

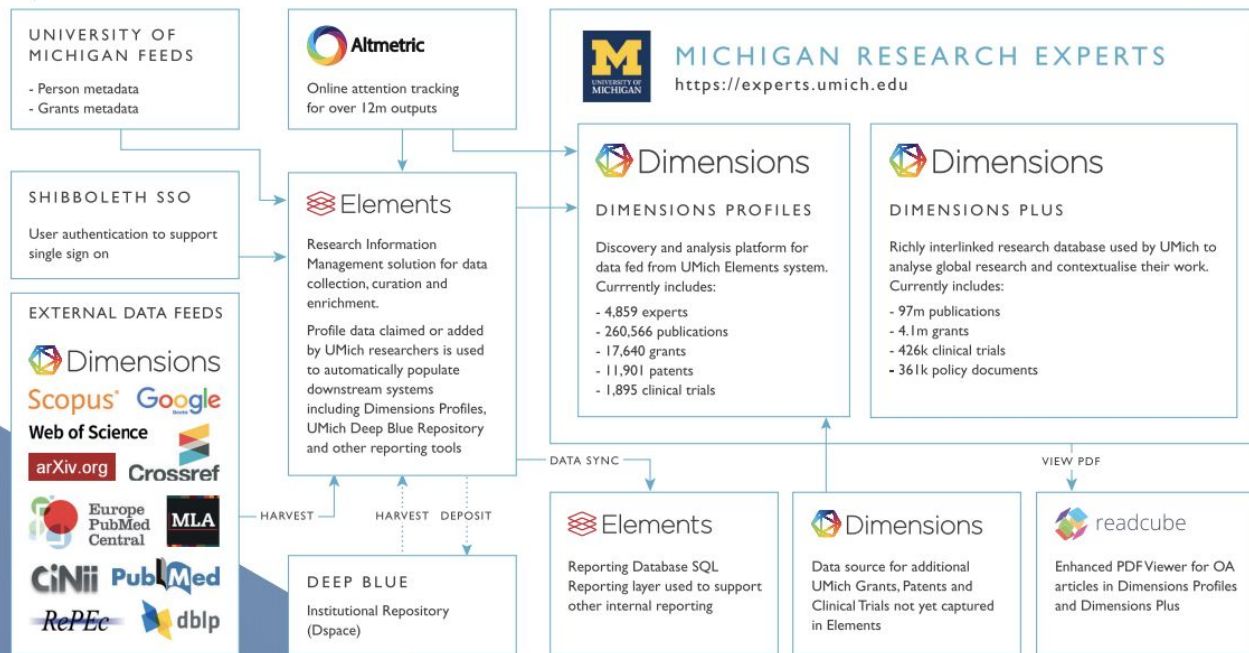
Deep Blue / Michigan Research Experts Integration

Rebecca Welzenbach, Research Impact Librarian

Next Century Library Share Summit

November 14, 2018

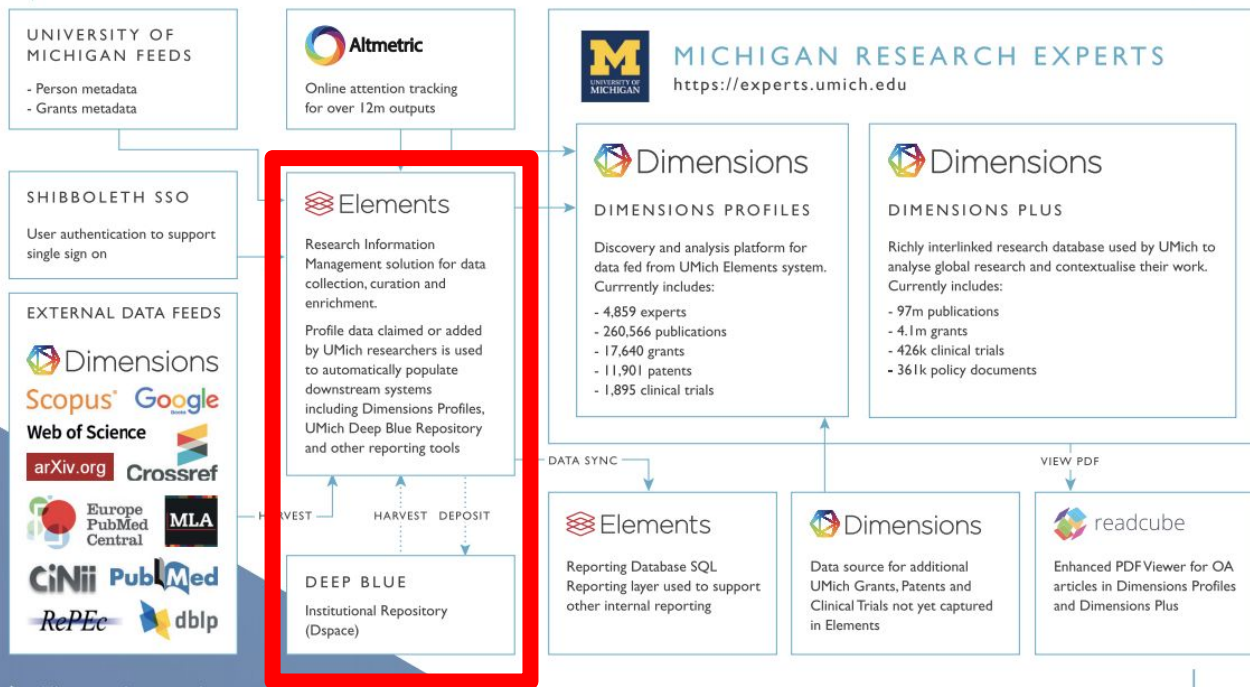
The Michigan Research Experts Information Architecture



> This is a diagram showing the underlying information architecture and connections behind Michigan Research Experts

Source: Byrne, Kate and Stephen Cawley. Connections, Collaborations, & Impact: Data-Driven Approaches to Understanding institutional research expertise. Digital Science case study. October 2018 (pending publication)

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RT2 - Repository Integration

[Add a to-do](#)

- ✓ Please confirm all possible ways of how content is currently ingested into the IR. **2 comments** (Completed by Jim Ottaviani on 12 Sep)
- ✓ If you have an existing IR, how many items does it currently contain ? **3 comments** (Completed by Jim Ottaviani on 12 Sep)
- ✓ What repository platform is your IR based on ? **2 comments** (Completed by Igor Kondrashov on 11 Sep)
- ✓ Do you require one way or bidirectional sync ? **2 comments** (Completed by Igor Kondrashov on 11 Sep)
- ✓ If you use a third party to host or maintain your IR please confirm provider. **1 comment** (Completed by Igor Kondrashov on 11 Sep)
- ✓ Do you maintain the IR server in-house or is it a hosted service ? **2 comments** (Completed by Igor Kondrashov on 11 Sep)

RT2 - Preparation

[Add a to-do](#)

- ✓ Confirm that Deep Blue folks can log in to their Elements accounts **1 comment** (Completed by Rebecca Welzenbach on 11 Oct)
- ✓ Review repository tools integration documentation **8 comments** (Completed by Jim Ottaviani on 2 Oct)
- ✓ Basecamp training for the Deep Blue Team (Jim Ottaviani, Martha Stuit, Jose Blanco, Becky Welzenbach). We want to make sure we're following best practices and that we assign appropriate roles (who checks off that tasks are complete, etc.) – Not sure who to assign this to, so starting w/ Igor. Please re-assign as appropriate. Or, if a full session doesn't seem needed, perhaps we can confirm practices and roles on our next weekly call. (Completed by Igor Kondrashov on 25 Sep)
- ✓ Create a table of all the metadata in DeepBlue **2 comments** (Completed by Igor Kondrashov on 25 Sep)
- ✓ Configure the repository API **5 comments** (Completed by Igor Kondrashov on 25 Sep)
- ✓ Provide details of current repository software **1 comment** (Completed by Igor Kondrashov on 30 Aug)
- ✓ Ports and Firewalls (Completed by Igor Kondrashov on 10 Aug)
- ✓ Request Repository Tools Licence from Symplectic (Completed by Igor Kondrashov on 10 Aug)

To-do lists

[Add a to-do list](#)

RT2 - Harvest Crosswalks

- ☐ Build the crosswalk map file (at least 0.5 day per object type intended for harvest) **8 comments** Evelina Buiciag · Fri, Nov 2
- ☐ Take full backup of Elements, enable verbose logging, limit volume of data for testing phase (1 day) Evelina Buiciag · Mon, Nov 5
- ☐ Test and review crosswalk (1 week) Jim Ottaviani · Mon, Nov 12
- ☐ Adjust and retest crosswalk (1 week) Evelina Buiciag · Mon, Nov 19
- ☐ Enable harvest (1 day) Jim Ottaviani · Tue, Nov 20

[Add a to-do](#)

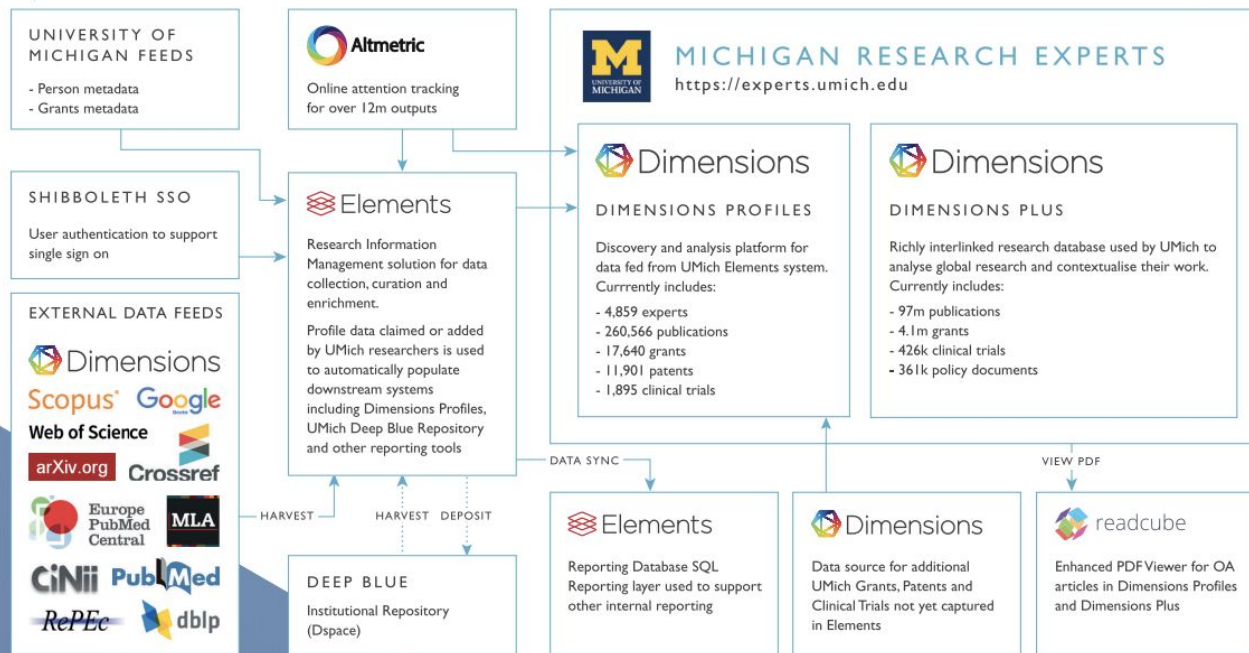
RT2 - Deposit Crosswalks

- ☐ Identify functionality required for crosswalk Jim Ottaviani · Tue, Nov 27
- ☐ Build the crosswalk map file (at least 0.5 day per object type intended for deposit) Evelina Buiciag · Tue, Dec 4
- ☐ Take full backup of Elements, enable verbose logging, limit volume of data for testing phase (1 day) Evelina Buiciag · Wed, Dec 5
- ☐ Test and review crosswalk (1 week) Jim Ottaviani · Mon, Dec 10
- ☐ Adjust and retest crosswalk (1 week) Evelina Buiciag · Thu, Dec 13
- ☐ Enable deposit (1 day) Jim Ottaviani · Fri, Dec 14

[Add a to-do](#)

				object/item type (internal values) ->			
Underlying field in Elements	data type	Default mapping field usage	Default source field in Repository		artefact Field usage for type 'artefact'	Source field for type 'artefact'	book Field usage for type 'book'
title	text	Title	dc.title		[as default]	[use default mapping]	[as default]
abstract	text	Abstract	dc.description.abstract		[as default]		[as default]
authors	person-list	Authors	dc.contributor.author		[as default]		[as default]
author-url	url	Author URL	[no default mapping]		[as default]		[as default]
editors	person-list	Editors	dc.contributor.editor				[as default]
series	text	Series	dc.relation.ispartofseries				[as default]
edition	text	Edition	[no default mapping]				[as default]
volume	text	Volume	[no default mapping]				[as default]
pagination	pagination	Pagination	[no default mapping]				[as default]
publisher	text	Publisher	dc.publisher				[as default]
publisher-url	url	Publisher URL	[no default mapping]		[as default]		[as default]
place-of-publication	text	Place of publication	[no default mapping]				[as default]
publication-date	date	Publication date	dc.date.issued		[as default]		[as default]
isbn-10	isbn-10	ISBN-10	dc.identifier.isbn				[as default]
isbn-13	isbn-13	ISBN-13	dc.identifier.isbn				[as default]
doi	doi	DOI	[no default mapping]				[as default]
medium	text	Medium	dc.format.medium		[as default]		[as default]
publication-status	choice	Status	[no default mapping]		[as default]		[as default]

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