ARCHIVESSPACE

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CurateGear

January 9, 2013

Chapel Hill, NC

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
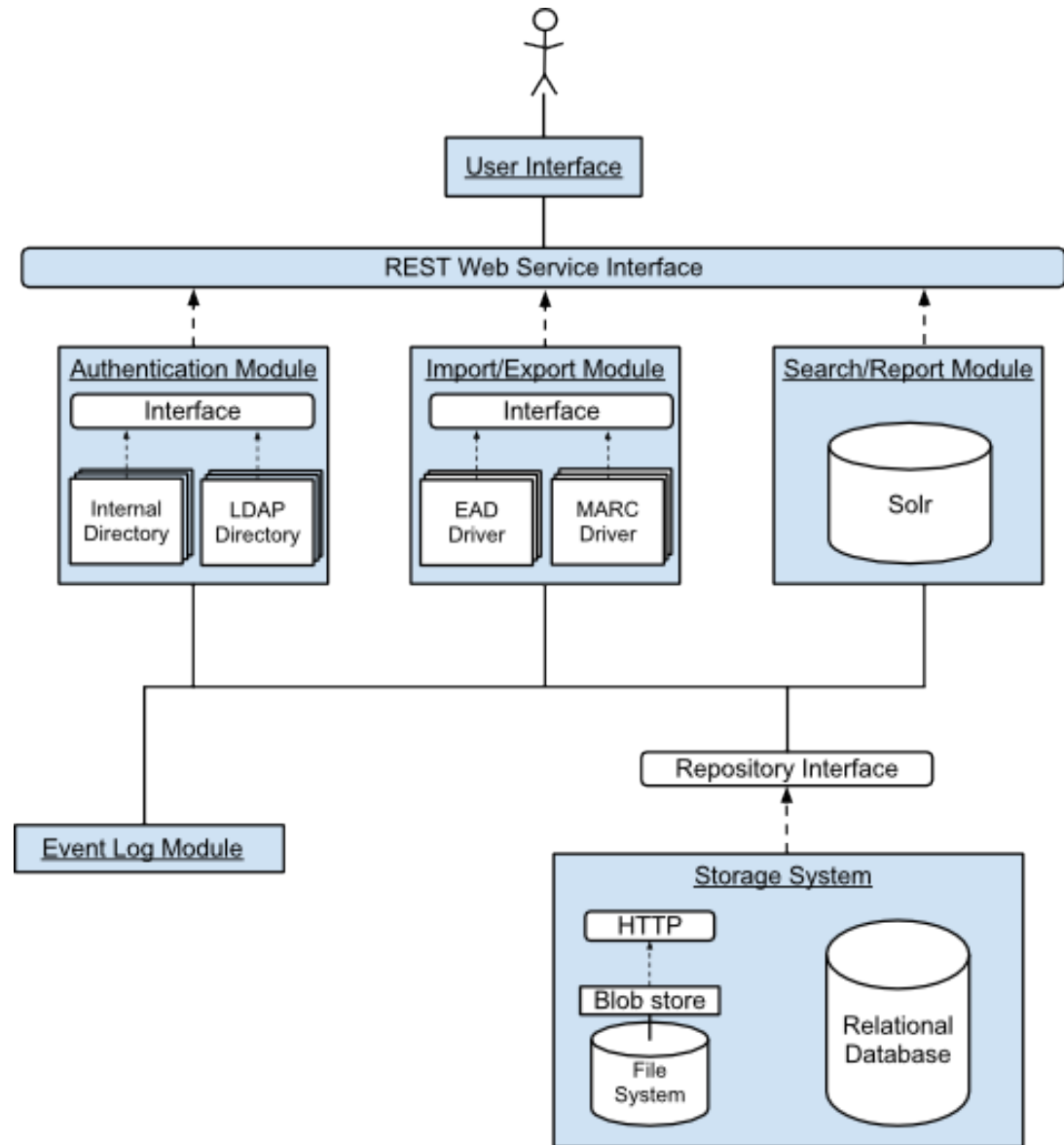
ArchivesSpace Groups and Roles

- Steering Group: Luc Declerck, David Millman, Beth Sandore, Robin Dale

- Stakeholder Team: Mark Matienzo (Technical Architect/Product Owner), Chris Prom, Kyle Rimkus, Scott Schwartz, Brad Westbrook (Archivists/ Business Analysts), Joe Pawletko (Technical Advisor), Laurel Tueling (Documentation Specialist)

- Development Team (Hudson Molonglo Pty Ltd): James Bullen, Mark Triggs, Payten Giles, Brian Hoffman

- Testing and Release Team: Brian Tingle, Adrian Turner & Sai Tadikonda (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
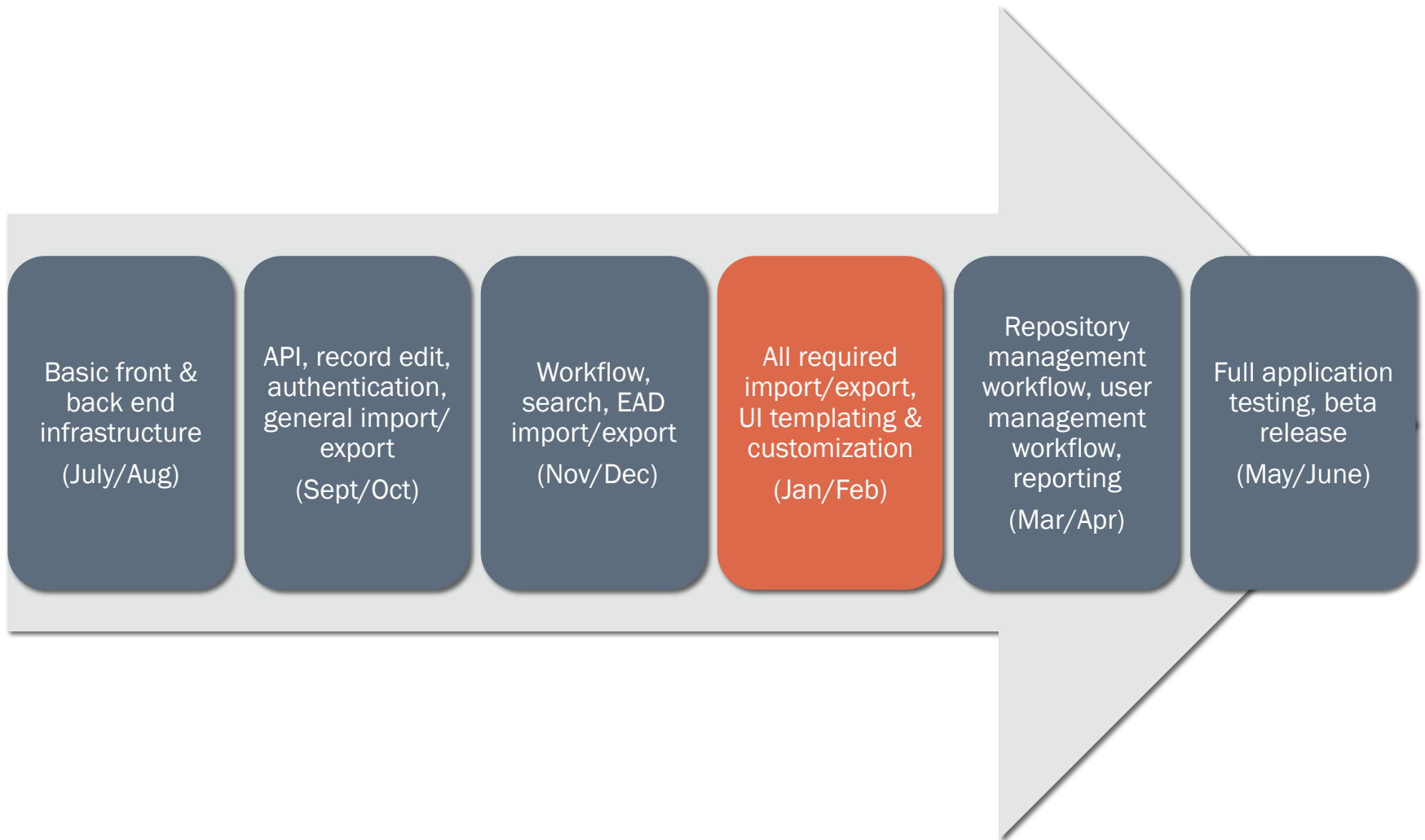
Product Vision

- 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

Basic front & back end infrastructure (July/Aug)

API, record edit, authentication, general import/export (Sept/Oct)

Workflow, search, EAD import/export (Nov/Dec)

All required import/export, UI templating & customization (Jan/Feb)

Repository management workflow, user management workflow, reporting (Mar/Apr)

Full application testing, beta release (May/June)

Test Driven Development

- Development in HM environment
  - Continuous integration (Jenkins)

- California Digital Library support for testing
  - Cloud-based deployment and testing (AWS, Travis)
  - Automated build and deployment testing
  - Interactive testing by ArchivesSpace Team
  - Now coordinating broader-based testing by community members

- At launch, application will be supported and tested by LYRASIS, the organizational home (more about that later)

Managing User Stories and Community Engagement

Alpha Releases

- 0.3 (January 7, 2013)
  - Record relationships (agents, resources, accessions, digital objects)
  - Hierarchy manipulation for resources/digital objects
  - Support for mixed content with XML tag completion
  - Search support
  - LDAP authentication
  - User management
  - Basic EAD import
- 0.2 (October 29, 2012)
  - Instance, container, and location management
  - Digital objects (basic implementation)
  - Event records
  - Notes (both single and multipart)
  - Deaccession records
  - Basic EAD export
- 0.1 (September 3, 2012)
  - Archival description (resource and resource component records)
  - Accessions
  - Subjects/controlled vocabularies
  - Local authentication

Home / Accessions / Miss Piggy papers / Edit

←   →   Spawn ▾

⌞ 📖 Miss Piggy papers

Basic Information	›
Extents	›
Extents	›
Agent Links	›
Subjects	›
External Documents	›
Rights Statements	›
Deaccessions	›

Save Accession

Miss Piggy papers `Accession`

Basic Information

Title   Miss Piggy papers

Identifier   MP103

Accession Date   2013-01-09

Content Description   Subject files

Condition Description   Smells like bacon

Resources

Interoperability

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

- Funders' interest in leveraging investments

Organizational Home: LYRASIS

- Largest membership organization serving libraries and information professionals in the United States

- Known for its "local touch"—fostering collaboration and cooperation among members

- Sustainability through membership

- Will provide hosted solutions, help desk services, software upgrades, and training

Sustainability/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 through April 2013

- "Regular" membership
  - Available January 2014

- Sponsorship
  - For organizations that do not plan to use the software but would like to be involved in the community

For more information and to participate

- ArchivesSpace website
  - http://www.archivesspace.org/

- ArchivesSpace Google Group
  - http://groups.google.com/group/archivesspace/

- Github repositories
  - Releases: https://github.com/archivesspace/archivesspace
  - Development: https://github.com/hudmol/archivesspace

- Volunteer for beta testing, or other questions:
  - Email mark.matienzo@nyu.edu

Thank You! QUESTIONS?

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