SUPPORTING COMMUNITY AND OPEN SOURCE SOFTWARE IN CULTURAL HERITAGE INSTITUTIONS

CNI Fall 2012 Membership Meeting

Washington, DC

December 11, 2012

ArchivesSpace: David Millman, Katherine Kott, Beth Sandore Namachchivaya

Topics

- Background
- Technology & Software Development
  - Technical framework
  - Community involvement
  - Alpha preview
- Interoperability
- Organizational Home
- Governance & Sponsorship
  - Structure
  - Rollout
- Relationships with other organizations (e.g. SAA)

Review: ArchivesSpace is…

- A project funded by the Andrew W Mellon Foundation for building a “next generation” archives management tool
- A community effort, led by the libraries of New York University, the University of Illinois at Urbana-Champaign, and the University of California, San Diego
- The development of a sustainable partnership and community to support and foster the growth of the software

ArchivesSpace Groups and Roles

- Steering Group: Luc Declerck, David Millman, Beth Sandore, with Robin Dale (LYRASIS)
- Stakeholder Team: Mark Matienzo (Technical Architect/Product Owner), Chris Prom, Kyle Rimkus, Scott Schwartz, Brad Westbrook (Archivists/Business Analysts), Joe Pawletko (Technical Advisor)
- Hudson Molonglo Development Team: James Bullen, Mark Triggs, Payten Giles, Brian Hoffman
- Testing and Release Team: Brian Tingle & Adrian Turner (CDL) with HM, Mark Matienzo, and Katherine Kott (Development Manager)
- Migration Team: Joe Pawletko (NYU), Nathan Stevens (AT), Chris Prom (Archon) plus Stakeholders and UIUC programmers

Development partner

- Hudson Molonglo Pty Ltd
  - An IT consulting firm with staff in both the US (Hudson) and Australia (Molonglo)
  - Deep experience with digital library and archival management systems
  - Selected through a formal RFP process

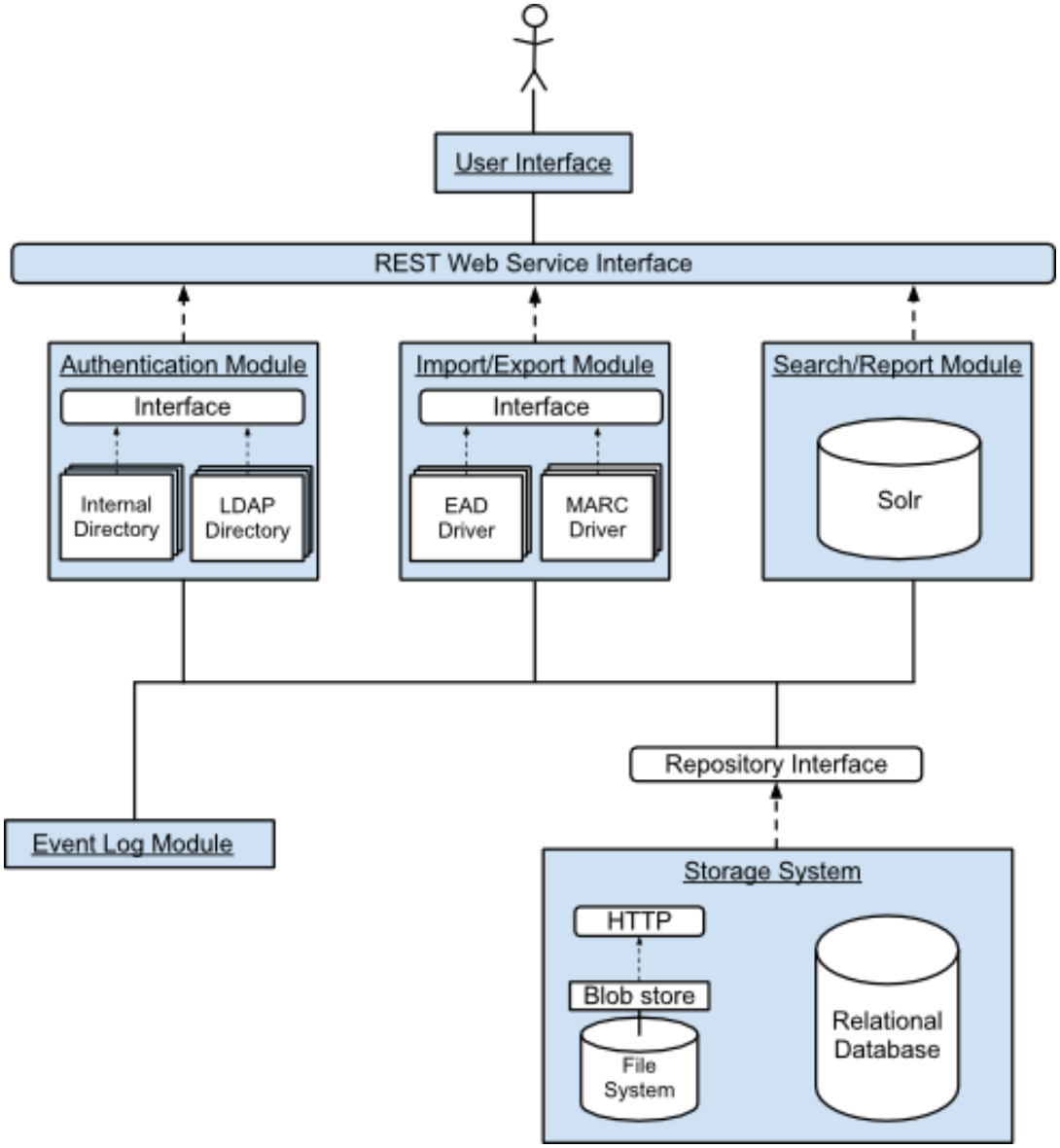
- Team Members
  - James Bullen (lead)
  - Mark Triggs (back end)
  - Payten Giles (UI)
  - Brian Hoffman (data model, import/export)

ArchivesSpace Product Vision

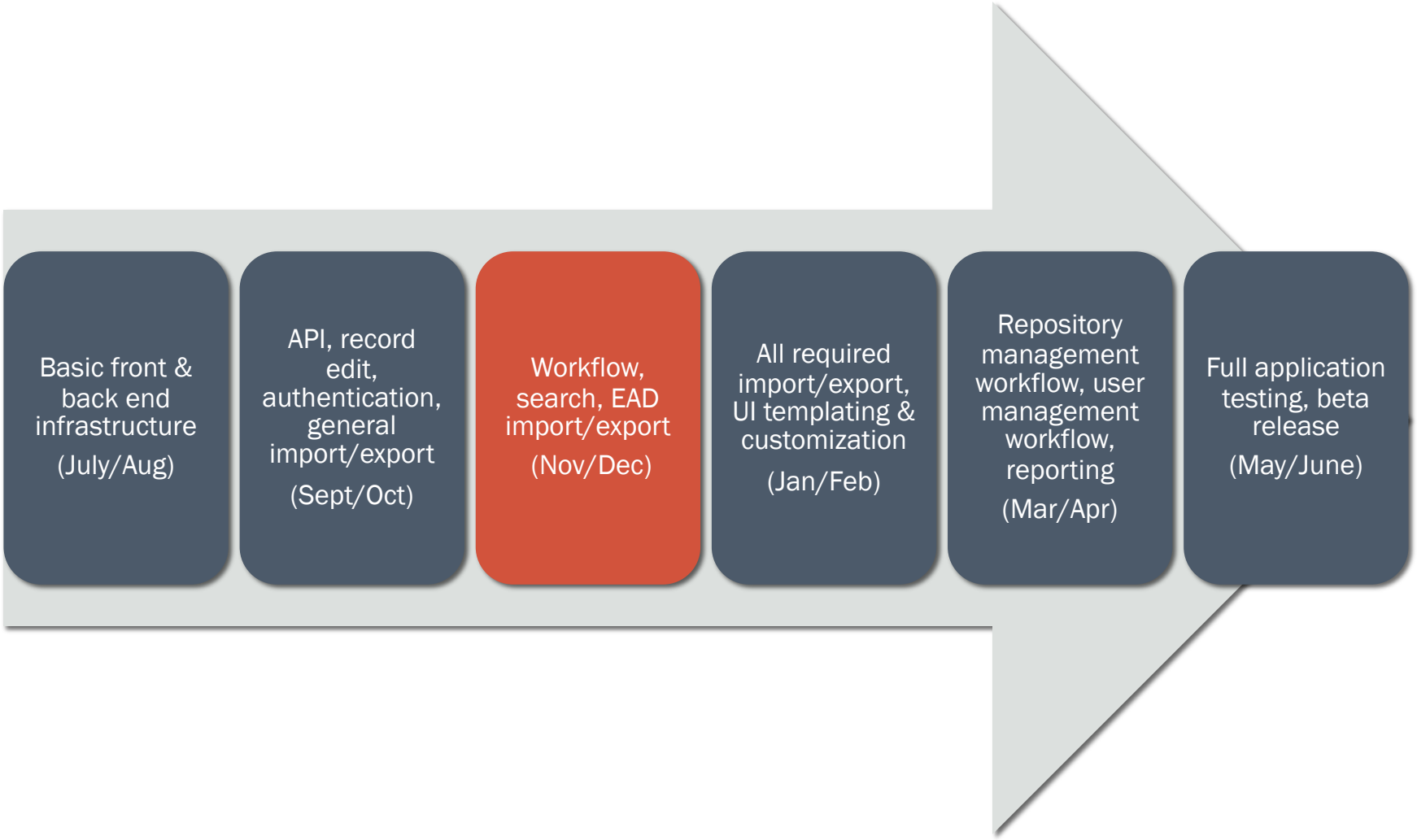
- A best of breed, open source archives management system, supporting core archival functions and standards …
- … that can both scale up and scale down …
- … that is flexible, efficient, and easy to use, maintain, and administer …
- … that is extensible and can interoperate easily with other applications and systems …
- … with a healthy ecosystem of users, developers, and partners dedicated to sustaining the product in the open source environment.

Technical Framework

- Separate user interface & back end
- REST service interface & documented API
- Frameworks for rapid development
  - Sinatra
  - Ruby on Rails
  - Twitter Bootstrap
- Emphasis on
  - Ease of deployment
  - Openness
  - Performance & scalability
- Selected technologies
  - JRuby
  - Java virtual machine
  - Lucene and Solr
  - Relational databases
- Support for multitenancy



Development Plan: July 2012-June 2013



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Basic Information

Identifier	8
Accession Date	2012-01-01
Content Description	A box containing our own universe
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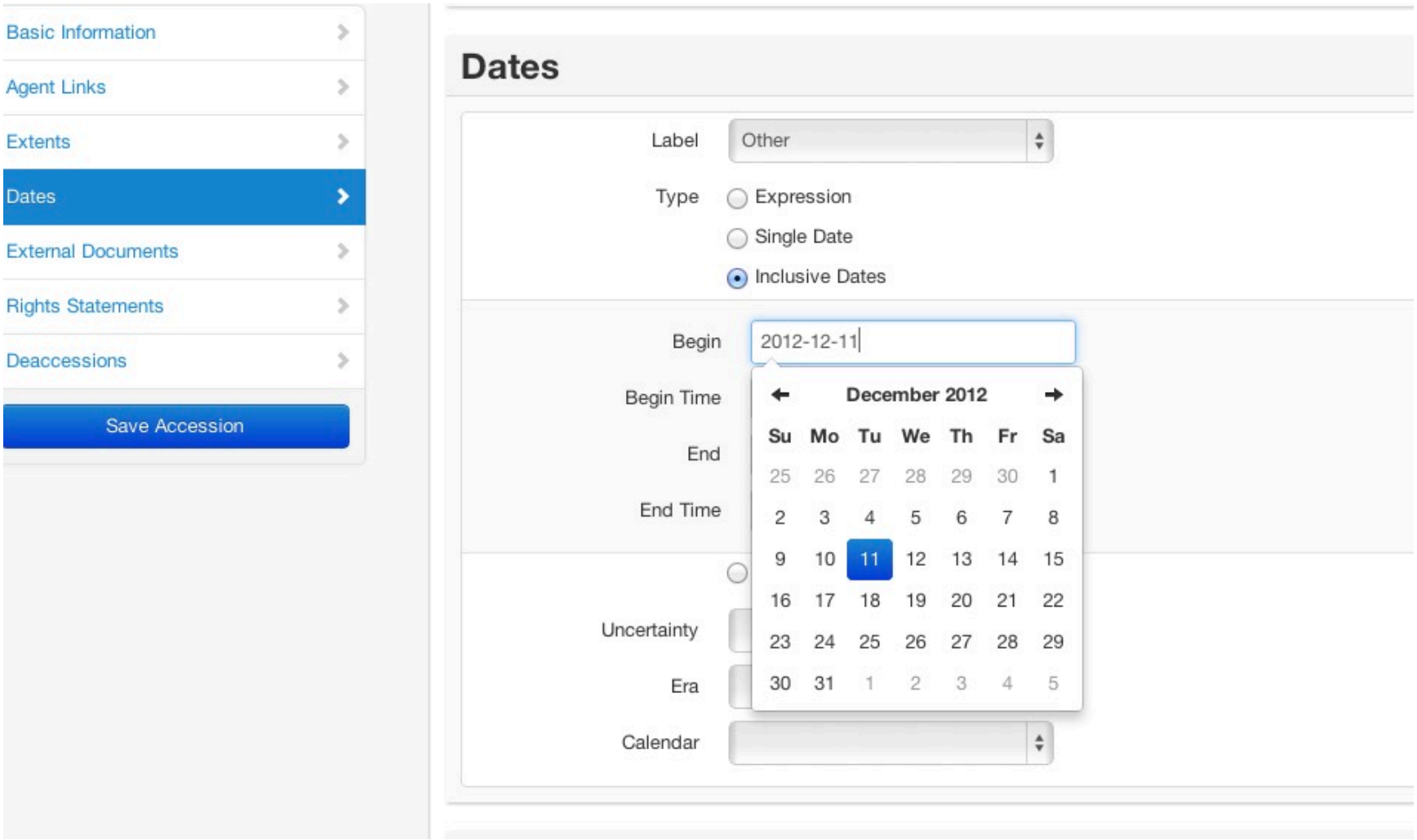
Subjects	10965.1352824957AccessionTermABC -- 10965.1352824957AccessionTermDEF

External Documents

Title	My other document
Location	a/file/path/or/something/

Rights Statements

Multiple Date Statements



Archival Description (Resources)

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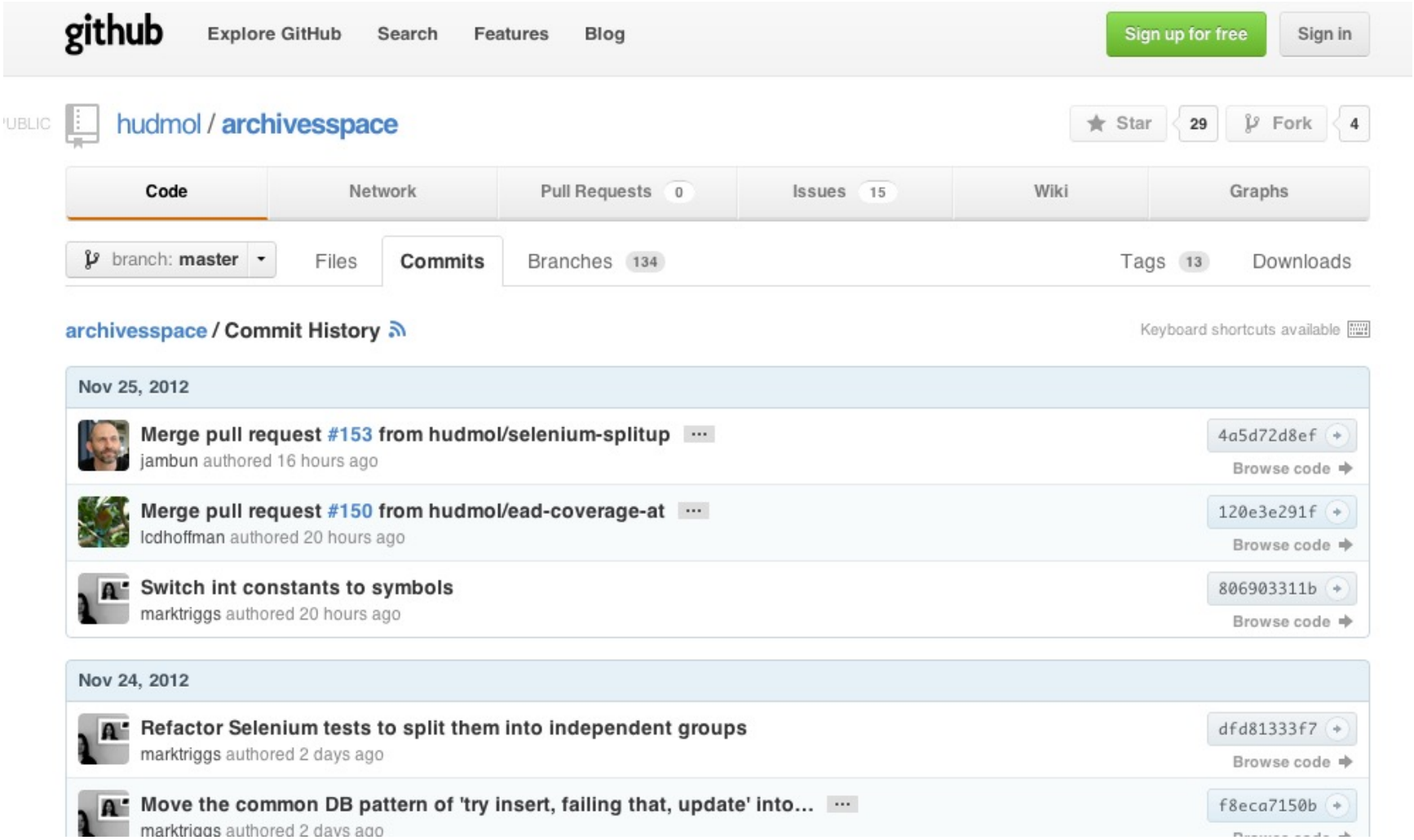
Extents

Tracking Development



Community Involvement

Google

Search for topics

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POST REPLY

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Payten Giles

Re: [archivesspace] General Layout/Default Theme: ArchivesSpace Wireframes

Hi Cory,

Currently, the optional Branding section on the wireframe can be configured on a site basis. This branding section is a te
HTML -- you're seeing an empty branding template in the mockup.

Alternatively, this branding section can be styled with CSS via the selected theme -- as per our dev server: http://aspace

We're currently using the LESS implementation of Bootstrap, which allows our themes to customise almost all variables
feel. When developing themes, you'll be able to write pure CSS to override specific styles and also override the Bootstra
link color etc.

If you'd like to have a play, in our v0.1 release the theme can be set via the configuration setting AppConfig[:frontend_th
folder, rename it, and you're away.

All these wireframes/mockups are intended for the staff interface of ArchivesSpace. At this stage, we see the Public int
frontend application. Keeping these two applications separate will inevitably simplify the code and also deployment of bo
opportunity to re-use templates and design from the Staff interface as the specifications for both do have their similaritie

Thanks,
Payten Giles

(Member of the ArchivesSpace Development Team)

Interoperability

- User needs
  - Integration with repositories and digital preservation systems
  - Integration with discovery and patron request systems

- Funders' interest in leveraging investments

ArchivesSpace Organizational Home

- LYRASIS
  - The largest membership organization serving libraries and information professionals in the United States
  - Known for its “local touch”—fostering collaboration and cooperation among members

Organizational Home: LYRASIS

- Sustainability through membership
- Hosted solutions
- Help desk services
- Software upgrades
- Training

Governance Process

- Membership Model
  - Sliding scale membership fees
  - Structured to include representation from a variety of organization types and sizes

- Governance Structure
  - Board
  - User Advisory Council
  - Technical Advisory Council
  - Boards start work July 2013

Opportunities for Involvement

- Charter memberships
  - Available soon
- "Regular" membership
  - Available September/October 2013
- Sponsorship
  - For organizations that do not plan to use the software but would like to be involved in the community

Professional Organizations

- Build on SAA relationship
  - Training
  - Updates through RoundTable and conference presentations

- Forge relationships with other organizations
  - ALA
  - AAM
  - ???

For more information and to participate

- ArchivesSpace website
  - http://www.archivesspace.org/
- ArchivesSpace Google Group
  - http://groups.google.com/group/archivesspace/
- Github repositories
  - Development: https://github.com/hudmol/archivesspace
  - Releases: https://github.com/archivesspace/archivesspace
- Volunteer for beta testing
  - Email mark.matienzo@nyu.edu

Thank You!
QUESTIONS?

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katherine.kott@gmail.com

sandore@illinois.edu

Common themes

- Governance
- Marketplace
- Community
- Sustainability