Data Model/Information Architecture (Tuesday)

- versioning support (See VersioningProposal)
- revisions in the identifier system (see e.g. this old persistent identifier discussion)
- more flexible metadata options
  - often mentioned in connection with METS
- support for relationships between bitstreams
  - see BitstreamRelationships
- more robust content format support
- alignment with the JSR170 data model
  - see http://jcp.org/en/jsr/detail?id=170
  - interesting because:
    - looked at by a lot of people
    - specified interface with many possible implementations
    - leg-up over model with just GET/PUT
- Q: why should DS export the interface?
- revisiting how aggregation is modeled
  - currently done via Communities and Collections
  - May dovetail with JSR170 approach
- Scalability?

Interfaces and Modularity (Tuesday)

- where to draw the lines...
- Rob to review current "apis"
- Big Issues
  - allow "wacky" innovations that don't require major changes
  - adopters are having trouble upgrading to new versions after having made changes
- RJ to discuss: The Add-On Mechanism
- What "shape" should a "framework" be?
- What about user interfaces?
  - JSP-based vs. Manakin
- Scalability?

Information Lifecycle management/workflow (Wednesday/Thursday)

*Weds: ePerson/identity mgmt

- Authentication??
- Authorization/Policy stuff (john)
- Scalability?
- History and provenance?
  *Thursday: auditing, content authN and integrity
    - Larry Stone (MIT Libs)

Concrete Model/Asset Repository (Thursday)

- storage-layer api?
  - related to jsr170
  - THIS is where the jsr170 discussion should be
- storing aips?
  - two issues:
    - encoding issues (mets, mpeg didl, etc)
    - what to do with them
  - Major discussion of implications of adopting something like jsr170
    - and therefore supporting third-party implementation of something behind an api
- AIP/SIP/DIP "stuff"
- Scalability?
  - Search and browse use case
- Adopting more of a Hibernate model?

Review and going forward (Friday, October 27)
This is a shortened day to step back and make sure we all understand what we've accomplished, decided on, and still have unresolved; to wrap up loose ends; and to plan for production and delivery of our architectural recommendations and a smooth handoff of them to development efforts.

- Review of main priorities and decisions made.
- Half-bakery review: A chance to revisit half-baked ideas from earlier in the meeting, if folks have had a chance to rethink them and want to bring their ideas and proposals to full group discussion while most of us are still here.
- Action plan for preparing roadmaps and specs.
- Beyond the review: How our plans and recommendations might be implemented, evaluated, and/or revisited in later stages.

The meeting will end at 1pm on Friday, October 27.