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 mid-December 2017				Target release							ASpace and contracted developer	

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									Target release			Target release		
*staff interface projects, specifics to be determined		in process; recommendations due mid-December 2017											ASpace and contracted developer or seeking community developers	
Integration with other systems, most especially Aeon, Hydra, ArcLight, Islandora, CollectionSpace		timing/needs dependent on other systems											seeking community developers	
Digital Object exports (MODS, METS, DC) (development folded into importer/exporter project below)	AR-921 (DC) AR-920 (MODS) AR-921 (METS)	draft data mapping under review												
New data map for MARC XML export (development folded into importer/exporter project below)	AR-924	in process												
adjusted maps for importers/exporters, including import map for EAD3		in process				Target release							ASpace and contracted developer or seeking community developers	
container management improvements	see RFP	complete				Target release							ASpace and contracted developer	
Easier deployment for those with limited IT support - create Windows Installer		need requirements						Target release					ASpace & seeking community developers	

ArchivesSpace Technology and Development Roadmap

> Future Potential Priorities

Pending Work	JIRA	status of requirements
Digital objects module reconsideration		convene working group
Support for multi-lingual description		
Increased support for describing and managing audiovisual materials		
OAI bug fixes and improvements		
agents scoped to repository	AR-1928	possible working group; needs community discussion
LCNAF plugin conversion to core		
spawning accessions into resource components/potential wider review of accessions module	AR-1057	possible working group; needs community discussion

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> Repair/Refactor

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
Reports -- additional improvements	ANW-1		*dev. in progress*	*Target release*	*dev. in progress*	*Target release*	*dev. in progress*	*dev. in progress*	*Target release*				ASpace - Laney McGlohon	
*new shelflist report	ANW-126					*Target release*							ASpace - Laney McGlohon	
Data Dictionary			*dev. in progress*	*Target release*									ASpace - Laney McGlohon and Reports subteam	
Testing improvements -- automated testing more reliable, improve coverage and roustness								*Target release*					ASpace - Laney McGlohon	
Automated generation of release notes								*Target release*					ASpace - Laney McGlohon	
Improve API auto-documentation								*Target release*					ASpace - Laney McGlohon	
vulnerabilities in dependencies			**Release: v2.2.2**	*Target release*		*Target release*		*Target release*	*Target release*			*Target release*	ASpace - Laney McGlohon	
Infrastructure upgrades, such as ant usage								*Target release*					ASpace - Laney McGlohon	
CodeMirror upgrade or replacement								*Target release*					ASpace - Laney McGlohon	
Security scans as part of build protocol								*Target release*					ASpace - Laney McGlohon	

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> Bug Fixes

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
Prioritized by Development Prioritization subteam -- details as available	12101			*Target release*	*Target release*	*Target release*		*Target release*	*Target release*			*Target release*	ArchivesSpace DevOps Specialist and seeking community developers	
component scrambling	ANW-266 ANW-284			*Target release*									ASpace - Laney McGlohon	
prefix	AR-1698 AR-1566			*Target release*									ASpace - Laney McGlohon	
DO linking issue for PUI	ANW-264			*Target release*									ASpace - Laney McGlohon	
PUI indexer issues - admin info. and unpublished info. showing up in searches	ANW-201 AR-1940 ANW-261 ANW-262			*Target release*									ASpace - Laney McGlohon	
permissions	ANW-200 ANW-252				*Target release*								ASpace - Laney McGlohon	
default values and user defined fields label issues	ANW-237 ANW-245 ANW-246 ANW-247 ANW-248 ANW-249				*Target release*								ASpace - Laney McGlohon	

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> Minor Feature Enhancements

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
Prioritized by Development Prioritization subteam	12903			*Target release*	*Target release*	details as available	details as available	details as available	*Target release*			*Target release*	Seeking community developer/s	
925, 935, 940, 1376, 1500, 1511, 1718 -- details as available														

> About this road map

*All development timeframes are subject to change depending on work progress. Items given as benchmarks; items closer in time are commitments;

**Any changes to the data model or API will be communicated to the integrations sub-team

Please note additional tabs below identify work for each release
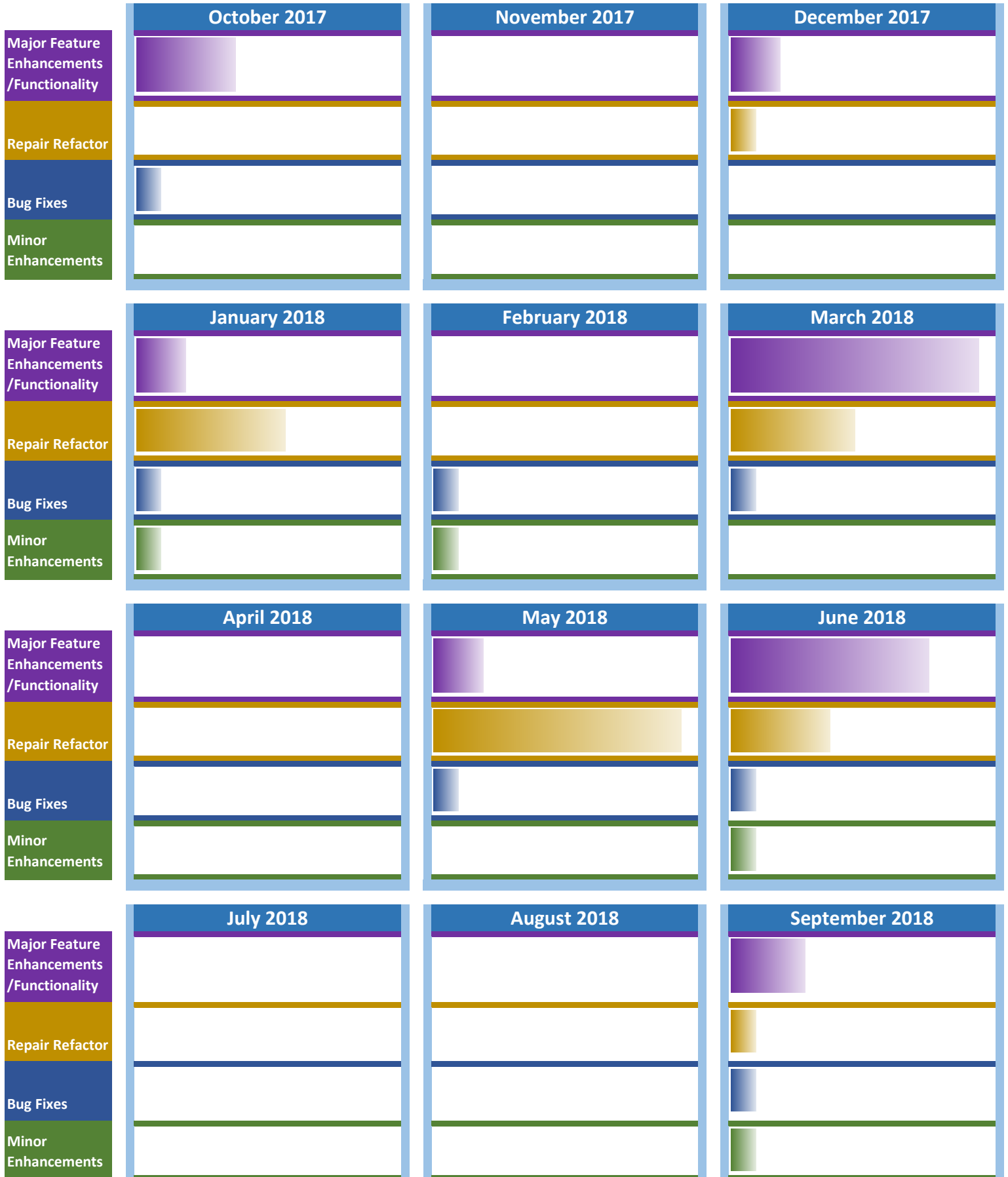
> How impact is calculated

Impact on the application is measured by taking into consideration: volume of member requests; extent of work and development effort, and where the update appears in the application

3 -- Major changes in functionality frequently requested by the community or significant infrastructure improvements. Changes are usually visible on the user end of the application or reflected in better performance

2 -- Small additions in functionality often requested by the community, or small improvements to existing functionality or infrastructure. Changes are not as visible but enable more efficient or varied workflows

1 -- Minor changes, often solely to infrastructure. Changes improve the performance or functionality of the application, but are often not very obvious to users

ArchivesSpace -- Impact of Enhancements for FY 2017-2018

October 2017
- Major Feature Enhancements /Functionality
- Repair Refactor
- Bug Fixes
- Minor Enhancements

November 2017
- Major Feature Enhancements /Functionality
- Repair Refactor
- Bug Fixes
- Minor Enhancements

December 2017
- Major Feature Enhancements /Functionality
- Repair Refactor
- Bug Fixes
- Minor Enhancements

January 2018
- Major Feature Enhancements /Functionality
- Repair Refactor
- Bug Fixes
- Minor Enhancements

February 2018
- Major Feature Enhancements /Functionality
- Repair Refactor
- Bug Fixes
- Minor Enhancements

March 2018
- Major Feature Enhancements /Functionality
- Repair Refactor
- Bug Fixes
- Minor Enhancements

April 2018
- Major Feature Enhancements /Functionality
- Repair Refactor
- Bug Fixes
- Minor Enhancements

May 2018
- Major Feature Enhancements /Functionality
- Repair Refactor
- Bug Fixes
- Minor Enhancements

June 2018
- Major Feature Enhancements /Functionality
- Repair Refactor
- Bug Fixes
- Minor Enhancements

July 2018
- Major Feature Enhancements /Functionality
- Repair Refactor
- Bug Fixes
- Minor Enhancements

August 2018
- Major Feature Enhancements /Functionality
- Repair Refactor
- Bug Fixes
- Minor Enhancements

September 2018
- Major Feature Enhancements /Functionality
- Repair Refactor
- Bug Fixes
- Minor Enhancements

ArchivesSpace Annual Overview -- Releases at a glance

December 2017:

Major Feature Enhancements/Functionality
Impact on Application

Migration tools

Repair Refactor
Impact on Application

vulnerabilities in dependencies

Bug Fixes
Impact on Application

Minor Feature Enhancements
Impact on Application

January 2018:

Major Feature Enhancements/Functionality
Impact on Application

*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 unpublished info. showing up in searches

Minor Feature Enhancements
Impact on Application

Prioritized by Development Prioritization subteam

February 2018:

Major Feature Enhancements/Functionality
Impact on Application

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

Minor Feature Enhancements
Impact on Application

Prioritized by Development Prioritization subteam

ArchivesSpace Annual Overview -- Releases at a glance

March 2018:

Major Feature Enhancements/Functionality	Impact on Application
LCNAF plugin (enhancements) - perhaps part of agents?	
container management improvements	
adjusted maps for importers/exporters, including import map for EAD3	
*add agent fields and update views	
*update agents importers/exporters	
*staff interface projects, with focus on accessibility recommendations	

Repair Refactor	Impact on Application
Reports -- additional improvements	
vulnerabilities in dependencies	
*new shelflist report	

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

Minor Feature Enhancements	Impact on Application

April 2018:

Major Feature Enhancements/Functionality	Impact on Application

Repair Refactor	Impact on Application

Bug Fixes	Impact on Application

Minor Feature Enhancements	Impact on Application

May 2018:

Major Feature Enhancements/Functionality	Impact on Application
Easier deployment for those with limited IT support - create Windows Installer	

Repair Refactor	Impact on Application
Automated generation of release notes	
Improve API auto-documentation	
Testing improvements -- automated testing more reliable, improve coverage and roustness	
vulnerabilities in dependencies	
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	

Minor Feature Enhancements	Impact on Application

ArchivesSpace Annual Overview -- Releases at a glance

*Community pull request deadline: June 15

June 2018:		July 2018:		August 2018:	
Major Feature Enhancements/Functionality	Impact on Application	**Major Feature Enhancements/Functionality**	Impact on Application	**Major Feature Enhancements/Functionality**	Impact on Application
External authority database integration, including SNAC, AAF, VIAF					
*agent synchronization/integration with SNAC and LCNAF					
*staff interface projects, specifics to be determined					
Repair Refactor	Impact on Application	**Repair Refactor**	Impact on Application	**Repair Refactor**	Impact on Application
Reports -- additional improvements					
vulnerabilities in dependencies					
Bug Fixes	Impact on Application	**Bug Fixes**	Impact on Application	**Bug Fixes**	Impact on Application
Prioritized by Development Prioritization subteam -- details as available					
Minor Feature Enhancements	Impact on Application	**Minor Feature Enhancements**	Impact on Application	**Minor Feature Enhancements**	Impact on Application
Prioritized by Development Prioritization subteam					

ArchivesSpace Annual Overview -- Releases at a glance

*Community pull request deadline: September 14

September 2018:

Major Feature Enhancements/Functionality	Impact on Application
*staff interface projects, specifics to be determined	

Repair Refactor	Impact on Application
vulnerabilities in dependencies	

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

Minor Feature Enhancements	Impact on Application
Prioritized by Development Prioritization subteam	

Major Feature Enhancements/Functionality

Migration tools

Repair/Refactor

vulnerabilities in dependencies

Bug Fixes

Minor Feature Enhancements

ArchivesSpace -- Summary of Enhancements

Target Release (January 2018)

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

ArchivesSpace -- Summary of Enhancements   Target Release (February 2018)

Major Feature Enhancements/Functionality	Repair/Refactor	Bug Fixes	Minor Feature Enhancements
		Prioritized by Development Prioritization subteam -- details as available	Prioritized by Development Prioritization subteam
		permissions	
		default values and user defined fields	
		label issues	

ArchivesSpace -- Summary of Enhancements

Target Release (March 2018)

Major Feature Enhancements/Functionality

LCNAF plugin (enhancements) - perhaps part of agents?

container management improvements

adjusted maps for importers/exporters, including import map for EAD3

*add agent fields and update views

*update agents importers/exporters
*staff interface projects, with focus on accessibility recommendations

Repair/Refactor

Reports -- additional improvements

vulnerabilities in dependencies

*new shelflist report

Bug Fixes

Prioritized by Development Prioritization subteam -- details as available

Minor Feature Enhancements

ArchivesSpace -- Summary of Enhancements   Target Release (May 2018)

Major Feature Enhancements/Functionality

Easier deployment for those with limited IT support - create Windows Installer

Repair/Refactor

Testing improvements -- automated testing more reliable, improve coverage and roustness

Automated generation of release notes

Improve API auto-documentation

vulnerabilities in dependencies

Infrastructure upgrades, such as ant usage

CodeMirror upgrade or replacement

Security scans as part of build protocol

Bug Fixes

Prioritized by Development Prioritization subteam -- details as available

Minor Feature Enhancements

ArchivesSpace -- Summary of Enhancements   Target Release (June 2018)

Major Feature Enhancements/Functionality	Repair/Refactor	Bug Fixes	Minor Feature Enhancements

External authority database integration, including SNAC, AAF, VIAF
 	
    *agent synchronization/integration with SNAC and LCNAF
    *staff interface projects, specifics to be determined
	Reports -- additional improvements
	
	vulnerabilities in dependencies
		Prioritized by Development Prioritization subteam -- details as available	Prioritized by Development Prioritization subteam

ArchivesSpace -- Summary of Enhancements   Target Release (September 2018)

Major Feature Enhancements/Functionality

*staff interface projects, specifics to be determined

Repair/Refactor

vulnerabilities in dependencies

Bug Fixes
Prioritized by Development Prioritization subteam -- details as available

Minor Feature Enhancements

Prioritized by Development Prioritization subteam