

Migrating the Minority Health and Health Equity Archive from EPrints to DSpace



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Introduction: In 2016 Dr. Stephen Thomas, Director of the Center for Health Equity in the School of Public Health, requested that the Libraries migrate the *Minority Health and Health Equity Archive* (MHHEA) to the UMD Libraries. At the time, MHHEA was running on the EPrints platform at the University of Pittsburgh. Since the UMD Libraries does not provide ongoing development and support of EPrints, the decision was made to migrate the archive to DRUM, running on the DSpace platform.

The problem: Migrating from EPrints to DSpace is not well documented. In addition, the majority of records in MHHEA link out to other sites, whereas DRUM requires authors to upload a document to the repository. To accommodate external links, significant modifications need to be made to the DRUM interface.

How do MHHEA and DRUM differ?

MHHEA (EPrints)	DRUM (DSpace)
Simple and Advanced searches	Simple search with option to refine
Browse: Subject Special Collection Year	Browse : Communities and Collections Issue date Authors Titles Subjects
Export citation(s) to bibliographic manager	Unable to export citation(s)
Share records/searches via social media, e.g. Facebook, Twitter, etc.	Unable to share records/searches via social media
Preview image	Thumbnail
Register to save searches, deposit items & receive alerts	Register for email updates and to deposit items
Complex deposit/input form	Simplified deposit/input form
Visualization of downloads	Download statistics (counter displays next to file)
Hierarchy for controlled subjects (Library of Congress)	Not available; no hierarchy of terms
Uncontrolled keywords	Full item record display includes uncontrolled subject/keyword terms
Link to this item (URI)	Handle (unique URL)
No DOIs	DOIs assigned to each record
Deposit of file non-mandatory	Deposit of file is mandatory
No technical expertise in-house; no plans to upgrade EPrints	Technical expertise and experience working with DSpace; DRUM is on a regular upgrade schedule

Required DRUM Modifications

- Modify submission process
 - Eliminate requirement that a file must be uploaded
 - Add ability for depositors to include links to files
- Modify records to display external links to files

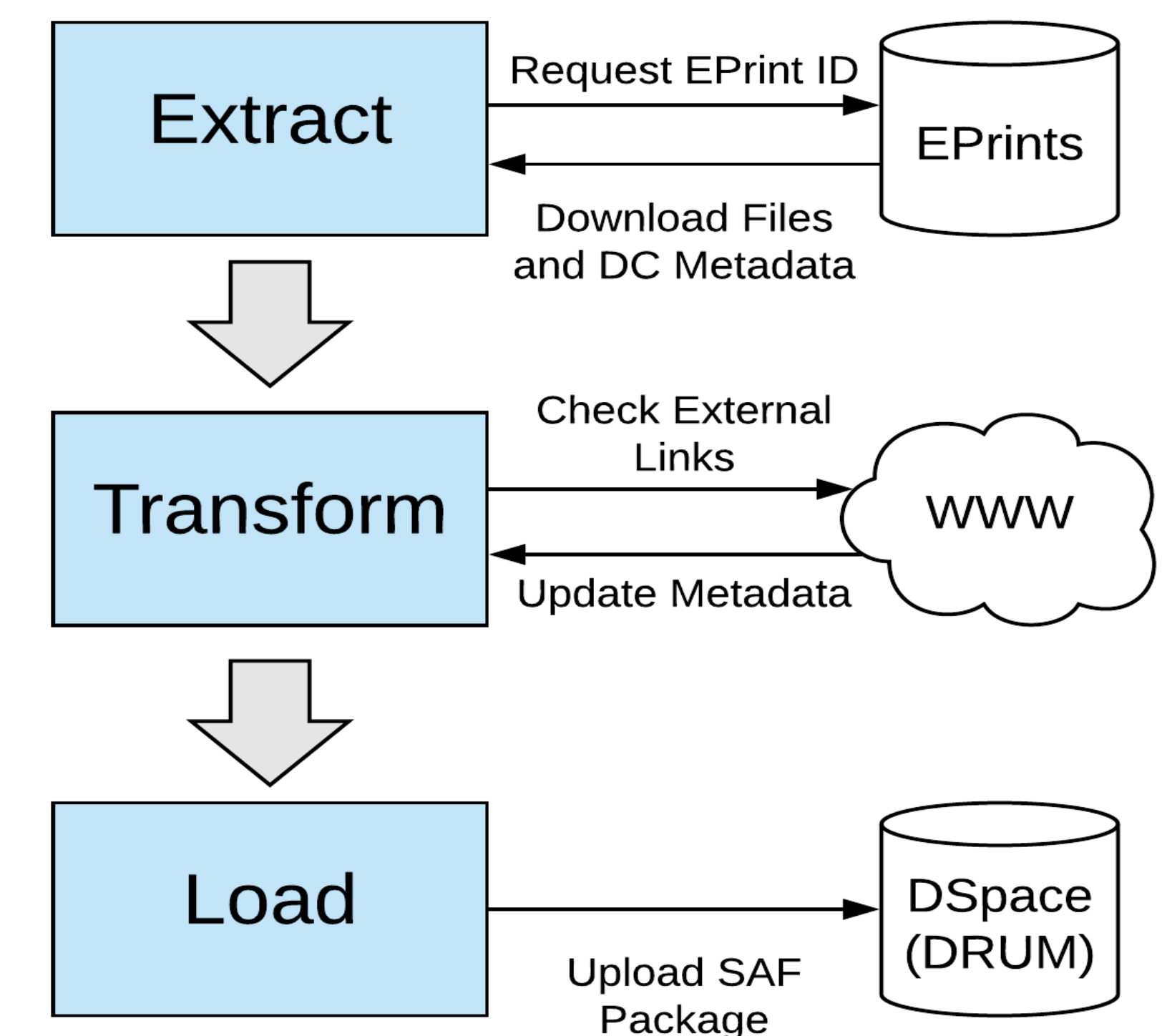
Metadata Mapping

MHHEA	DRUM
creator	dc.contributor.author
contributor	dc.contributor.author
publisher	dc.publisher
type	dc.type
EPrints ID	dc.identifier.other
identifier	dc.identifier.citation
date	dc.date.issued
title	dc.title
relation	dc.description.uri
ISSN	dc.identifier.issn
ISBN	dc.identifier.isbn
subject	dc.subject
description	dc.description.abstract

The Problem of “Link Rot”

Status	Meaning	Action	Number
200	OK	Keep	64
301	Moved Permanently	Update URL	794
302 or 303	'Found'/'See Also' (typical DOI response)	Keep	880
400-499	Client Error	Do not migrate	253
>= 500	Server Error	Check again?	26
--	No Response or Timeout	Do not migrate	386
TOTAL OF EXTERNAL LINKS:			2403

EPrints to DSpace Migration Pipeline



Next Steps

- Develop submission/approval workflow for processing records and train MHHEA staff
- Develop best practices for linking to outside documents, i.e. always use DOIs
- Set up schedule for checking bad links

