

# 2017-02-10 Phydo architecture meeting notes

## Date

10 Feb 2017

## Attendees

- [Andrew Myers](#)
- [Randall Floyd](#)
- [Daniel Pierce](#)
- [Amol Khedkar](#)
- [Adam Ploshay](#)

## Agenda

- Code organization
  - Separating the apps from the gems: let's all make sure we're on the same page.
  - Where does everything live? Are we neighbors, housemates, or what?
  - Which repositories don't we need anymore?
- Dual implementations of Phydo
  - Manage it with forks?
- Plan the work!!!
  - Make tickets!

## Action items

Make JIRA tickets for all of the following checkboxes. A checked box means the task is either already completed, or there is a ticket in JIRA for it. Please refer to JIRA for current state of progress on these tasks.

- **Code organization:**
  - Create new repo <https://github.com/IULibTech/phydo> ([Daniel Pierce](#))
    - Done in meeting
      - This is the soon-be-home of the code currently at <https://github.com/WGBH/hydradam2-app>
  - Create new repo at <https://github.com/IULibTech/hyrax-async> ([Daniel Pierce](#))
    - Done in meeting
      - This is where code will live that handles asynchronous interactions at the Hyrax level.
  - Create new repo at <https://github.com/IULibTech/hyrax-preingest> ([Daniel Pierce](#))
    - Done in meeting.
      - This is where code will live that handles the pre-ingest logic.
  - Get all PRs merged (or closed) for soon-to-be-deprecated <https://github.com/WGBH/hydradam2-app> ([Andrew Myers](#), [Amol Khedkar](#))
    - JIRA ticket: [HDM-799](#)
  - Merge branch `iu-demo` into `master` for <https://github.com/WGBH/hydradam2-app> ([Andrew Myers](#), [Amol Khedkar](#))
    - JIRA ticket: [HDM-821](#)
  - Push `master` branch of <https://github.com/WGBH/hydradam2-app> to <https://github.com/IULibTech/phydo> ([Andrew Myers](#)).
    - NOTE: this effectively moves the repo from the `WGBH` Github organization to `IULibTech` Github organization.
    - JIRA ticket: [HDM-822](#)
- **Asynchronous storage**
  - Create the initials for the `hyrax-async` gem, and submit PR to <https://github.com/IULibTech/hyrax-async>
    - JIRA ticket: [HDM-826](#)
- **Discoverable files**
  - SPIKE: Investigate "flippable" features in Hyrax, and answer this: Is Hyrax's "flippable" feature framework capable, and practical, for implementing the "discoverable files" feature?
    - JIRA ticket: [HDM-825](#)
    - NOTE: that outcomes from the Hydra File Sets Working Group may impact what we actually want to be discovered here - i.e. File Set objects vs File objects. If a discoverable files feature is hard coded to handle discovery of File Sets (as opposed to Files themselves) then this could end up as a high amount of technical debt if the way of handling and modeling File Sets and Files changes.
    - NOTE: We do prefer that the discoverable files feature be implemented as an optional feature within the core code of the Hyrax stack if possible.
- **Hyrax Preingest**
  - Create initials for `hyrax-preingest` gem, and submit PR to <https://github.com/IULibTech/hyrax-preingest>
    - JIRA ticket: [HDM-823](#)

- Port tests and features from <https://github.com/IULibTech/phydo> (relating to preingest logic) to the `hyrax-preingest` gem.
  - JIRA ticket: [HDM-824](#)
- Add a test for ingest that includes ingesting external file URLs. (Adam Ploshay, Amol Khedkar)
  - We want to have an integration test for ingestion that tests Hydra-works capability introduced in [PR #319](#).
  - It's ok to leave this test as "pending", until PR #319 for Hydra-works gets merged. The point of the test is to tease out what else is needed in order to expose the lower-level functionality of attaching external URIs as files.
  - JIRA ticket: [HDM-827](#)
- ~~Modify code in <https://github.com/IULibTech/phydo> to use `hyrax-preingest` gem, instead of having it baked into the app.~~ **EDIT:** This should come out in the wash when working through the tickets that result from HDM-827 (see above).