

ArchivesSpace Technology and Development Roadmap

Last updated: December 20, 2017



> 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	2
Agents module expansion - multiple projects as follows	AR-1779	complete												2
*more control over merging of agents	ANW-183	complete	dev. in progress	Target release									ASpace and contracted developer	1
*allow admins to set additional required fields for agents	ANW-182	complete	dev. in progress	Target release									ASpace contracted developer	1
*add agent fields and update views	part of AR-1779	complete				Target release							ASpace and contracted developer	2
*update agents importers/exporters	part of AR-1779	complete				Target release							ASpace and contracted developer	2
*agent synchronization/integration with SNAC and LCNAF	part of AR-1779	in process							Target release				ASpace and contracted developer	2
LCNAF plugin (enhancements) - perhaps part of agents?	AR-1732	complete				Target release							Yale	1
External authority database integration, including SNAC, AAF, VIAF	AR-1864	SNAC requirements complete							Target release				ASpace/SNAC	2
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												2
*staff interface projects, with focus on accessibility recommendations		in process; recommendations due mid-December 2017				Target release							ASpace and contracted developer	2

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*staff interface projects, specifics to be determined		in process; recommendations due mid-December 2017								Target release			Target release	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	

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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	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

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Reports -- additional improvements	ANW-1		<i>dev. in progress</i>	Target release	<i>dev. in progress</i>	Target release	<i>dev. in progress</i>	<i>dev. in progress</i>	Target release				ASpace - Laney McGlohon	
*new shelflist report	ANW-126					Target release							ASpace - Laney McGlohon	
Data Dictionary			<i>dev. in progress</i>	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

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

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> Minor Feature Enhancements

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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