

# Symplectic Elements, Open Access and Repositories

North American User Meeting - October 2019

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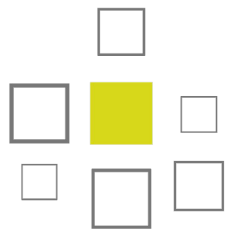
# Session Agenda

- A little bit of context about our OA functionality
- Client Speaker: Ellen Phillips, Boston University
- What's new in Repository Tools & the OA Monitor?
- Plans for the future
- Planning an RT1 to RT2 Migration

# A bit of context

In the beginning, there  
was Repository Tools...

## Our next generation integrations



**D SPACE**



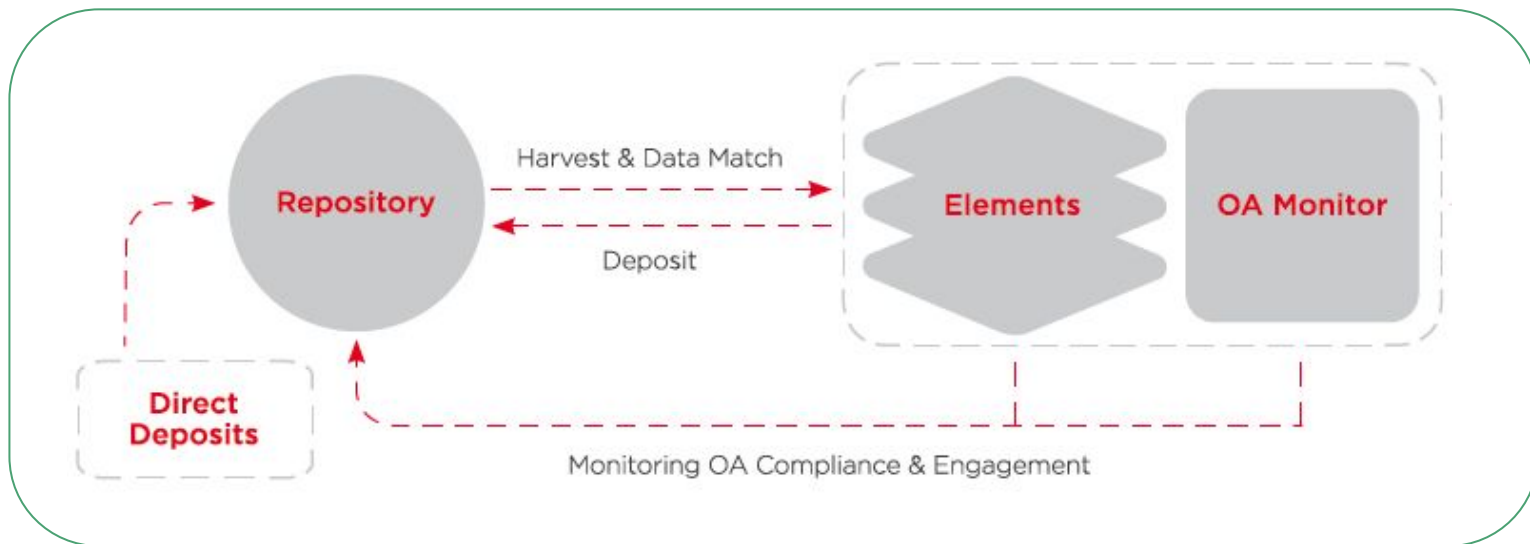
**figshare**  
credit for **all** your research



**Hyrax**

**eprints**  
repository software

# How Repository Tools 2 works



# Manage waiver requests automatically

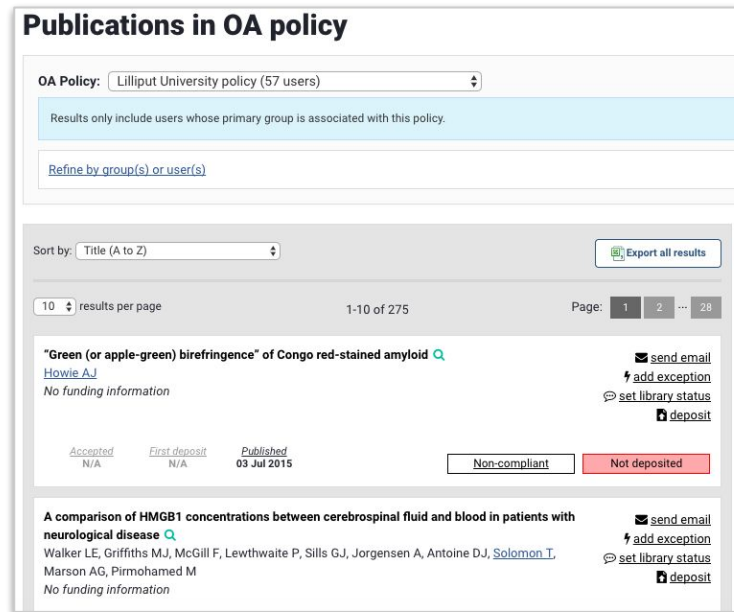
Elements offers functionality that allows researchers to request a waiver for the institution's OA Policy. This configurable functionality:

- Automatically grants the researcher a waiver upon request and logs within Elements that the waiver was granted.
- Can be enabled on a group-by-group basis or even only for selected individuals.
- Allows institutions to customise and brand their waiver template
- Offers a choice of prompts within the system.

# The Open Access Monitor

The purpose of the OA Monitor is to:

- Monitor and report on deposits & engagement.
- Identify OA champions.
- Provide central workspace for admin staff to facilitate OA activities including deposits and advocacy.
- Track OA policy compliance and record article-level exceptions & opt-outs.



**Publications in OA policy**

OA Policy: Lilliput University policy (57 users)

Results only include users whose primary group is associated with this policy.

[Refine by group\(s\) or user\(s\)](#)

Sort by: Title (A to Z) Export all results

10 results per page 1-10 of 275 Page: 1 2 ... 28

**"Green (or apple-green) birefringence" of Congo red-stained amyloid** [Q](#)  
[Howie A.J.](#)  
No funding information

Accepted N/A First deposit N/A Published 03 Jul 2015

Non-compliant Not deposited

**A comparison of HMGB1 concentrations between cerebrospinal fluid and blood in patients with neurological disease** [Q](#)  
Walker LE, Griffiths M.J, McGill F, Lewthwaite P, Sills G.J, Jorgensen A, Antoine D.J, [Solomon T.](#)  
Marson AG, Pirmohamed M  
No funding information

[send email](#)  
[add exception](#)  
[set library status](#)  
[deposit](#)




# OA Monitor Reports

- Easy access to reports on depositing and OA policy compliance.
- Report by group and/or user(s)
- OA relevant filters including dates, compliance status and awaiting deposit.
- Produces CSV with one row per publication per repository/policy

## OA Monitor reports

1. Select groups and / or users:

Select group(s):  
 Lilliput University

Select name(s):

2. Choose filters to apply:

Date of acceptance  
From  to  ☐ Exclude missing dates: ☐

Date of publication  
From  to  ☐ Exclude missing dates: ☐

Date of first deposit  
From  to  ☐ Exclude missing dates: ☐

Compliance status:

Include only publications awaiting deposit: ☐

3. Choose a report:

☒ Deposit report ☐ Compliance report

A data extract of publications that fall within the OA policy and information about deposits in targeted repositories.

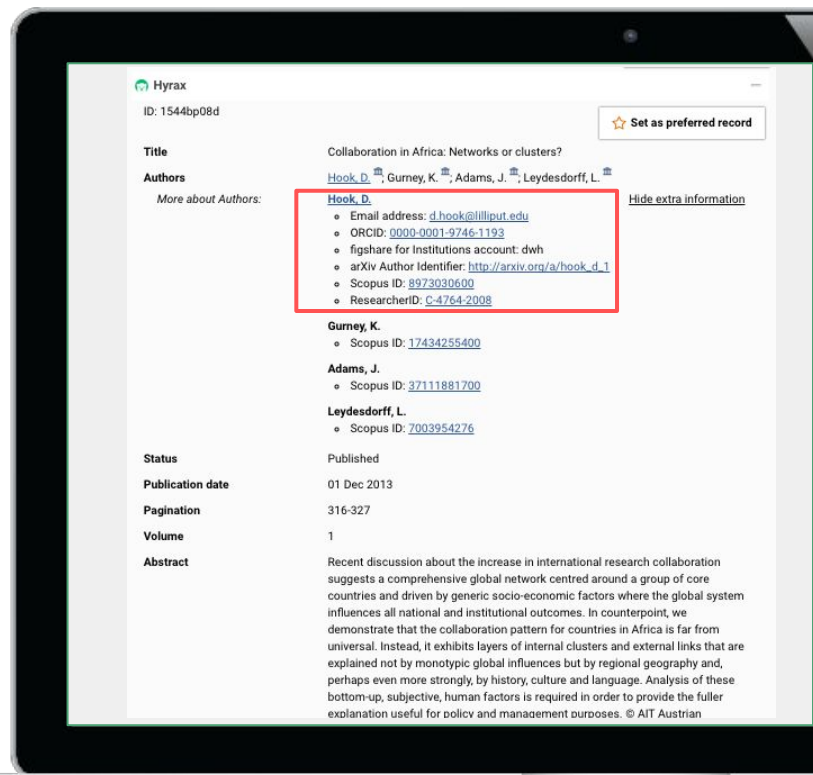
# What's new in Repository Tools & the OA Monitor?

# New Hyrax RT2 integration

Our new repository integration with Hyrax, creates a rich bi-directional connection between Elements and Hyrax with both harvest and deposit functionality.

Features include:

- Harvest & differential harvest to ensure Elements accurate represents all of the items in your repository
- Deposit functionality including the ability to:
  - Upload files from their computer
  - Directly deposit full text files found on arXiv and Europe PubMed Central to the repository.
  - Deposit an OA Location/
  - Perform subsequent deposits, submitting additional files to the repository after the initial deposit.
- Uses a combination of MODS and METS metadata schemas



# Hyrax RT2 integration - A thank you to Oxford!

This new integration would not have been possible without the contributions of our development partner, the Bodleian Libraries at the University of Oxford.

The team at Oxford, working alongside CottageLabs, have developed a SWORD2 API gem for Hyrax and developed an OAI-PMH API service within Hyrax in order to make this integration possible and they plan to share this code with the open-source Hyrax community in the near future.

The team at Oxford have also been instrumental to the development of example bi-directional crosswalks using the MODS and METS metadata schemas, ensuring we have created a robust standards-based solution.

Oxford plans to launch their new Hyrax repository in January 2020.

# Automated metadata updates for RT2 EPrints & DSpace

Elements now offers a new highly configurable framework to manage the controlled push of metadata updates from Elements to EPrints.

Institutions configure which metadata updates are 'relevant' to their repository, ensuring that Elements will only populate updates to those specific permitted metadata fields.

To ensure relevance schemes are easy to configure and maintain we have introduced a new relevance scheme editor, enabling system administrators to edit and test their relevance schemes directly within the Elements UI.



# Multiple RT2 sources of the same kind



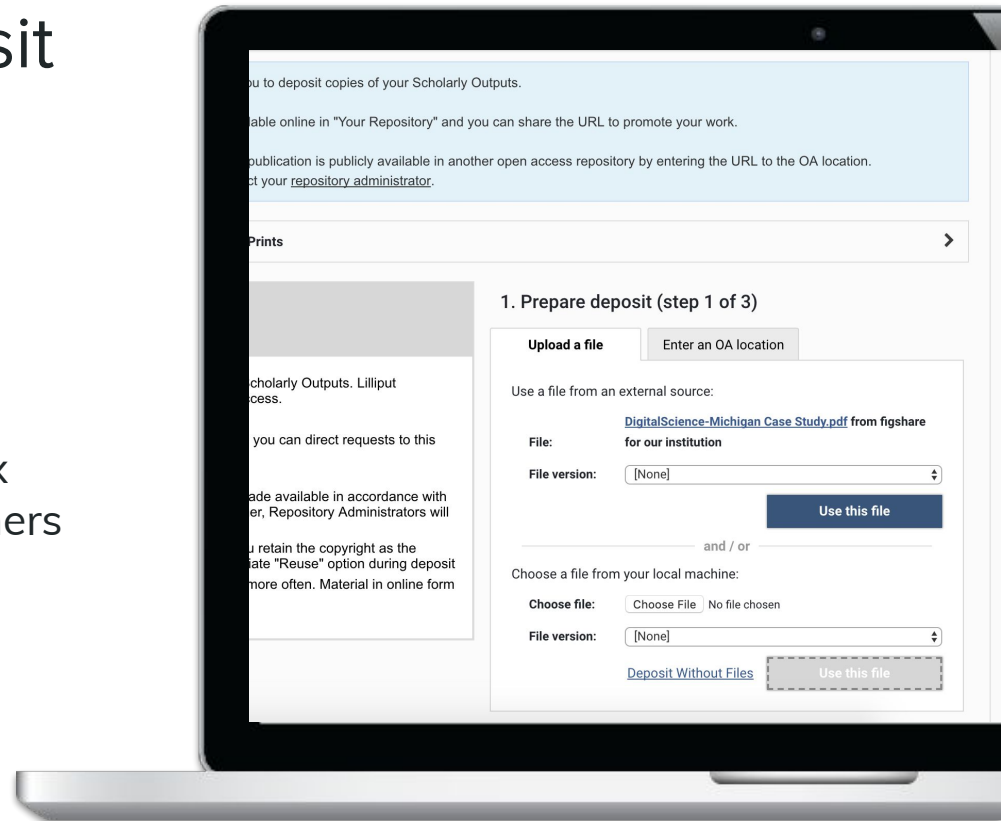
We have extended our Repository Tools 2 framework to allow institutions to integrate with multiple repositories of the same kind. For example an institution can now integrate both their Eprints-based papers repository and their Eprints-based data repository.

Additional Eprints, DSpace or Hyrax RT2 data sources can be generated within Elements upon request. For more information or assistance setting up an additional RT2 data source please contact Symplectic support.

# RT2 Metadata-only Deposit

Our new metadata-only deposit feature allows institutions to choose to permit deposits without a file or an OA Location.

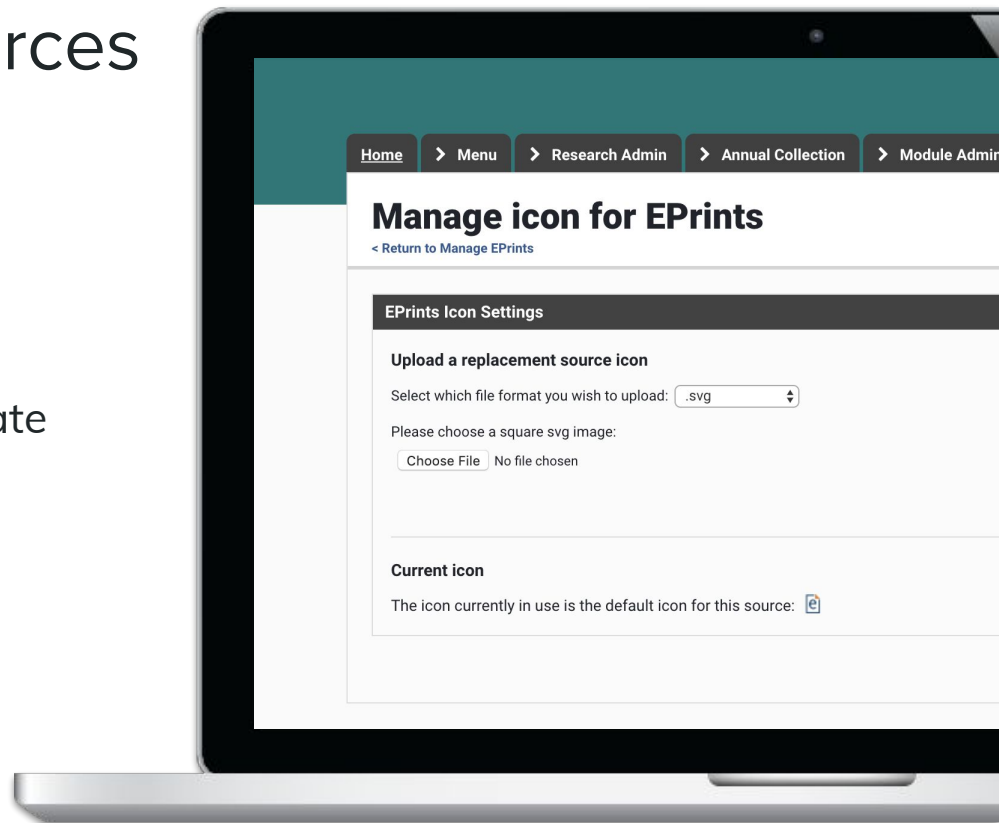
This new feature is available for DSpace, EPrints, Figshare for Institutions and Hyrax RT2 integrations. Once enabled, Researchers will see a new option on the RT2 deposit page allowing them to choose to 'Deposit without files'.



# Custom Icons for RT2 sources

Administrators can now upload a custom data source icon for their repository and custom institutional sources.

This new feature allows institutions to create a strong visual link between repository records within Elements and the branding used on the repository itself.



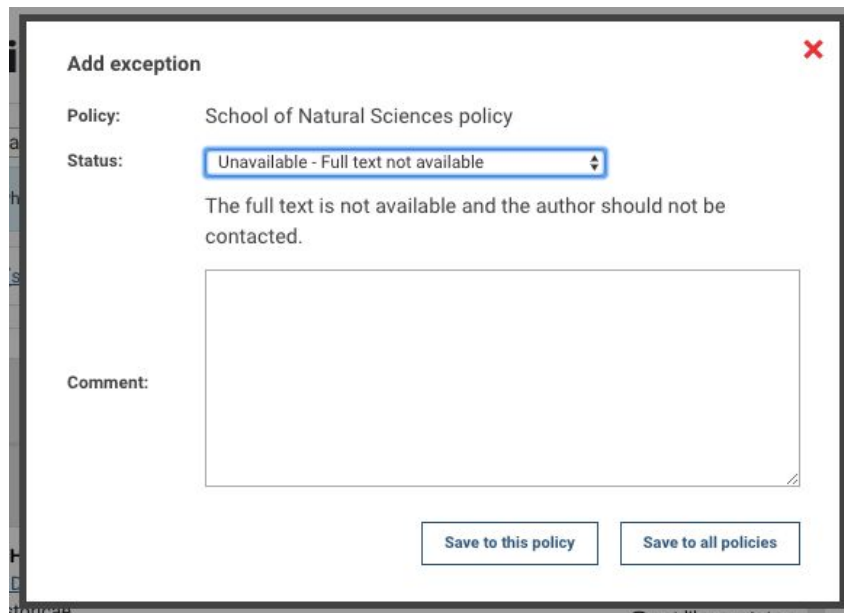


# Capture exceptions per OA policy

In the OA Monitor, it's now possible for exceptions to be captured on a per policy-basis for each publication.

This allows institutions with multiple policies more granular control over tracking waivers and other exceptions.

When applying an exception, you can choose to save it to only the policy in question, or save it to all applicable policies.



The screenshot shows a dialog box titled "Add exception" with a red close button in the top right corner. The "Policy:" field is set to "School of Natural Sciences policy". The "Status:" field is a dropdown menu with "Unavailable - Full text not available" selected and highlighted by a blue border. Below the status field, a text message reads: "The full text is not available and the author should not be contacted." There is a large text area labeled "Comment:" below this message. At the bottom right, there are two buttons: "Save to this policy" and "Save to all policies".

# OA Monitor: Manage exceptions via the API

You can now manage OA Monitor exceptions in bulk using the Elements API.

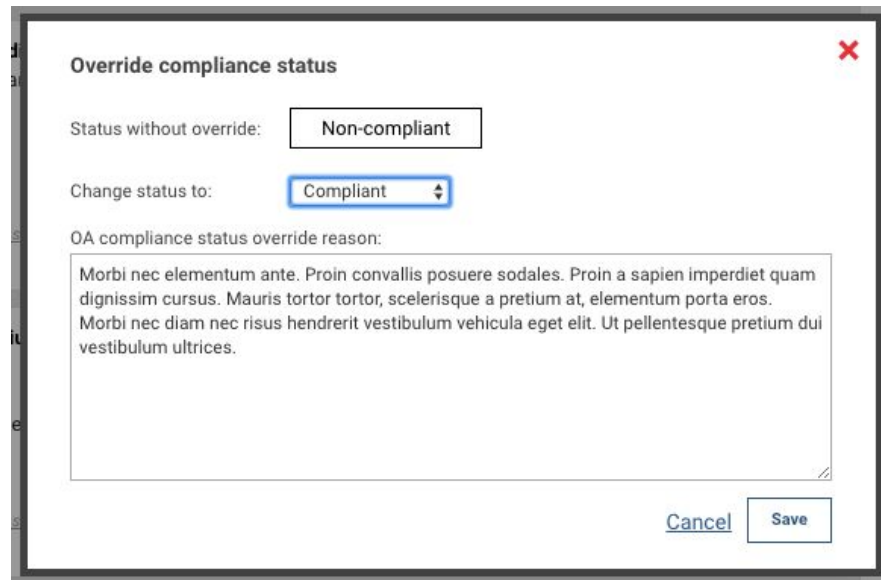
This new functionality allows administrators to apply or remove exceptions and associated exception comments.

We have added new examples to our Postman collection of API operations to guide you on how to do this. For additional information please contact Symplectic support.

# Override OA compliance status

Administrators can now override a publication's OA compliance status, against the selected OA policy using our new compliance override feature.

This new feature allows system administrators and system verifiers to permanently override the calculated compliance status and record a reason for the override. If needed, this override can be edited in the future to either change the status or return to the calculated status.



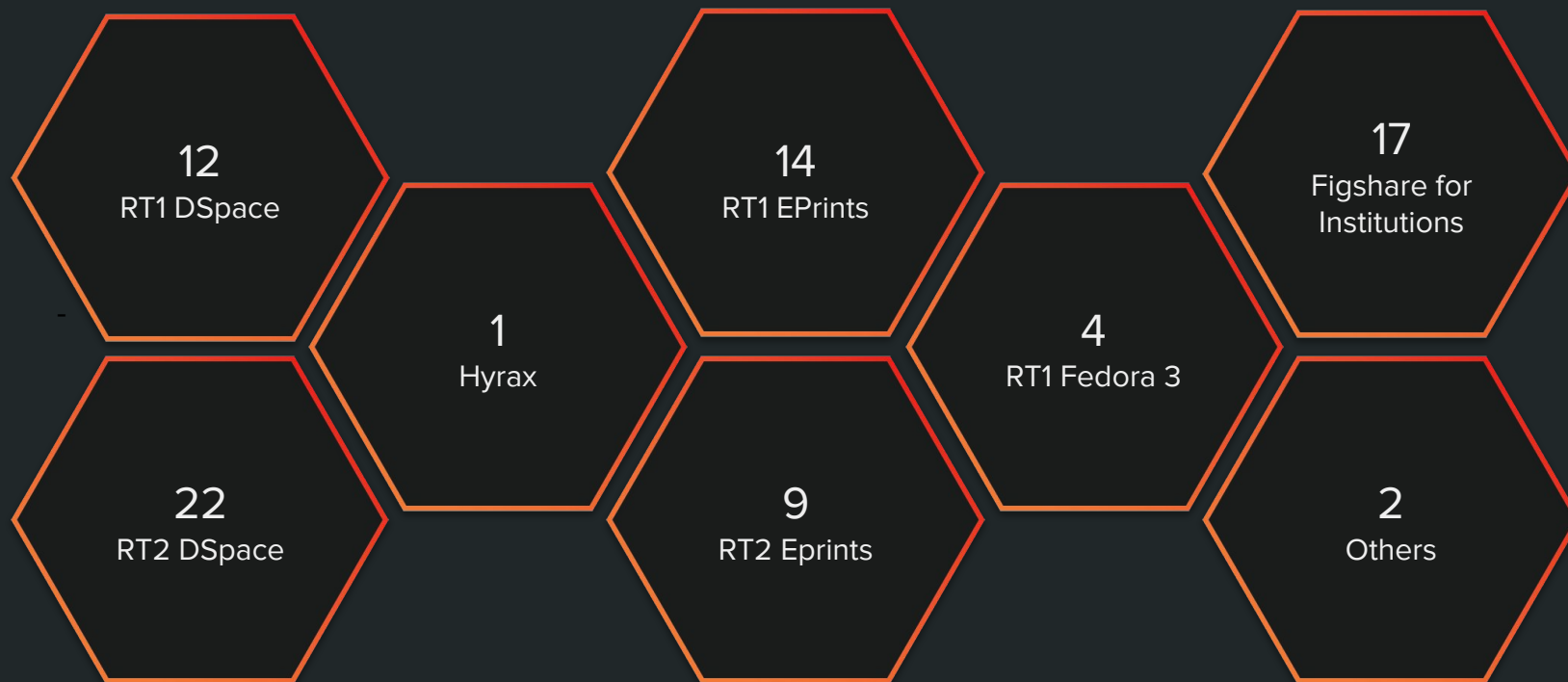
The screenshot shows a modal dialog box titled "Override compliance status" with a red close button in the top right corner. The dialog contains the following elements:

- Status without override:** A text label followed by a button labeled "Non-compliant".
- Change status to:** A text label followed by a dropdown menu currently showing "Compliant".
- OA compliance status override reason:** A text label followed by a large text area containing placeholder text: "Morbi nec elementum ante. Proin convallis posuere sodales. Proin a sapien imperdiet quam dignissim cursus. Mauris tortor tortor, scelerisque a pretium at, elementum porta eros. Morbi nec diam nec risus hendrerit vestibulum vehicula eget elit. Ut pellentesque pretium dui vestibulum ultrices."
- Buttons:** "Cancel" and "Save" buttons located at the bottom right of the dialog.

# Plans for the future

# RT2 Migrations

# Repository integrations by platform



# Retiring Repository Tools 1

We are announcing the ‘end of support’ for Repository Tools 1 effective the first release of 2022.

This is to allow time for all institutions to migrate from RT1 to RT2.

# Key stages of a migration

Plan field mappings



Transfer RT1 linkages



Customise crosswalks



Adjust OA policy settings



Configure connection



Adjust other integrations



Test crosswalks



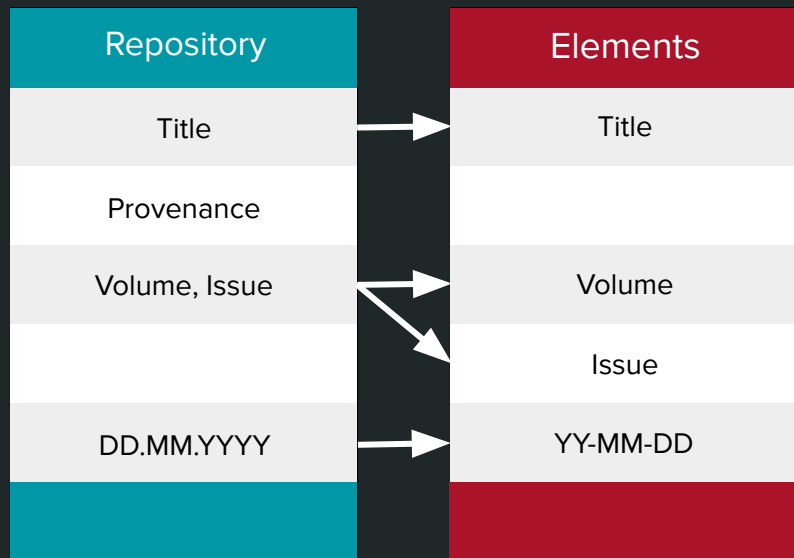
Plan cut over & go-live



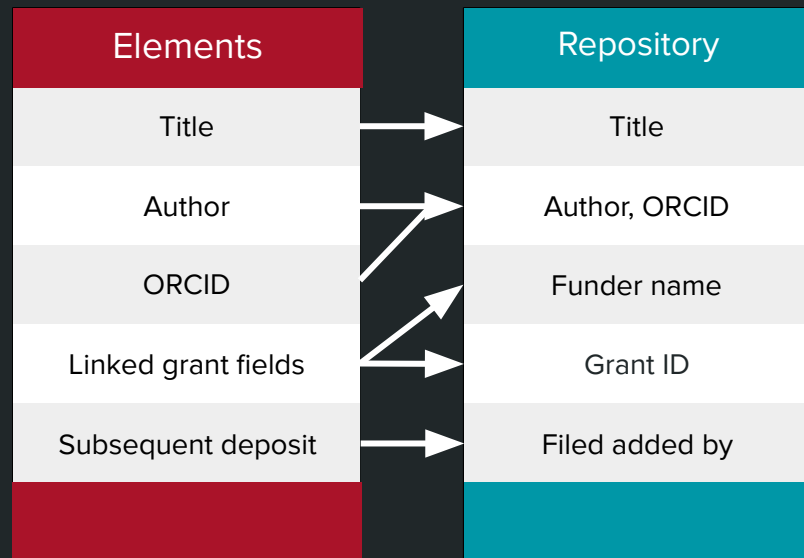


# Planning your field mappings

Harvest crosswalks



Deposit crosswalks

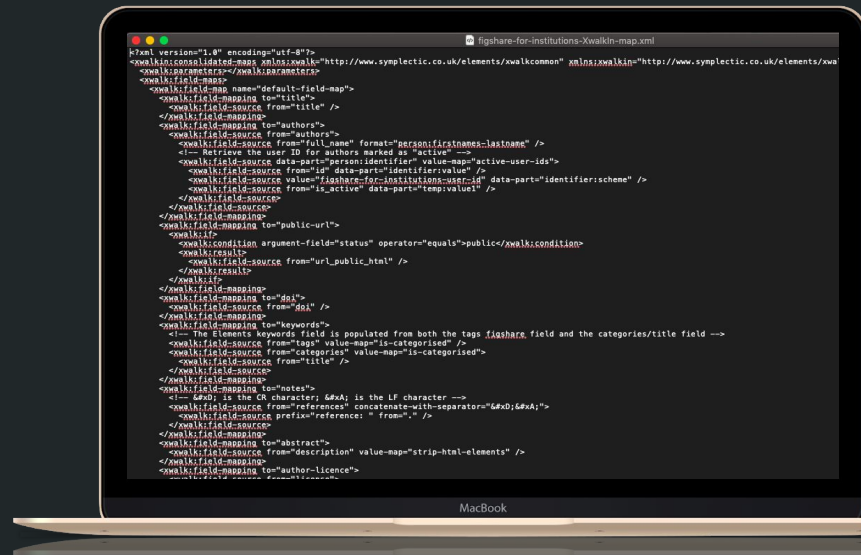


# Customising your crosswalks

Written in XML, the crosswalks are supported by an extensive, flexible schema.

Start by defining your default mapping and then add specific type/field customisations.

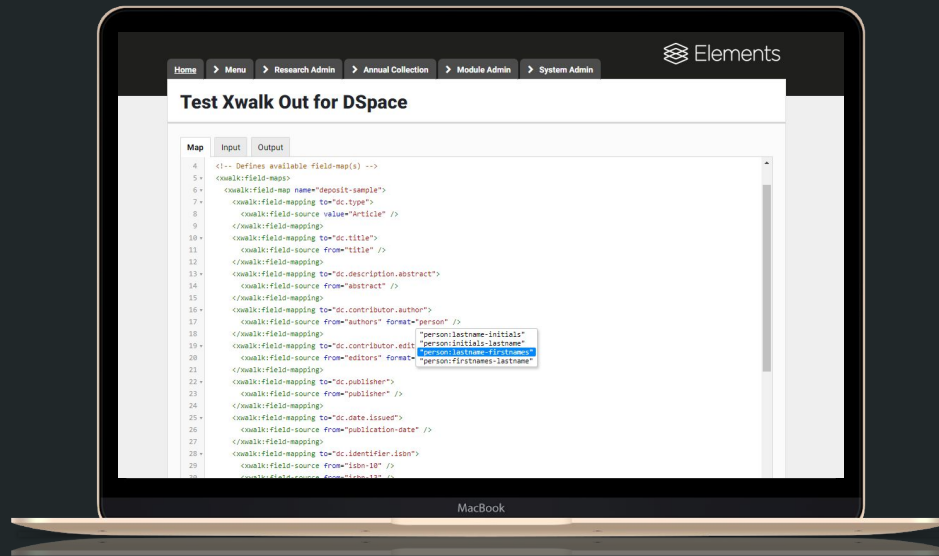
Use the object-neighbourhood features to allow you to map metadata about linked objects (users, grants etc).



# Customising your crosswalks

In Elements 5.15 we introduced functionality which allows administrators to edit the crosswalks directly within the Elements UI.

When you finish making your edits you will be able to test your crosswalk and then save it and automatically upload the changes.



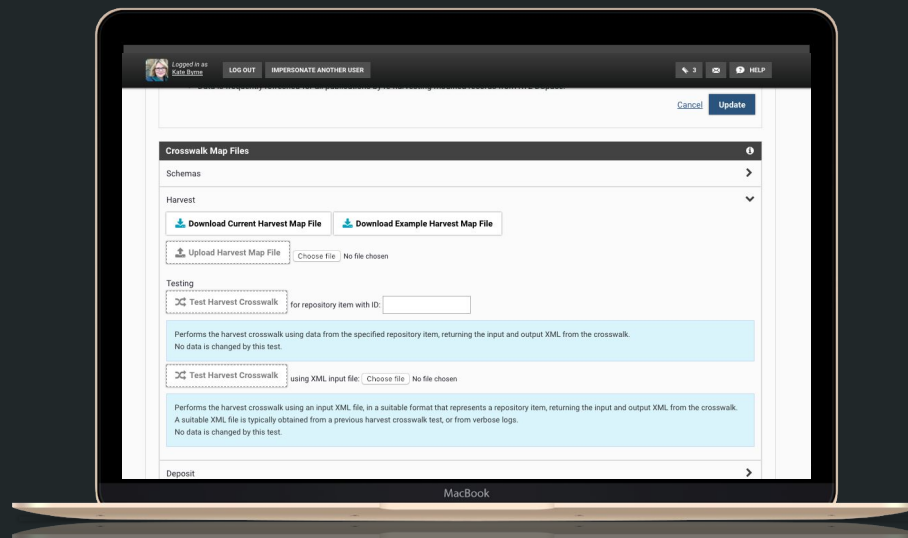
# Testing Crosswalks

Always start in a Test Environment for both systems.

Two Stages:

- Use our built in crosswalk tester before you enable the connection
- Enable the connection and run the harvest and make deposits and review results

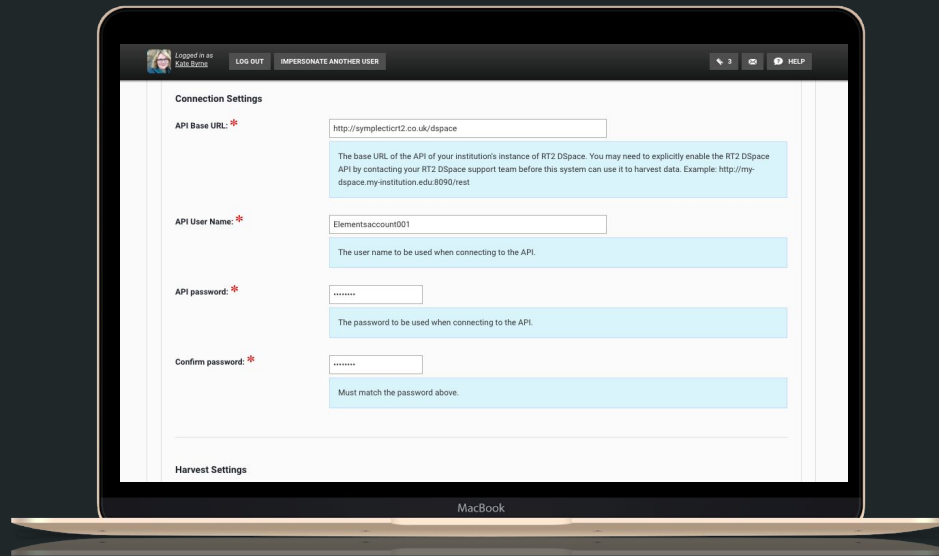
Adjust the crosswalks and retest.



# Optional: Automated Metadata updates

If you desire to use our Automated Metadata updates you will need to configure which metadata updates are 'relevant' to their repository.

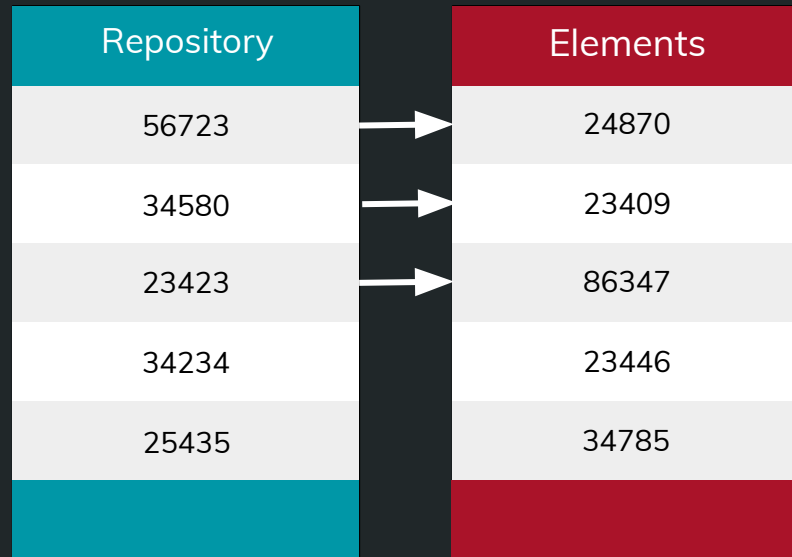
This ensure that Elements will only populate updates to those specific permitted metadata fields.



# Transfer RT1 linkages to RT2

We can provide you with a script to take the matches from your RT1 integration (held in the identifiers table) and use them to inform the matches created on the initial harvest into Elements. This ensures your existing known linkages are preserved.

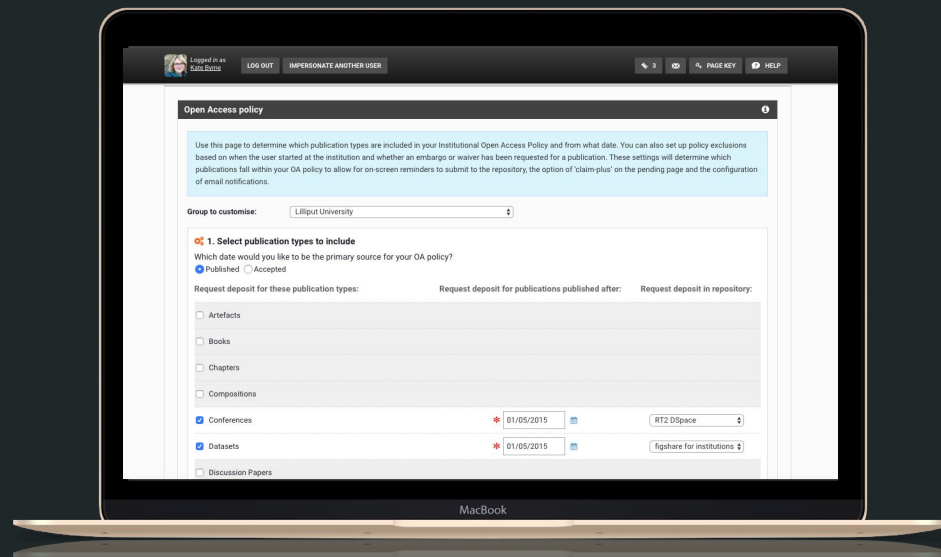
Any new items will then be matched within Elements via our standard matching algorithm.



# Adjust OA Policy settings

Review your OA Policy settings to ensure they are consistent with your new crosswalks.

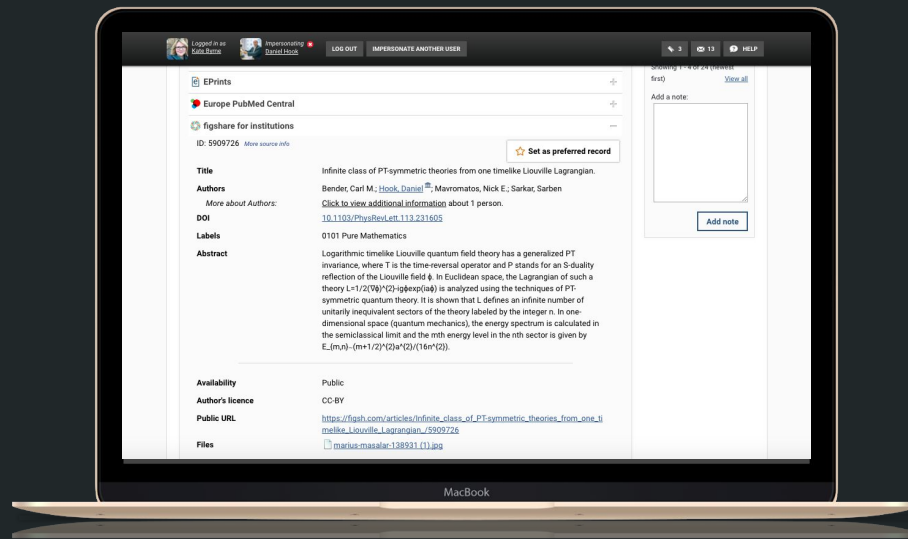
Make sure you adjust the target repository to be your new integration.



# Adjust OA fields in other integrations

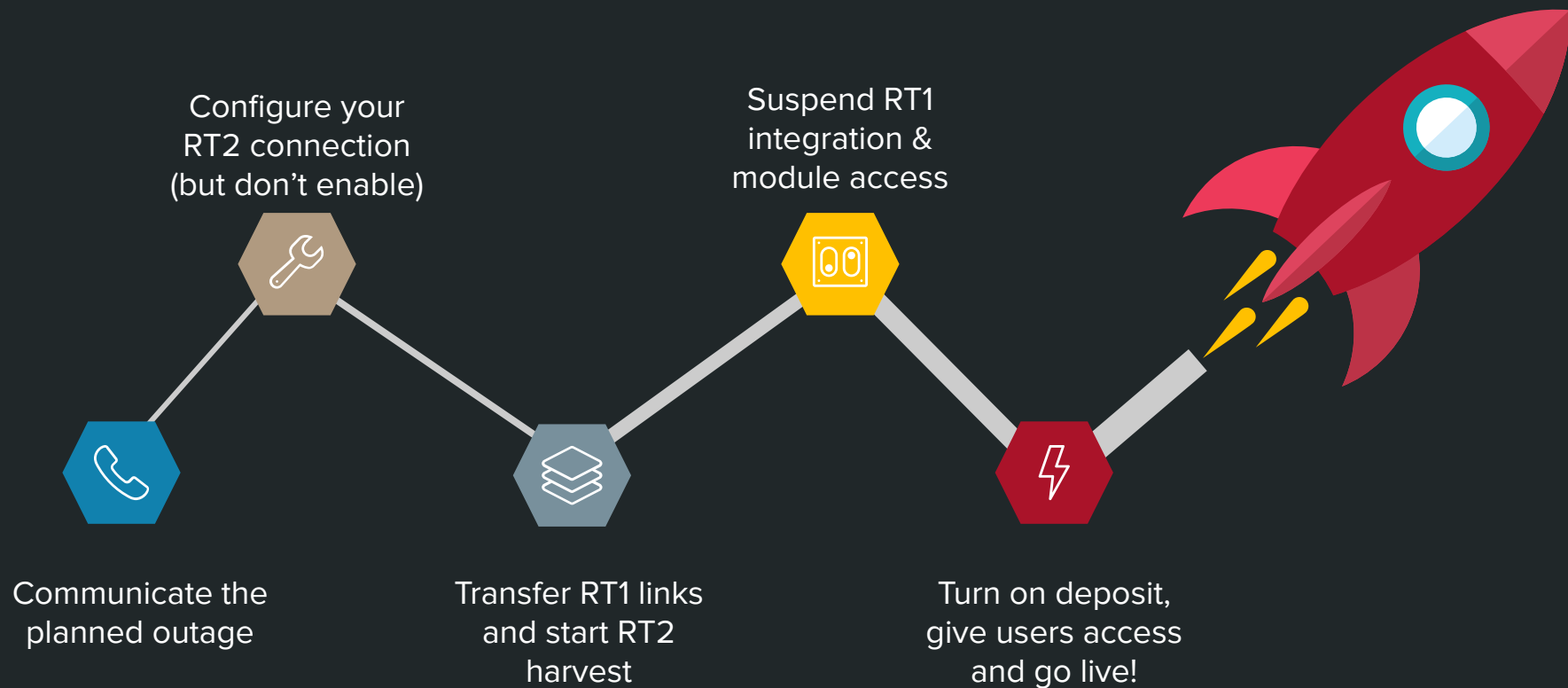
In RT1 links between publications in Elements and publications in the repository existed at the 'object' level. In RT2 these links exist at the record level.

Remember to adjust your other integrations to use the new RT2 fields or you will lose your links to the repository from your reports or profile system.





# Plan cutover and go-live



# Key points to keep in mind



**Migration  
not an  
upgrade**

Need to plan a  
cutover



**Two new  
crosswalks  
needed**

Important to plan  
mappings



**Self-migrate  
or use our  
service**

Scheduling is  
important



**Start by  
reviewing  
documentation**

Check out the  
materials on our  
support site



**Get all the  
right people  
involved**

Think about  
knowledge and  
skills you'll need

# Any questions?