**systems integration**

*noun*

1. a functional coupling between software applications to act as a coordinated whole [as part of the archival enterprise]
2. seamless data flow--without any manual, intermediary steps--between systems
“Knitting” Systems into Archival Workflows

Archivematica® + ArchivesSpace

Associating digital objects from Archivematica with archival description in ArchivesSpace

ArchivesSpace + Drupal™

Displaying finding aids and digital object records from ArchivesSpace in a Drupal 8 Content Management System (CMS)

Archivematica® + DSpace

Depositing digital objects from Archivematica into a DSpace repository for digital preservation (and access)
“Extending” Systems into Archival Workflows

**Digital Media Log:** Using the ArchivesSpace API for legacy media management

**Find-It:** Developing small applications for ArchivesSpace integration
A Few Benefits of Systems Integration

Wait, there aren’t any Silver Bullets?
● No one system covers all aspects of the “archival enterprise.”
● With systems integration, each system does one thing, and does it really well.
● Systems work together as a coordinated whole to perform archival functions.

Create efficient workflows that minimize the duplication of work
● No more copying and pasting data and metadata from one silo to another!

Manage systems more sustainably
● Systems designed to integrate are easier to replace.
● Integrating systems can lower barriers to entry for non-developers.
How Integration Happens (and a Disclaimer)

Application Programming Interfaces (APIs)
- The "hidden" portion of a website that allows other computers to exchange data or metadata with it

Common metadata standards
- Ensures that your data is portable between systems

A note on Open Source Software (OSS)
- Not strictly necessary, but it can help!

All of the above are system agnostic!

Disclaimer: This is not a “How To” session.
Speakers
Thanks!

Questions?

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