

Integrations with Other Applications

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Integrations Sub-Team

The Integrations subteam supports the ArchivesSpace community by taking a transparent approach to documenting the integration of systems with the ArchivesSpace application. We facilitate this by:

- Tracking current integrations and communicating their progress

- Creating resources that assist members of the ArchivesSpace community with their integration work

- Liaising between those developing integrations, the ArchivesSpace Program Team and the ArchivesSpace community

- For specific integrations, determining scope, writing specifications and testing implementations

What are Integrations

<https://archivesspace.atlassian.net/wiki/spaces/ADC/pages/102471723/What+are+Integrations>

Integrations Defined

A functional coupling between ArchivesSpace and another software application to act as a coordinated whole.

Regardless of the complexity of a particular integration, a defining characteristic of all integrations is communication, or seamless data flow--without a manual, intermediary step--between systems.

For our purposes, an integration should also be generalizable for the ArchivesSpace community.

Integrations with ArchivesSpace

<http://archivesspace.org/developers/integrations-with-archivesspace/>

Digital Preservation Integrations

The Archivemata logo features a stylized '@' symbol in orange and blue, followed by the word 'archivemata' in a dark blue serif font with a registered trademark symbol.The Preservica logo features the word 'Preservica' in a bold, dark blue sans-serif font, with 'Digital Preservation' in a smaller, grey sans-serif font below it.

ArchivesSpace-Archivemata Integration

Pairs Archivemata digital objects with ArchivesSpace Resources and Archival Objects and automatically generates Digital Objects in ArchivesSpace.

ArchivesSpace-Archivemata-DSpace Workflow Integration

Improve the creation and reuse of metadata among ArchivesSpace, Archivemata and DSpace and streamlines the ingest and deposit of digital archives.

ArchivesSpace-Preservica Integration

Synchronizes metadata and hierarchy between ArchivesSpace and Preservica, during and at any time after ingest.

Discovery Integrations



ArchivesSpace-Drupal Integration

Periodically poll the ArchivesSpace REST API for newly created and changed Archival Objects and Digital Objects, and publishes them to Drupal.

The logo for staticAid, consisting of the text "staticAid" in white on a dark grey rectangular background.

staticAid

A static website generator for archival description in ArchivesSpace with HTML pages built by Jekyll.

The logo for CollectionSpace, featuring a small blue icon of a building or structure to the left of the text "collection space" in a sans-serif font.

ArchivesSpace-CollectionSpace Integration

Provides a single search portal for ArchivesSpace and CollectionSpace, and integrates social tagging with both databases.

Why Integrate with ArchivesSpace?

<https://archivesspace.atlassian.net/wiki/display/ADC/Why+Integrate+with+ArchivesSpace>

Why Integrate with ArchivesSpace

ArchivesSpace supports the daily activities of special collections/archives.

However, it is only one piece of a larger software ecosystem .

Many institutions maintain several other applications.

The employment of so many systems can have a negative impact on staff efficiency.

But, it doesn't have to.

Integrating these disparate systems together allows institutions to:

create efficient workflows;

minimize the duplication of work; and

maximize the overall benefit of the entire set of applications.

How to Integrate with ArchivesSpace

<https://archivesspace.atlassian.net/wiki/display/ADC/How+to+Integrate+with+ArchivesSpace>

Step 1

Check to see if an integration
already exists

Step 2

Reach out to the community
for ideas and/or support

Step 3

Define the requirements
and/or create a specification
for the integration

Step 4

Design and develop according
to your project specification

Step 5

Test your integration



Step 6

Go live with a full release!

Step 7

Announce the completion of
your integration to the
ArchivesSpace community

Methodology

ArchivesSpace RESTful API

Software Development Kits

Go

Node

Python

Common Metadata and Content Standards

EAD, PREMIS (and PREMIS Rights Statements!), MARC, MODS, etc.

DACS

Not Quite Ready for Integration?

Invest in learning
Need to find resources?
We're here to help!

Thanks!

Questions?

<http://archivesspace.org/developers/integrations-with-archivesspace/>