

ArchivesSpace Technology and Development Roadmap

Last updated: December 13, 2017 [draft]

> 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 | Target release | | | | | | | | | | 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 | <i>dev. in progress</i> | Target release | | | | | | | | | ASpace and contracted developer | |
| *allow admins to set additional required fields for agents | ANW-182 | complete | <i>dev. in progress</i> | 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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|---|---|---|--|--|--|--|-----------------------|-----------------------|-----------------------|--|--|-----------------------|---|--|
| *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

| 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 | | <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 | |
| 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 | | | Target release | 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 | | | 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 | |
| | | | | | | | | | | | | | | |

ArchivesSpace Technology and Development Roadmap

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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 -- details as available | 12903 | | | Target release | Target release | details as available | details as available | details as available | Target release | | | Target release | Seeking community developer/s | |
| | Previously prioritized 925, 935, 940, 1376, 1500, 1511, 1718 | | | | | | | | | | | | | |

> 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 Annual Overview -- Releases at a glance



*Community pull request deadline: December 8

| December 2017: | |
|---|---|
| Major Feature Enhancements/Functionality | Impact on Application |
| Migration tools |  |
| Repair Refactor | |
| vulnerabilities in dependencies |  |
| Bug Fixes | |
| Prioritized by Development Prioritization subteam -- details as available |  |
| Minor Feature Enhancements | |
| |  |

*Community pull request deadline: January 19

| 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 | |
| Data Dictionary |  |
| Reports -- additional improvements |  |
| vulnerabilities in dependencies |  |
| Bug Fixes | |
| 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 | |
| Prioritized by Development Prioritization subteam -- details as available |  |

*Community pull request deadline: February 16

| February 2018: | |
|---|---|
| Major Feature Enhancements/Functionality | Impact on Application |
| Repair Refactor | |
| | |
| Bug Fixes | |
| Prioritized by Development Prioritization subteam -- details as available |  |
| permissions | |
| default values and user defined fields label issues | |
| Minor Feature Enhancements | |
| Prioritized by Development Prioritization subteam -- details as available |  |

ArchivesSpace Annual Overview -- Releases at a glance

***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 | |
| 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 |
| | |

***Community pull request deadline: May 18**

| 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**

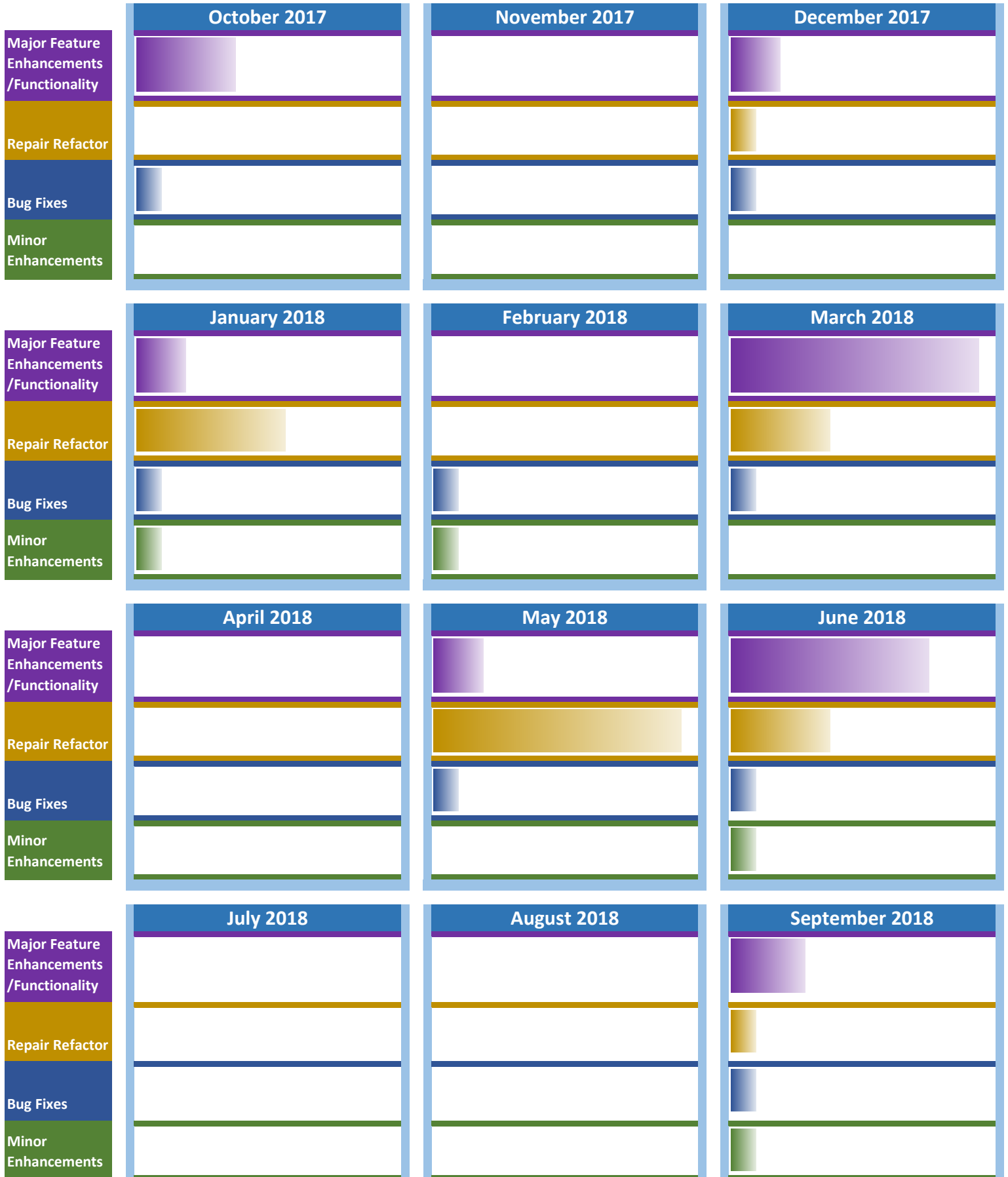
| June 2018: | | July 2018: | | August 2018: | |
|---|------------------------------|---|------------------------------|---|------------------------------|
| Major Feature Enhancements/Functionality | Impact on Application | Major Feature Enhancements/Functionality | Impact on Application | Major Feature 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 -- details as available | | | | | |

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 -- details as available | |

ArchivesSpace -- Impact of Enhancements for FY 2017-2018



Major Feature Enhancements/Functionality

Migration tools

Repair/Refactor

vulnerabilities in dependencies

Bug Fixes

Prioritized by Development
Prioritization subteam -- details as available

Minor Feature Enhancements

| Major Feature Enhancements/Functionality |
|---|
| <ul style="list-style-type: none">*more control over merging of agents*allow admins to set additional required fields for agents |

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

| Bug Fixes |
|--|
| <ul style="list-style-type: none">Prioritized by DevelopmentPrioritization subteam -- details as availablecomponent scramblingprefixDO linking issue for PUIPUI indexer issues - admin info. and unpublished info. showing up in searches |

| Minor Feature Enhancements |
|---|
| <ul style="list-style-type: none">Prioritized by DevelopmentPrioritization subteam -- details as available |

| Major Feature Enhancements/Functionality |
|--|
|--|

| Repair/Refactor |
|-----------------|
|-----------------|

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

| Minor Feature Enhancements |
|--|
| Prioritized by Development |
| Prioritization subteam -- details as available |

| 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 |

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

| Minor Feature Enhancements |
|----------------------------|
|----------------------------|

| Major Feature Enhancements/Functionality |
|--|
|--|

| Repair/Refactor |
|-----------------|
|-----------------|

| Bug Fixes |
|-----------|
|-----------|

| 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 |
|----------------------------|
|----------------------------|

| 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 -- details as available |

| Major Feature Enhancements/Functionality |
|--|
|--|

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

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 -- details as available