Moving Toward Interoperability
In Metadata Standards

Institutional Repository Metadata Needs:
Examined existing platforms for storing datasets with a focus on the following:

- Ability to work with a metadata schema for research data
- Automatic generation of DOIs
- Capability to work as a repository

Problem:
With a limited budget and staff, the current platforms were examined to see if a combination of them could meet the requirements for research data storage. The metadata schemas from the two systems needed to crosswalk, while allowing for the inclusion of a metadata schema for datasets.

Digital Commons
- Not suitable for datasets
- Current schema is not a pure DC schema
- Requires manual metadata entry
- Not configured for self-deposits
- Cannot handle DataCite subfields

ArchivalWare
- Not able to handle subfields for DataCite schema
- Not able to create a user-friendly template
- Difficulty providing links to other metadata models
- No interoperability between databases
- Difficulty importing metadata in the original schema format
- Would not automatically generate DOIs

DOIs were created via EZID.

NEXT STEP
Moving forward, the lessons learned from this solution and temporary fix provided cause to create a digital repository task force to investigate several other repository systems for validating integration and infrastructure needs for research information dissemination and preservation.