

# ArchivesSpace Technology and Development Roadmap

Last updated: February 6, 2018








## > Major Feature Enhancements/Functionality

Pending Work	JIRA	status of requirements	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
Agents module expansion - multiple projects as follows	<a href="#">AR-1779</a>	complete											<span style="display: inline-block; width: 20px; height: 10px; background-color: #4a90e2; border: 1px solid #000;"></span>
*more control over merging of agents	<a href="#">ANW-183</a>	complete	<i>dev. In progress</i>	<b>Target release</b>								ASpace and contracted developer	<span style="display: inline-block; width: 15px; height: 10px; background-color: #4a90e2; border: 1px solid #000;"></span>
*allow admins to set additional required fields for agents	<a href="#">ANW-182</a>	complete	<b>Release: v2.3.0</b>									ASpace contracted developer	<span style="display: inline-block; width: 15px; height: 10px; background-color: #4a90e2; border: 1px solid #000;"></span>
*add agent fields and update views	<a href="#">part of AR-1779</a>	complete			<b>Target release</b>							ASpace and contracted developer	<span style="display: inline-block; width: 30px; height: 10px; background-color: #4a90e2; border: 1px solid #000;"></span>
*update agents importers/exporters	<a href="#">part of AR-1779</a>	complete			<b>Target release</b>							ASpace and contracted developer	<span style="display: inline-block; width: 30px; height: 10px; background-color: #4a90e2; border: 1px solid #000;"></span>
*agent synchronization/integration with SNAC and LCNAF	<a href="#">part of AR-1779</a>	in process						<b>Target release</b>				ASpace and contracted developer	<span style="display: inline-block; width: 30px; height: 10px; background-color: #4a90e2; border: 1px solid #000;"></span>
LCNAF plugin (enhancements) - perhaps part of agents?	<a href="#">AR-1732</a>	complete			<b>Target release</b>							Yale	<span style="display: inline-block; width: 15px; height: 10px; background-color: #4a90e2; border: 1px solid #000;"></span>
External authority database integration, including SNAC, AAF, VIAF	<a href="#">AR-1864</a>	SNAC requirements complete						<b>Target release</b>				ASpace/SNAC	<span style="display: inline-block; width: 25px; height: 10px; background-color: #4a90e2; border: 1px solid #000;"></span>
Redesign of staff interface, including better accessibility; will be broken up into individual projects with details to come	<a href="#">AR-1112</a>	complete											<span style="display: inline-block; width: 35px; height: 10px; background-color: #4a90e2; border: 1px solid #000;"></span>
*staff interface projects, with focus on accessibility recommendations		complete			<b>Target release</b>							ASpace and contracted developer	<span style="display: inline-block; width: 30px; height: 10px; background-color: #4a90e2; border: 1px solid #000;"></span>
*staff interface projects, specifics to be determined		complete						<b>Target release</b>			<b>Target release</b>	ASpace and contracted developer or seeking community developers	<span style="display: inline-block; width: 30px; height: 10px; background-color: #4a90e2; border: 1px solid #000;"></span>

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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)	<a href="#">AR-921 (DC)</a> <a href="#">AR-920 (MODS)</a> <a href="#">AR-921 (METS)</a>	draft data mapping under review											
New data map for MARC XML export (development folded into importer/exporter project below)	<a href="#">AR-924</a>	in process											
adjusted maps for importers/exporters, including import map for EAD3		in process			<b>Target release</b>							ASpace and contracted developer or seeking community developers	
container management improvements	<a href="#">see RFP</a>	complete			<b>Target release</b>							ASpace and contracted developer	
Easier deployment for those with limited IT support - create Windows Installer		need requirements					<b>Target release</b>					ASpace & seeking community developers	

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### > *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	<a href="#">AR-1928</a>	possible working group; needs community discussion
LCNAF plugin conversion to core		
spawning accessions into resource components/potential wider review of accessions module	<a href="#">AR-1057</a>	possible working group; needs community discussion

# ArchivesSpace Technology and Development Roadmap

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## > Repair/Refactor

Pending Work	JIRA	status of requirements	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	<a href="#">ANW-1</a>		Release: v2.3.0	dev. in progress	Target release	dev. in progress	dev. in progress	Target release				ASpace - Laney McGlohon	
*new shelflist report	<a href="#">ANW-126</a>				Target release							ASpace - Laney McGlohon	
Data Dictionary			Release: v2.3.0									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: v2.3.0		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	

# ArchivesSpace Technology and Development Roadmap

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## > Bug Fixes

Pending Work	JIRA	status of requirements	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	<a href="#">12101</a>		Release: v2.3.0	Target release	Target release		Target release	Target release			Target release	ASpace DevOps Specialist and seeking community developers	
component scrambling	<a href="#">ANW-266</a> <a href="#">ANW-284</a>		Release: v2.3.0									ASpace - Laney McGlohon	
prefix	<a href="#">AR-1698</a> <a href="#">AR-1566</a>		Release: v2.3.0									ASpace - Laney McGlohon	
DO linking issue for PUI	<a href="#">ANW-264</a>		Release: v2.3.0									ASpace - Laney McGlohon	
PUI indexer issues - admin info. and unpublished info. showing up in searches	<a href="#">ANW-201</a> <a href="#">AR-1940</a> <a href="#">ANW-261</a> <a href="#">ANW-262</a>			Target release								ASpace - Laney McGlohon	
permissions	<a href="#">ANW-200</a> <a href="#">ANW-252</a>			Target release								ASpace - Laney McGlohon	
default values and user defined fields label issues	<a href="#">ANW-237</a> <a href="#">ANW-245</a> <a href="#">ANW-246</a> <a href="#">ANW-247</a> <a href="#">ANW-248</a> <a href="#">ANW-249</a>			Target release								ASpace - Laney McGlohon	

# ArchivesSpace Technology and Development Roadmap

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## > Minor Feature Enhancements

Pending Work	JIRA	status of requirements	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	<a href="#">12903</a>		Release: v2.3.0	Target release	details as available	details as available	details as available	Target release			Target release	Seeking community developer/s	
minor improvements to MARCXML agents and subjects			Release: v2.3.0									Mark Cooper	
minor improvements to container labels export			Release: v2.3.0									Chris Fitzpatrick	
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

\*\*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

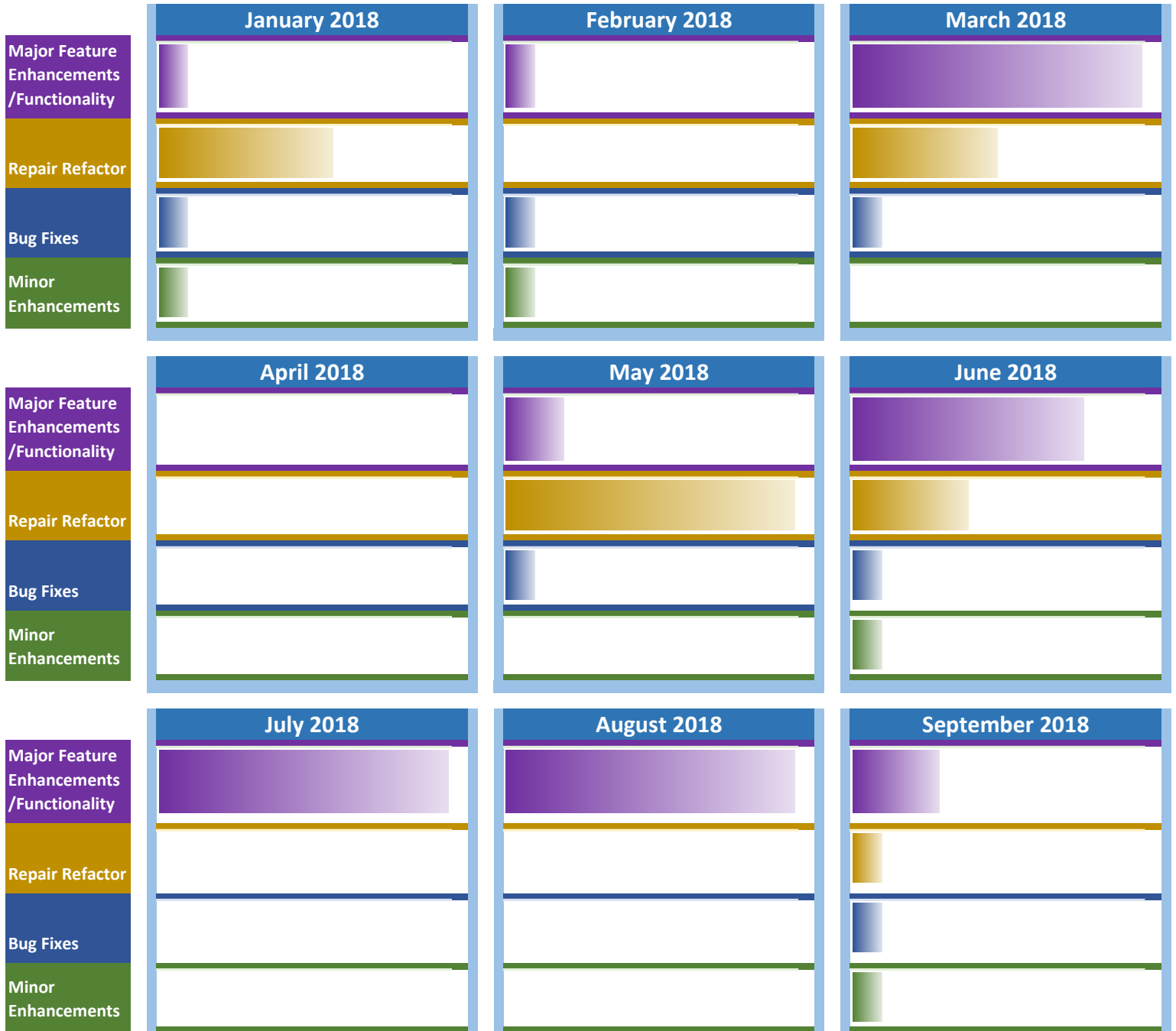
Impact on the application is measured by taking into consideration: volume of member requests; extent of work and development effort, and where the update appears in the application

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



# ArchivesSpace Annual Overview -- Releases at a glance

\*Community pull request deadline: January 19

January 2018:	
Major Feature Enhancements/Functionality	Impact on Application
*allow admins to set additional required fields for agents	
<b>Repair Refactor</b>	<b>Impact on Application</b>
Data Dictionary	
Reports -- additional improvements	
vulnerabilities in dependencies	
<b>Bug Fixes</b>	<b>Impact on Application</b>
Prioritized by Development Prioritization subteam -- details as available	
component scrambling	
prefix	
DO linking issue for PUI	
<b>Minor Feature Enhancements</b>	<b>Impact on Application</b>
Prioritized by Development Prioritization subteam	
minor improvements to MARCXML agents and subjects	
minor improvements to container labels export	

\*Community pull request deadline: February 16

February 2018:	
Major Feature Enhancements/Functionality	Impact on Application
*more control over merging of agents	
<b>Repair Refactor</b>	<b>Impact on Application</b>
<b>Bug Fixes</b>	<b>Impact on Application</b>
Prioritized by Development Prioritization subteam -- details as available	
PUI indexer issues - admin info. and unpublished info. showing up in searches	
permissions	
default values and user defined fields label issues	
<b>Minor Feature Enhancements</b>	<b>Impact on Application</b>
Prioritized by Development Prioritization subteam	

\*Community pull request deadline: March 16

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	
<b>Repair Refactor</b>	<b>Impact on Application</b>
Reports -- additional improvements	
vulnerabilities in dependencies	
*new shelflist report	
<b>Bug Fixes</b>	<b>Impact on Application</b>
Prioritized by Development Prioritization subteam -- details as available	
<b>Minor Feature Enhancements</b>	<b>Impact on Application</b>












# ArchivesSpace Annual Overview -- Releases at a glance

\*Community pull request deadline: May 18

\*Community pull request deadline: June 15

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

June 2018:	
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
Reports -- additional improvements	
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	

# ArchivesSpace Annual Overview -- Releases at a glance

\*Community pull request deadline: September 14

July 2018:	
Major Feature Enhancements/Functionality	Impact on Application
Repair Refactor	Impact on Application
Bug Fixes	Impact on Application
Minor Feature Enhancements	Impact on Application

August 2018:	
Major Feature Enhancements/Functionality	Impact on Application
Repair Refactor	Impact on Application
Bug Fixes	Impact on Application
Minor Feature Enhancements	Impact on Application

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
<ul style="list-style-type: none"><li>*allow admins to set additional required fields for agents</li></ul>

Repair/Refactor
<ul style="list-style-type: none"><li>Reports -- additional improvements</li><li>Data Dictionary</li><li>vulnerabilities in dependencies</li></ul>

Bug Fixes
<ul style="list-style-type: none"><li>Prioritized by Development</li><li>Prioritization subteam -- details as available</li><li>component scrambling</li><li>prefix</li><li>DO linking issue for PUI</li></ul>

Minor Feature Enhancements
<ul style="list-style-type: none"><li>Prioritized by Development</li><li>Prioritization subteam</li><li>minor improvements to MARCXML agents and subjects</li><li>minor improvements to container labels export</li></ul>

**Major Feature Enhancements/Functionality**

\*more control over merging of agents

**Repair/Refactor**

**Bug Fixes**

Prioritized by Development  
Prioritization subteam -- details as available

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PUI indexer issues - admin info. and unpublished info. showing up in searches

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permissions

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default values and user defined fields  
label issues

**Minor Feature Enhancements**

Prioritized by Development  
Prioritization subteam

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
----------------------------

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
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Major Feature Enhancements/Functionality
External authority database integration, including SNAC, AAF, VIAF
*agent synchronization/integration with SNAC and LCNAF
*staff interface projects, specifics to be determined

Repair/Refactor
Reports -- additional improvements
vulnerabilities in dependencies

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

Minor Feature Enhancements
Prioritized by Development
Prioritization subteam

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