase DfR 1 to better fit future iterations	Dan	
Rephrase DfR 74 wrt Fedora	Dan and Chris	
Better conceptualize accounts for DfR	Team	Postponed
Conceptualizing/Design Synch Tooling	Bill	
Better set the feasible scope for this year in automated metadata collection	Team	
Connect to Paul Pound on Islandora	Dan	

[Related Information](#)

[DfR Software Next Steps - Jan 2012](#)

[2012-01-03 - Architecture Meeting, Temple University](#)

Status

- Jonathan
- Andrew
- Bill
 - In progress: [DFR-74](#).
 - First step, creating wrapper [DuraBoss application](#) is complete

- Bit integrity service handler is in process.
- Brad
- Chris
- Dan
- Jonathan

Minutes

1. review of last week's meeting
 - a. conceptualizing sync tool
 - b. want to pick out a few things we want to show
 - can currently push files to DuraCloud
 - need to be able to make this more usable/useful to the user
 - need to be able to build good Fedora objects (OCS)
 - c. how to make Fedora objects richer
 - characterization: customizable pipeline
 - format identification, can create tooling if we know more than mime of an item
 - extracting geo-location info
2. trying to define the picture of what we will be able to demonstrate
 - demonstrate content characterization
 - would like to associate metadata on client-side with various directories
3. fedora objects rendered in SI UI
 - key question: when do people input extra metadata
 - on client-side?
 - after content is exposed in SI?
 - where does it make sense for format identification to happen?
4. OCS as a general pipeline
 - can be entered from SI UI as well as from the sync tooling
5. we need some stories for demonstration scenarios
 - file characterization (tie-in pronom)
 - client-side association of metadata with directories
 - demo end-to-end flow of content
 - capture relationships of directories and items for rendering collections
 - show project organization
 - show filesystem view
6. Dan to get a virtual machine from Paul Pound
7. need to work out issues of authN/authZ with SI and underlying DfR
 - enable an embargo capability
 - access control
8. certain people/roles have certain capabilities
 - need to enforce policies around those roles
 - fedora to use the primitives in DuraCloud, but go beyond them
 - env attributes, resource-oriented attributes, etc
9. stories
 - use characterization tools to mark up objects with mimetype
 - use characterization tools to mark up objects with format-id beyond mimetype
10. example
 - extracting metadata from photos
 - time
 - camera info
 - geo-location?
11. implementation
 - when do we augment fedora objects?
 - what is the responsibility of the OCS?
 - simply adding original content into fedora?
 - additional characterization happens later, and references the original objects
 - considering a firm technical distinction from object creation & object characterization/enrichment
12. need to add new demo stories to jira

Actions