Archivematica-ArchivesSpace Integration

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Pieces of the Puzzle

● **ArchivesSpace**
  ○ Collection management system

● **Archivematica**
  ○ Ingest tool: produces Archival Information Packages (AIP)
  ○ Extensive technical and preservation metadata

● **DSpace**
  ○ Preservation and access repository
Project Goals and Key Development Tasks

- Goals
  - Facilitate creation/reuse of metadata
  - Streamline the ingest and deposit of content in a repository
  - Find solutions that meet the needs of the Bentley but are flexible and scalable for others

- Development tasks
  - Appraisal and Arrangement Tab
  - ArchivesSpace Integration
  - DSpace Integration
Appraisal and Arrangement Tab
ArchivesSpace Integration
ArchivesSpace Metadata Editing

Title:
Professional Files

Level of description:
series

General note:

Conditions governing access note:

Save  Cancel
Drag and Drop Content
Rights Metadata

- Associate PREMIS Rights statements with archival objects in the Appraisal and Arrangement tab
- **Not** currently integrated with ArchivesSpace
- Required modification of the ArchivesSpace Rights Statement module
agentarchives

Agentarchives is on PyPI!

- `pip install agentarchives`

Or you can install it directly from git:

- `pip install git+https://github.com/artefactual-labs/agentarchives.git`

Usage

This library can be used to interact with Archivists Toolkit, ArchivesSpace, and Access To Memory (AtOM).

ArchivesSpace

First, you need to import the module in your Python script:

```python
from agentarchives import archivesspace
```
Introduction

This is the documentation for the ArchivesSpace RESTful API. This documents the endpoints that are used by the backend server to edit records in the application.

This example API documentation page was created with Slate.

Authentication
Systems of Record

- ArchivesSpace is the system of record for descriptive metadata
  - Descriptive metadata authored in Archivematica, created in and later referenced from ArchivesSpace
- Allows for consistent metadata across systems and facilitates metadata reuse
Working With Developers

- Clearly defined goals
- User stories → development tasks
  - Acceptance criteria
- Iterative approach
Thinking About Systems

● When to extend system vs. when to integrate
● Implementing systems that lend themselves to integration
  ○ APIs
  ○ Open source
● Community involvement
  ○ Feedback from other users of existing systems
  ○ ArchivesSpace Rights Statement enhancements
Thanks!