

# 2012-07-02 DfR Technical Meeting

## Regular Attendees

- Andrew
- Bill
- Chris
- Dan
- Jonathan ★
- Danny

## General

- Call In To: [Free Conference Call HD - DuraCloud Line](#)
- ★ - Indicates who will be taking minutes

## Discussion Topic

[DfR 0.2 Jira](#)

| Topic                   | Discussion Leader |
|-------------------------|-------------------|
| Update on SIdora Setup  | Dan               |
| DfR Directory Selection | Danny             |

## Actions from last meeting

| Action Item                                      | Assignee | Status |
|--|----------|--------|
| Add a task for implementing a client installer   | Dan      | ✓      |
| Get a functional SIdora AMI                      | Dan      | ✓      |
| Create an AMI for running OCS and other services | Dan      |        |

## Status

- Jonathan
- Andrew
  - In Progress: Shib over DuraCloud MC ([jira](#))
- Bill
  - Completed [DFR-90](#), UpSync deployment investigation. [Notes available here.](#)
- Chris
- Dan
  - Worked with DGI to creating a functional SIdora
  - Created an AMI from it (one bug remains - some Tabbed forms don't render properly)
  - Work on objects examples for ingest
  - Bring up OCS code (note: it does not have an execution environment outside of test)
- Danny

## Minutes

### Sidora

- Good response from TJ; junior person did initial setup
- Sidora:
  - There's a set of object models; leaf node and collection node concepts map one-to-one to Fedora
  - Object models loaded through Fedora; solution pak is set of object models, set of Drupal modules (e.g., collection and item-like things), can have multiple solution paks loaded
  - Drupal provides the view plus other functionality, includes internal database providing info for presenting views;
  - Solution paks are specializations loaded on top of Drupal and on top of Fedora
  - Dan: Some additional things should be stored in Fedora.
  - Use Drupal product called Skinner that manages skins
  - Driven by a set of XML forms; there is a form builder or you can load pre-built form from XML file; series of XSL transforms--used in many cases to put data into Dublin Core; set of associations map form, transform, and object model.

- DC, MODS records; metadata is mostly mapped to inline XML datastreams; you can upload a data datastream to Islandora; When you upload a file to Islandora it becomes managed data in Fedora;
- You can add new content models on top of data already there
- We don't yet have good documentation off Sidora content models; need to view the XML to make sense of them
- Manual process to configure Sidora; part is SSHed into a server, part through the administrative interface
- Currently: The AMI is created, the instance automatically starts Fedora; has Sidora modules in it, has some data in it. Not sure we have a file/directory object model
- There's a bug affecting the rendering of some tabs
- We should be able to load item and view it, add metadata and view it, at the end of this iteration
- We are done for this iteration

#### Sync Tool

- What browse and select capability should we deploy? Danny will investigate

#### Shib Implementation

- Work happening on Management Console side
- Spring config setup for basic auth; at Apache level it bumps you over to Shib IDP, does auth against LDAP, bounces you back to MC

## Action Items

See above for now.

| Action Item | Assignee | Status |
|-------------|----------|--------|
|             |          |        |