June 2012 Agenda and Notes

Logistics

- **Meeting Location:** University of Virginia
- **Clark Hall (building 11) at 281 McCormick Rd, Central Grounds UVa**
- **or section D4 on this map**
- **C'ville Accommodations**
- **Dates:** Wednesday June 6 - Friday, June 8
  - Wednesday: 11 AM Assembly, 11:30 AM start time (Clark Hall/Brown Science and Engineering Library, 148)
  - Thursday: Steering 8:00-9:30 AM, Partner's Meeting starting 9:30 AM, end 5 PM (Clark Hall/Brown Science and Engineering Library, 148)
  - Friday: Partner's Meeting starting 8:00 AM, wrap-up 5 PM (Clark Hall/Brown Science and Engineering Library, 148)

Attendees

- **Attendee Roster/Registration**

Partners’ meeting

- Institutional Updates
- Preservation and Fedora
- Fedora Development Roadmap & how it relates to Hydra
- APT & DPN
- Fedora performance, scalability
  - ScholarSphere
  - MediaShelf Fedora sharding project / benchmarks
- Date and venue of next meeting (September)? ND? RockHall?
- New Release Managers
- Should the website have more ’up front’ info about software releases? (See Islandora.ca)
  - which website?
- UI code and the Hydra stack
  - How do “you” create a new hydra head?
  - Splitting out UI code
    - how feasible is this
    - who will maintain it?
  - how maintain integrity of full stack? (i.e. if changes to a part of the framework breaks the UI)
- is there enough overlap to warrant an institutional repository hydra head?
  - is there enough commonality? data, modeling, ui needs, etc.?
  - make this the demo instance?
  - demo instance
- Documentation checkup (non-technical)
  - what is missing? what gaps exist? how will we fill them?
  - are the different web site purposes clear? (projecthydra.org, duraSpace, github ...)
  - can folks find what they need? (newbies, wannabes, explorers, etc.)
  - Related Jira issues, aka “The Hierarchy of Promises”
    - HYDRA-507
    - HYDRA-508
  - Tech doc basic requirements (e.g. "documentation must be sufficient for newly adopting developers to be able to …")
  - OR12 planning
    - Talks and their presentation (calendar?)
      - Workshop
    - Hydrasphere FUG talk
    - Table/stall for demos and as focus for conversation
      - Social?
  - Code license review
  - Software/hardware stack exchange of information (to be carried on in the developers meeting as required)
    - Where is everyone with the different software components (i.e., what is the stage of implementation for each site)?
    - How can local institutions best keep pace with keeping local apps in sync with latest developments?
    - What issues have arisen in upgrading (and could be useful learning for prospective partners)
    - What hardware stack are partners using, and what pros/cons have been identified in these choices?
- Fall webinars for DuraSpace
- HH5 update and planning
- Hypatia update (if Ben A. is attending)
- ScholarSphere demo/update
  - HydraCamp
    - 2012 details
    - potential 2012 attendees/institutions
    - evolving the model, expanding attendance, etc.
  - Repository service management: support flows, etc.

Partners' meeting - developers
Technical Release planning
  - Hydra-head
    - 4.1+
      - Will have all the code deprecated
    - 5.0
      - Will have removed deprecated code in Hydra-Head
    - 6.0
      - No plans
  - ActiveFedora
    - 4.x
      - Needs deprecations brought up to current standards.
    - 5.0
      - Will have deprecated code removed (MetadataDatastream, ask Adam Wead (and the list) whether he cares)
  - OM/Solrizer
    - 2.0 (not sure if anyone will actually tackle this. Might be cbeer)
    - Optimized documents (fewer fields created by default)
    - Insert and remove node with templates
    - Separating concerns
      - Addressing xml nodes
      - creating a solr document
    - Proxies can't override term indexing attributes (Ben will write a ticket for this)
    - Proxy vs Ref is confusing
    - More transparency to Nokogiri (path vs xpath)

Deprecation/Removal code practices
  - How do we decide what to deprecate?
    - TOMORROW
  - How are we deprecating (syntax) 4.1
    - What version it was deprecated in (as code comment).
    - Extend Deprecation
      - deprecation_deprecate :method_name (For each method that will be removed)
    - YARD @deprecated documentation
    - Classes/modules do not need any deprecation warning, so long as all the methods are deprecated

When do we deprecate?
  - DECIDED: When we deprecate functionality in a minor (e.g. 4.1) we can remove it in the next major release (e.g. 5.0)

which ruby platforms are we supporting?
  - Survey the list - What version of ruby is everyone deployed to?
  - can we NOT insist on a particular rubygem version
    - YES - this was because of a bug.
  - Can we get rid of .rvmrc
    - YES - have your own .rvmrc (don't check it in to git)
  - Get rid of Gemfile.lock (in AF)
    - YES put in the .gitignore
  - Recommendation: Keep Gemfile.lock at app level

Splitting out UI code
  - how?
    - Whiteboard exercise for tomorrow
  - Out-of-the-box Hydra Heads?
  - Hydra-as-a-framework helpers

Documentation
  - what is missing? what gaps exist? how will we fill them?

Hudson fun
  - Ruby autoload is going away in 3.0 (or at least deprecated)
  - OM roadmap
    - "insert node", "remove node" approach per Hydrus
  - Solrizer default behaviors (strategies for making Om terminologies less verbose in solr)
  - Security - Datastream-level permissions
  - The "depositor" field, apply_depositor_metadata, and the deprecated properties datastream
  - How to stay on the bleeding edge without bleeding out
    - Was a bug that HH was pinned to a specific version of AF.
  - Technical Documentation needs

HYDRA-804 What is necessary for creating a hydra model?

Test coverage
  - what is missing
  - how do we fill gaps

Course reserves

Wrangle Jira tickets older than a year

HYDRA-696 Ben worked on this.
Steering Group

- where should Hydra be in one year? Two years?
- December meeting. Steering Group only? Where?
  - discuss with Partners. Dec Partner meeting valuable?
- Protecting the Hydra brand. Trade mark process $5-10,000 ???
  - talk to lawyers
- Hydra Community Use Cases
- Hydra Meetings - SG, Partner and Developer Meetings
  - Sept 2012 and beyond:
    - Name should allow for mix of SG, partners and developer activities “Hydra Meeting”
    - Increased use of multi-track
    - Demos limit to twice per year at multi track meetings
    - Engineer Code Swap annual hackfest type meeting is desired (e.g. DIL or ScholarSphere into other IRs) Winter prior to Cod4Lib and DevConX would be good
    - An annual SG retreat to focus on strategic direction would be useful
  - Winter Meeting, Jan San Diego
    - Co-location with developers would allow combined dinner discussion
    - Time for SG to step aside and take a fresh look at Hydra direction
    - smaller number of people
    - visioning retreat
  - Overall
    - Winter Jan Developer & SG Retreat
    - Spring Mar LibDevConX & Hydra MultiTrack
    - Summer Hydra MultiTrack potentially co-located with OR?
    - Fall Hydra MultiTrack