A Look Inside the **New** ArchivesSpace
Technology & Development Roadmap

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Presenter

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ArchivesSpace

*Where We're Going,
We Do Need Roads*

A Look Inside the New ArchivesSpace Technology and Development Roadmap

Overview of Webinar

- What's a technology and development roadmap
  - Why do we need one?
- Development planning process and how it relates to the roadmap
- Walkthrough of the new views
- What's next
- Questions and feedback

What's a
Technology and Development Roadmap?

- Provides an overview of development work over a period of time
  - What work is planned
  - Who's responsible
  - Where it is in the process
  - When it is forecast to be in the application

- Encompasses work users see in the application and work they don't

Why Do We Need a Roadmap?

- Serves as a planning and communication tool for both the program and those using (or considering using) the application

- Useful for
  - Planning for upgrades
  - Determining next steps for a particular feature and when it's likely to be available for use
  - Identifying ways to get involved in specific development projects
    - Working groups and writing requirements
    - Opportunities for community developers
    - Opportunities for contractors

The Development Planning Process and How That Relates to the Roadmap

- In conjunction with our development catalog JIRA (http://development.archivesspace.org)
  - Users report individual issues as well as submit larger projects or requests to the ArchivesSpace Program Team
- Development Prioritization subteam meets monthly to discuss issues and larger projects as appropriate
- ArchivesSpace program team determines likely timelines based on prioritization, project readiness and available resources

The Development Planning Process

- ArchivesSpace program team assigns developers

- Developers work under the guidance of the Tech Lead and Program Manager
  - Deliver development for testing by Testing subteam and others
  - When testing determines work is ready, it goes into a release

- ArchivesSpace program team updates the roadmap as releases come out and planning for individual projects progresses

- Iterative process

New ArchivesSpace Roadmap

- Our roadmap has evolved as our community – and the communication and planning needs around development – have grown

- Our new roadmap is a series of views generated from one Excel file to help different kinds of ArchivesSpace stakeholders

The Views: Full Details

ArchivesSpace Technology and Development Roadmap

Last updated: December 20, 2017

impact key 1 2 3

> ### Major Feature Enhancements/Functionality

Pending Work	JIRA	status of requirements	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	July 2018	Aug 2018	Sept 2018	Responsibility (Developed/Funded by)	Impact on Application
Migration tools		complete	Release: v2.2.2										ASpace - co-op student Sarah Morrissey	
Agents module expansion - multiple projects as follows	AR-1779	complete												
*more control over merging of agents	ANW-183	complete	dev. in progress	Target release									ASpace and contracted developer	
*allow admins to set additional required fields for agents	ANW-182	complete	dev. in progress	Target release									ASpace contracted developer	
*add agent fields and update views	part of AR-1779	complete				Target release							ASpace and contracted developer	
*update agents importers/exporters	part of AR-1779	complete				Target release							ASpace and contracted developer	
*agent synchronization/integration with SNAC and LCNAF	part of AR-1779	in process							Target release				ASpace and contracted developer	
LCNAF plugin (enhancements) - perhaps part of agents?	AR-1732	complete				Target release							Yale	
External authority database integration, including SNAC, AAF, VIAF	AR-1864	SNAC requirements complete							Target release				ASpace/SNAC	
Redesign of staff interface, including better accessibility; will be broken up into individual projects with details to come	AR-1112	working group formed; full recommendations due mid-December 2017												
*staff interface projects, with focus on accessibility recommendations		in process; recommendations due				Target release							ASpace and contracted	

The Views: Full Details

- Intended primarily for
  - Power ArchivesSpace users and developers

- Will be especially helpful for
  - Seeing the full picture of development being considered and worked on
  - Tracking a particular feature through the development process
  - Identifying opportunities for you or your institution to get involved in the development process

The Views: Annual Overview

ArchivesSpace Annual Overview -- Releases at a glance

December 2017:

Major Feature Enhancements/Functionality	Impact on Applicatio
Migration tools	

Repair Refactor	Impact on Application
Automated generation of release notes	
Improve API auto-documentation	
Testing improvements -- automated testing more reliable, improve coverage and roustness	
Infrastructure upgrades, such as ant usage	
CodeMirror upgrade or replacement	
Security scans as part of build protocol	

Bug Fixes	Impact on Application
Prioritized by Development Prioritization subteam -- details as available	

January 2018:

Major Feature Enhancements/Functionality	Impact on Applicatio
*more control over merging of agents	
*allow admins to set additional required fields for agents	

Repair Refactor	Impact on Application
Data Dictionary	
Reports -- additional improvements	
vulnerabilities in dependencies	

Bug Fixes	Impact on Application
Prioritized by Development Prioritization subteam -- details as available	
component scrambling	
prefix	
DO linking issue for PUI	
PUI indexer issues - admin info. and	

February 2018:

Major Feature Enhancements/Functionality	Impact on Applicatio

Repair Refactor	Impact on Application

Bug Fixes	Impact on Application
Prioritized by Development Prioritization subteam -- details as available	
permissions	
default values and user defined fields label issues	

ArchivesSpace
a community served by LYRASIS

The Views: Annual Overview

- Intended primarily for
  - Administrators, system administrators and others who need to know how ArchivesSpace application has evolved or is intended to evolve over a period of time but are less directly involved from day to day
- Will be especially helpful for
  - Planning for upgrades
  - Getting a big picture view of development for the year or another specified period of time
  - Providing a sense of level of activity to financial stakeholders when considering membership, hosting, or other outlays of funds

The Views: Release-Specific

ArchivesSpace -- Summary of Enhancements

Target Release (January 2018)

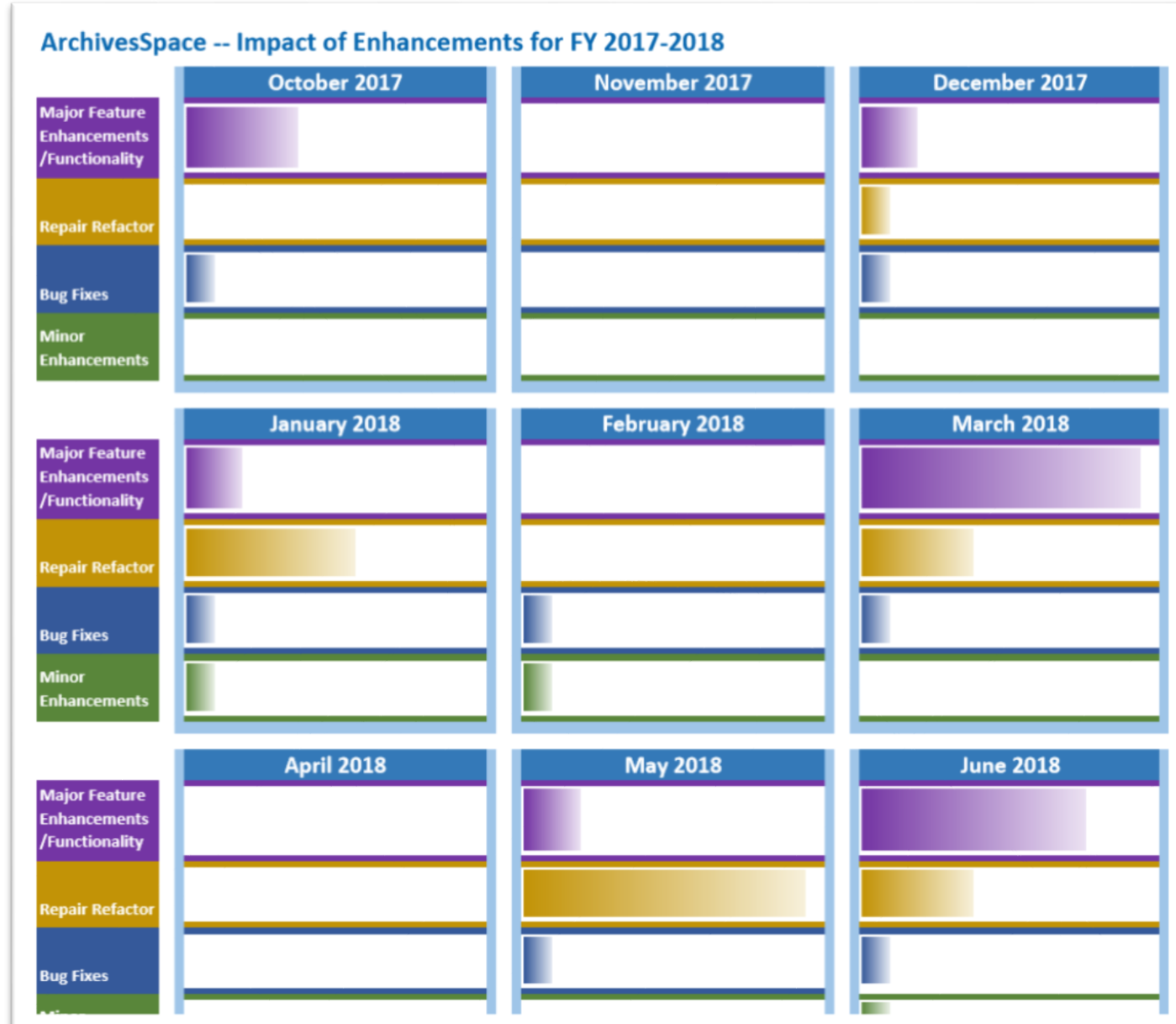| Major Feature Enhancements/Functionality	Repair/Refactor	Bug Fizes	Minor Feature Enhancements
*more control over merging of agents *allow admins to set additional required fields for agents	Reports -- additional improvements Data Dictionary vulnerabilities in dependencies	Prioritized by Development Prioritization subteam -- details as available component scrambling prefix DO linking issue for PUI PUI indexer issues - admin info. and unpublished info. showing up in searches	Prioritized by Development Prioritization subteam

The Views: Release-Specific

- Intended primarily for users and system administrators who want to know what is in – or planned to be in – each release

- Release notes will continue to be the fullest and more accurate representation of the actual releases

- Will be especially helpful for
  - Planning for upgrades
  - Comparing where you are now with the most current releases
  - Determining whether a particular release can be delayed/skipped or should be prioritized based on local interests/needs

The Views: Impact of Enhancements

The Views: Impact of Enhancements

- Intended for high-level administrators and others less involved with the application or with archives in general

- Will be especially helpful for
  - Giving a visual sense of the relative effort given to different categories of development and identifying releases that provide the most impact
  - Giving a visual sense of how actively the application is being developed

What's Next/Where Else to Look

- Updated views will be posted after every release and previous views will be archived
  - Each release will continue to be accompanied by release notes that provide the most detailed listing of what's in each release
  - All development will continue to be tracked in JIRA and GitHub – JIRA and GitHub are the places to reports issues and commit specific code to address them
- We will be promoting specific development projects and issues for community involvement in other ways in addition to the roadmap

Questions? Feedback?

Thank you for joining us today!