

Share the Experience: Collection Management CM@Hull

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The National Bibliographic Knowledgebase

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Investing in library services

Transforming our library support services

Developing a more effective, efficient and cohesive set of library services

National bibliographic knowledgebase

We're building a new UK-wide service to help libraries collaboratively manage their collections and improve access to print and digital resources

Jisc

We're using the latest digital technologies



to create a national bibliographic knowledgebase

2 years
Ends 18 Jan 2019

Budget:
Over £1m

Expected outcome:
New service

Tags: COLLABORATION

LIBRARIES

RESOURCE DISCOVERY



Started 1 May 2016

Budget:
£250k to £1m

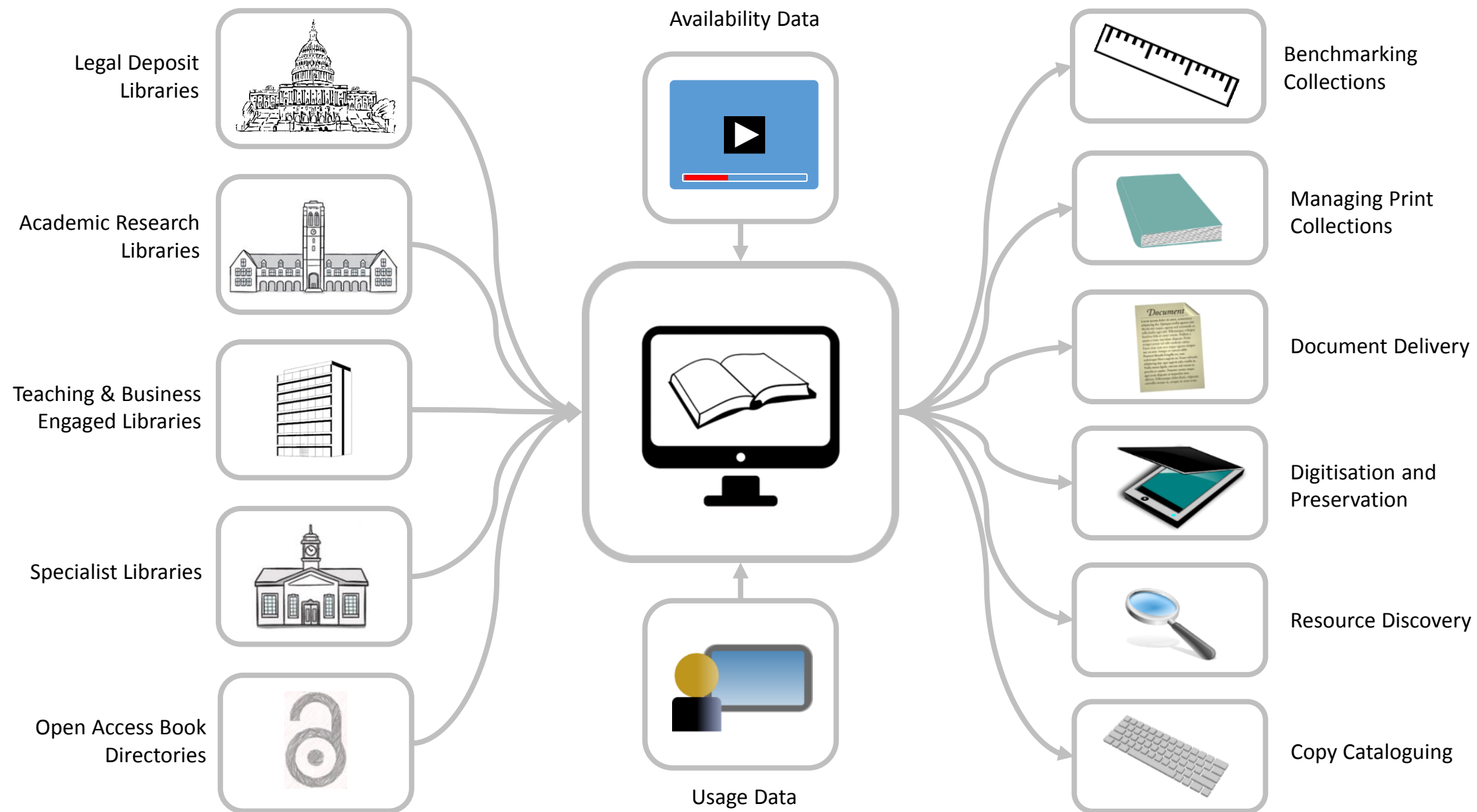
Expected outcome:
Service development

Tags: DATA AND ANALYTICS

LIBRARIES

RESOURCE DISCOVERY

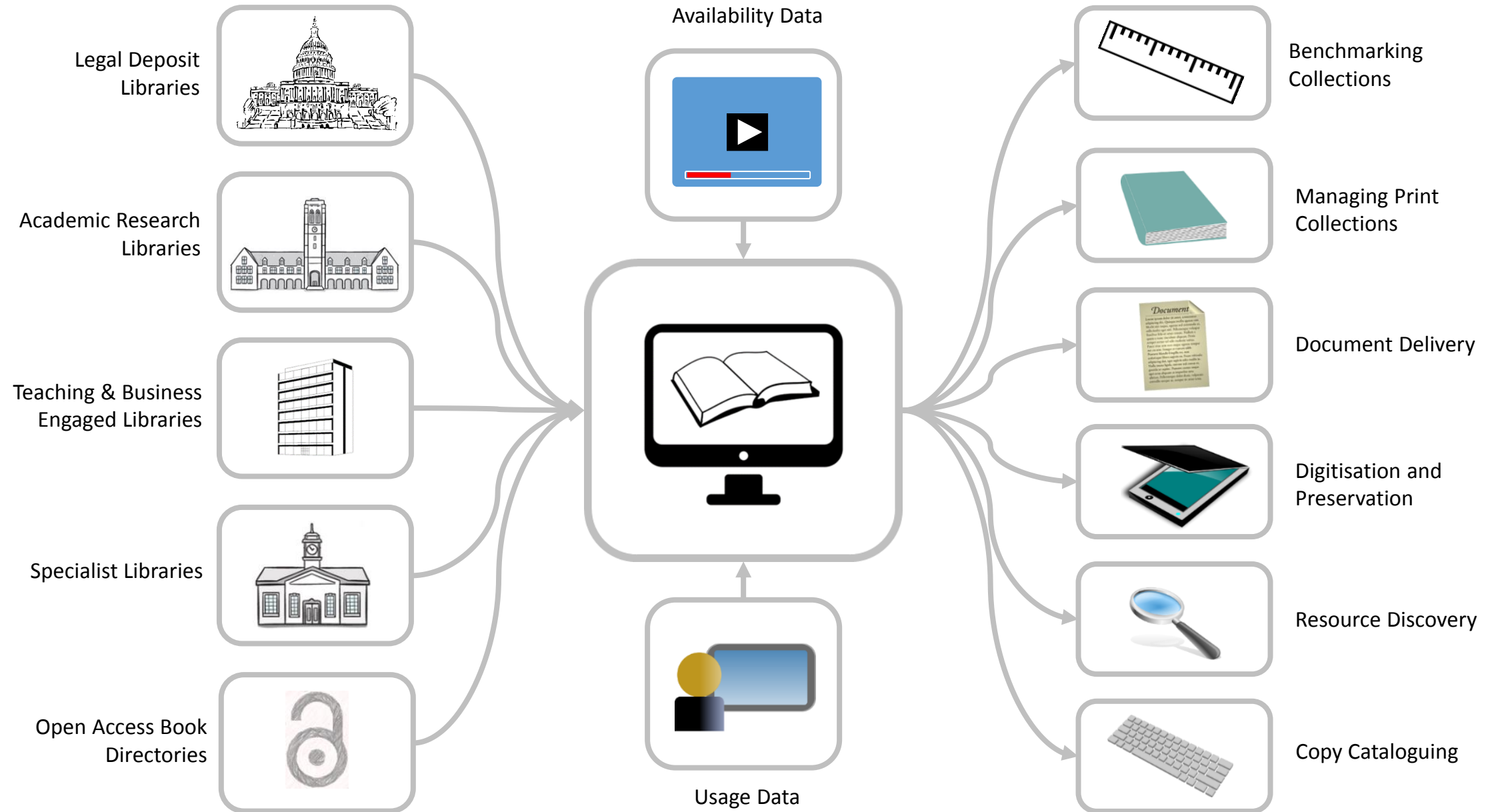
What is the National Bibliographic Knowledgebase?

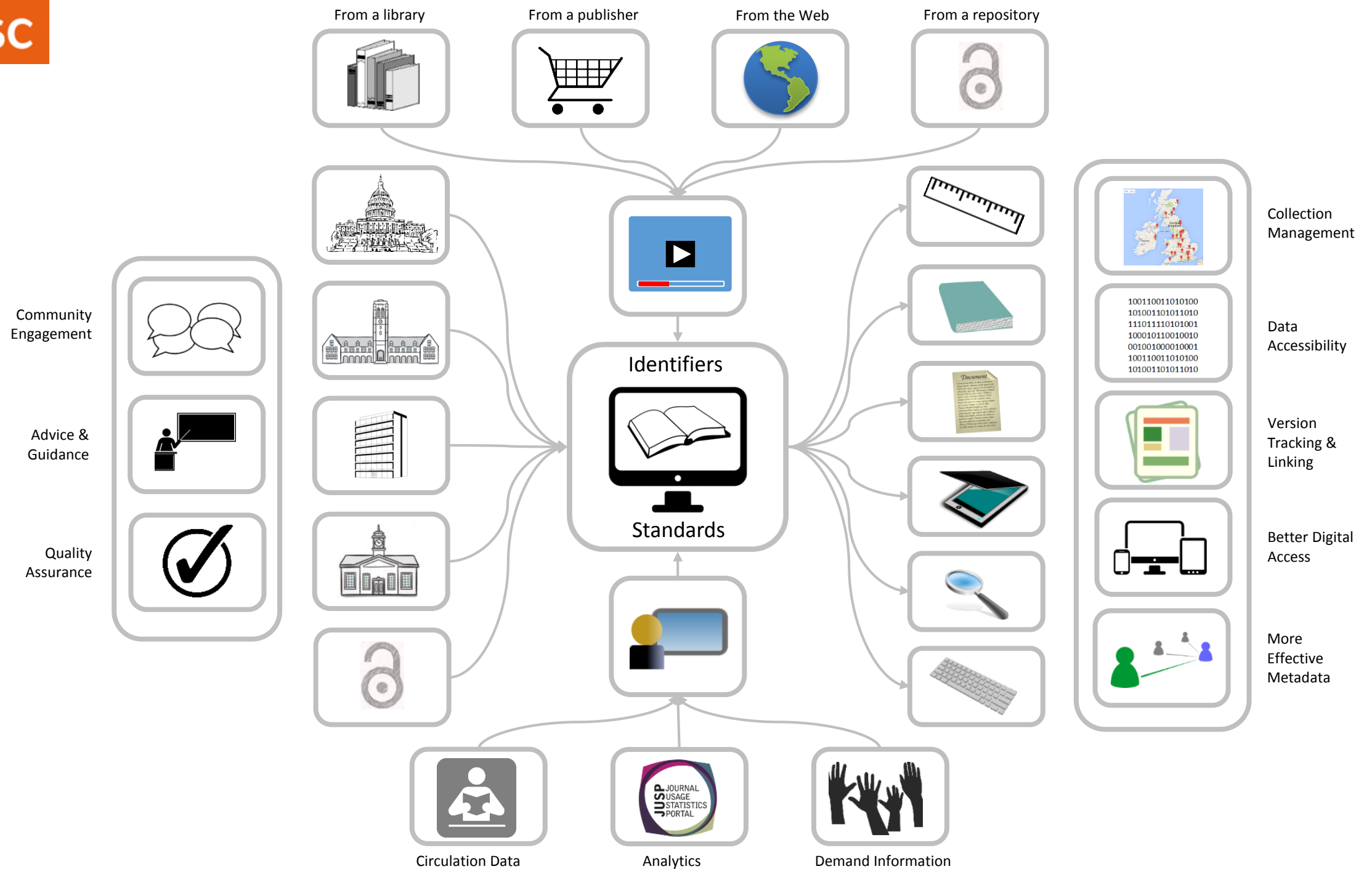


What is it?

The National Bibliographic Knowledgebase (NBK) will aggregate bibliographic data at scale and link with a number of other data sources to inform library collection management decisions and to help users more effectively find, access and use print and digital scholarly resources.

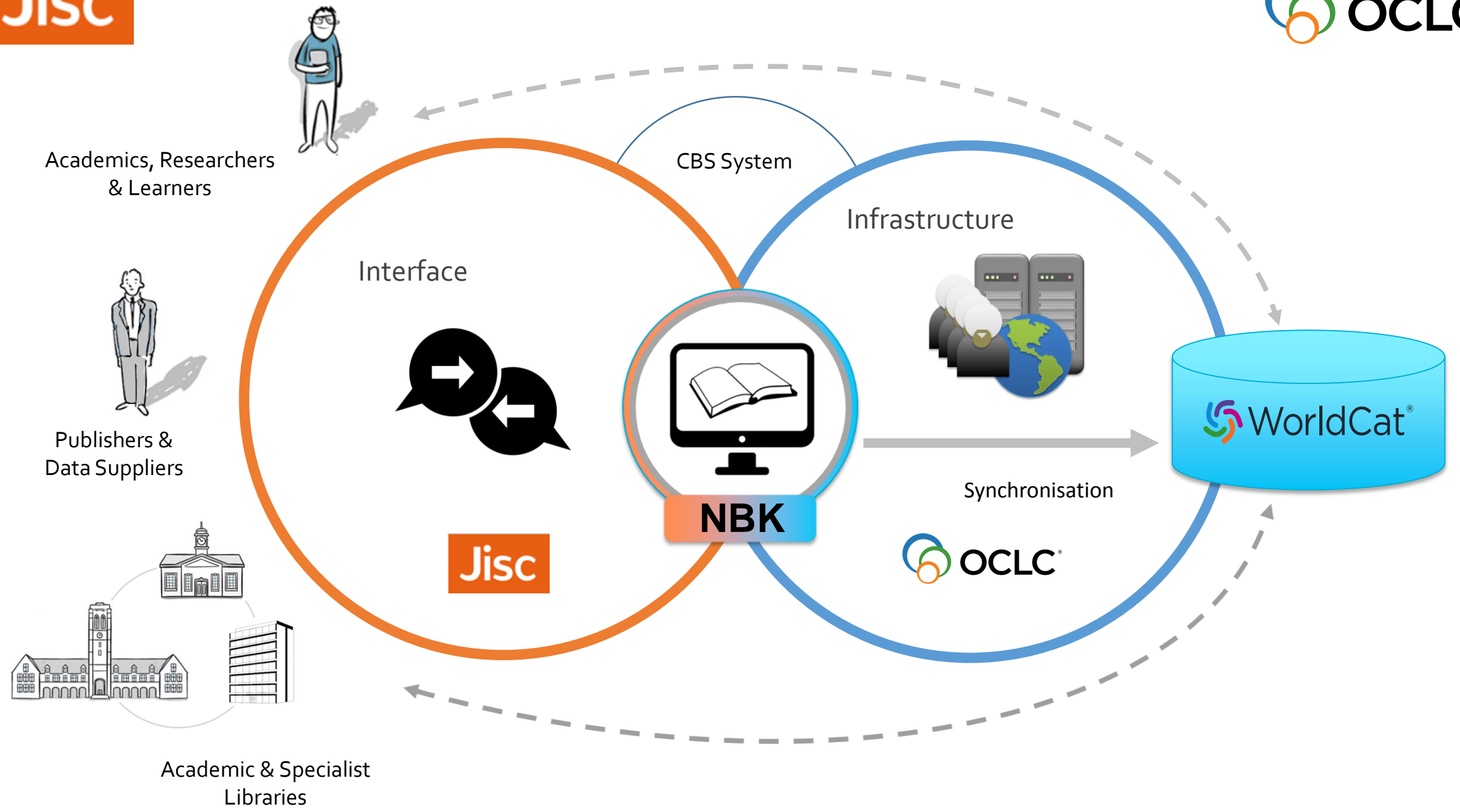
What is the National Bibliographic Knowledgebase?





What are we trying to achieve?

The NBK will help transform how libraries manage their collections, provide access to resources and collaborate with each other. It will provide a sustainable fit-for-purpose next generation national data infrastructure that practically supports libraries to make the transition from a print-first to a digital-first paradigm.



NBK is an engagement programme

Decommission



LMS



Data supply



Standards



CM



Partnership



National



Open



International



Discovery



Serials



Identifiers



Articles



Interoperability



Cataloguing



Infrastructure



Access



Usage stats



Analytics



Strategy






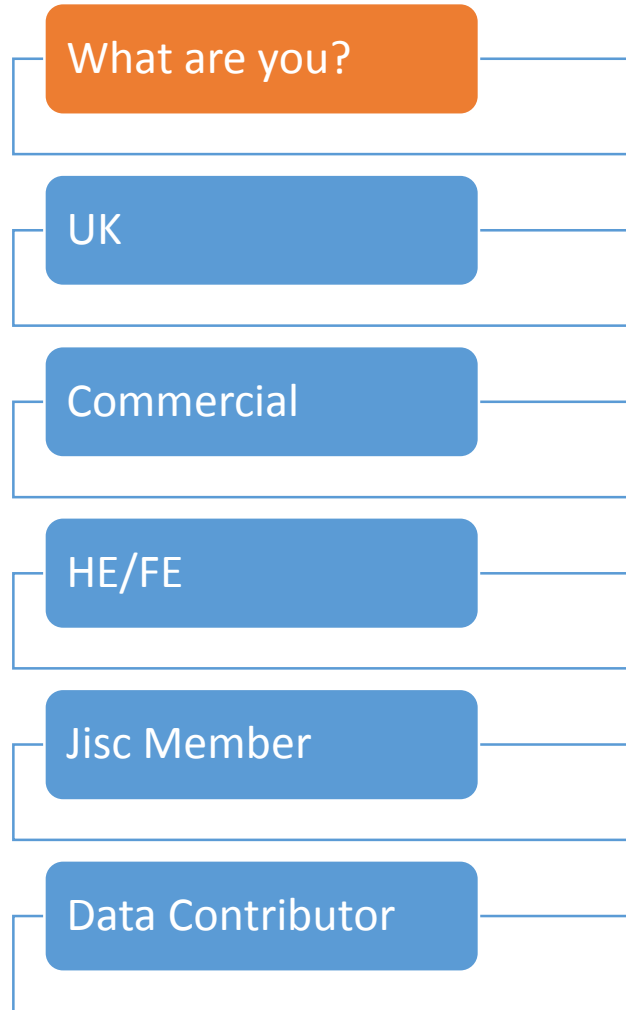
Open Services

Login required

Chargeable Services



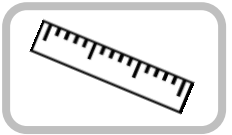
	Function	Purpose
 <p>Open Free Services</p>	<ul style="list-style-type: none"> • Data Ingest • Discovery • Basic cataloguing tool • General user support • NBK blog & info pages • Jisc x-service dashboard 	<ul style="list-style-type: none"> • Upload Library catalogues • Find scholarly materials • Create catalogue records • Navigate between services
 <p>Login Required</p>	<ul style="list-style-type: none"> • Contributor dashboard • Data troubleshooting • Catalogue record download • Catalogue record upload • Collection management tools • NBK usage data • Researcher tools 	<ul style="list-style-type: none"> • Check contributor status • Improve workflow • Enhance catalogue • Dynamically update aggregation • Manage collections • Check and compare value of resources • Exploit bibliographic data
 <p>Chargeable Services</p>	<ul style="list-style-type: none"> • International collection benchmarking tools • Bulk data download • Data clean up & workflow consultancy • Collection development consultancy 	<ul style="list-style-type: none"> • Check collection strength • Improve discovery tools • Transform local catalogue quality • Provide insights for future strategic decision-making



Collections Management (or not)



Collection Assessment



Collection Benchmarking



Collection Comparison

- Increased discoverability of, and opportunity to showcase, special collections.
- Increased discoverability of all library resources through Jisc NBK Discovery, WorldCat, and search engines.
- Reports about data quality allowing libraries to focus their efforts on data improvement where needed
- Potential to have 'enhanced' data pushed back to libraries
- Possibility of aggregated usage data to inform purchasing decisions
- Potential to link with JUSP and KB+ to help manage e-resources
- Allow university presses to contribute their data, widening audience and impact
- Potential for consortial interfaces, without libraries needing to procure & manage a shared catalogue
- Will include OA material, allowing libraries to more easily see if there is an OA version of a work before purchasing



**Understanding collections overlap: an investigation into White Rose Libraries
collections using the SCS GreenGlass and COPAC Collaboration Collection
Management Tool**

Final Report, July 2017

Background	2
Understanding record matching in GreenGlass	3
Understanding record matching in the Copac CCM Tool	5
Summary of Data checking undertaken	5
Test 1	5

Background

In 2016, WRL began work with SCS GreenGlass to analyse their collections and explore collaborative collection management between the 3 libraries. The collection overlap reported by GreenGlass was considerably lower than anticipated.

- 83% of the titles in the 3 libraries' combined collections were identified as uniquely held by only 1 library (1,638,570 of 1,971,001 titles held)
- 75.5% of University of Leeds collections identified as unique within WRL
- 64.6% of University of Sheffield collections identified as unique within WRL
- 58.9% of University of York collections identified as unique within WRL

Methodology

Supported by Jisc funding, WRL did a 'deep dive' into a selection of data to compare results of collection overlap between:

- GreenGlass
- Copac Collection Management Tool (CCM)
- A manual examination of records

Understanding Collections Overlap: Final Report

Overview of outcomes

“It is worth stating early on in this report that our data checking exercises have shown that GreenGlass has actually given us a reasonably accurate picture of the overlap between the WRL collections. It is also worth noting that the overlap between WRL is similar to that of US libraries who have already used the GreenGlass tool.

We did identify that our overlap was slightly underreported, and established that the reasons for that underreporting were largely due to incomplete and inconsistent metadata in the WRL catalogue records.”

Understanding Collections Overlap: Final Report

Overview of outcomes

The Physics results indicated:

- The presence or absence of an ISBN in the record has minimal impact (1-2%) on matching accuracy
- Manual Excel checking closely reflects the GreenGlass results, showing only a 2-4% difference from the GreenGlass totals
- The CCM Tool results differ by 11-12% difference from the GreenGlass totals. (We investigated this, and found that the discrepancy was due to records for items in York's External Store had not been exported to Copac)
- Overall therefore, the GreenGlass matching seems to differ by only small percentages from other methods tested
- However, small percentages translate into large numbers of books.

Understanding Collections Overlap: Final Report

Overview of outcomes

3 main categories of factors affecting the matching of White Rose Libraries Records

1. **Data preparedness and exports:** the profiles for regular exports to external catalogues (Copac, WorldCat, etc.) need to be understood and re-assessed when a new project is undertaken, rather than simply copied across. The amount of uncatalogued material should also be understood and highlighted
2. **Metadata quality:** not only does current cataloguing practice vary between UK libraries, each library will also have records reflecting a variety of different legacy approaches to cataloguing
3. **Matching algorithms:** it is worth taking time to investigate how matching works in different tools, and to encourage the providers of those tools to experiment with different algorithms

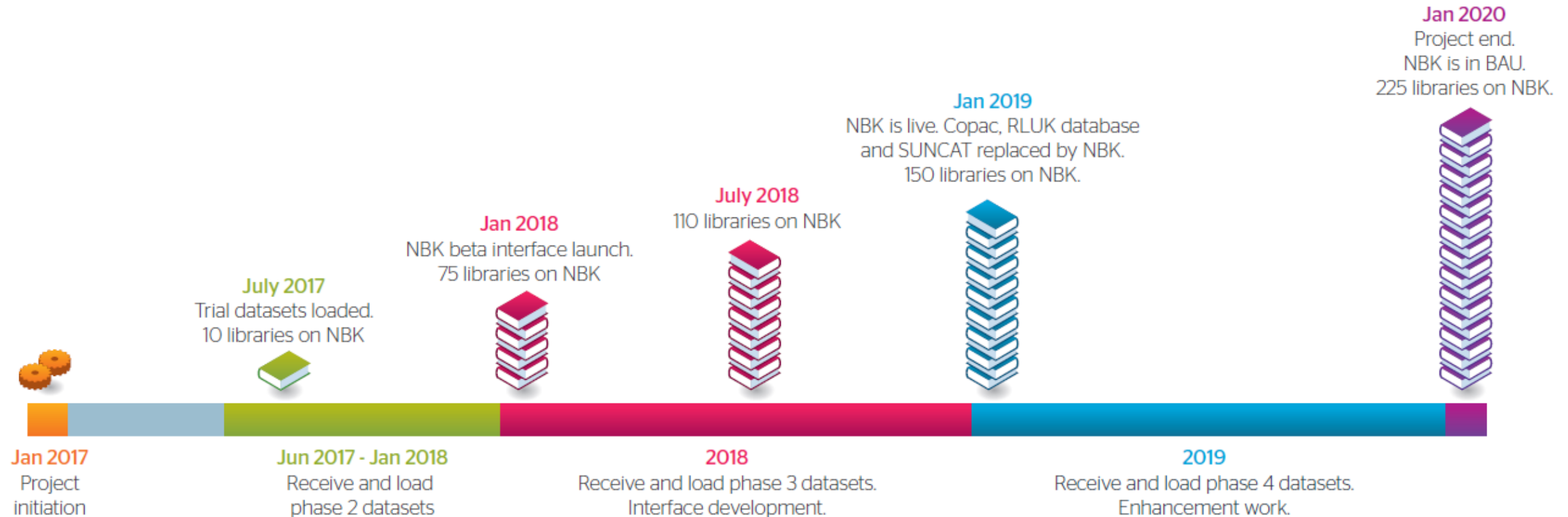
Understanding Collections Overlap: Final Report

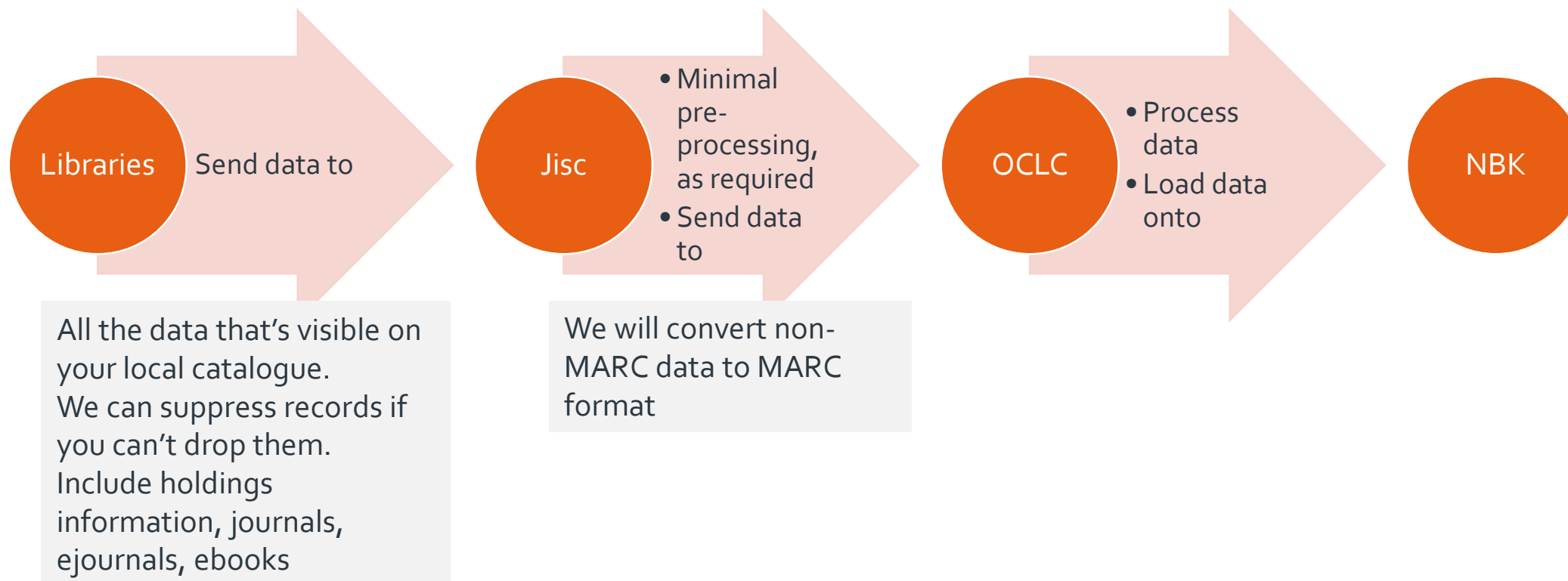
Overview of outcomes

Recommendations

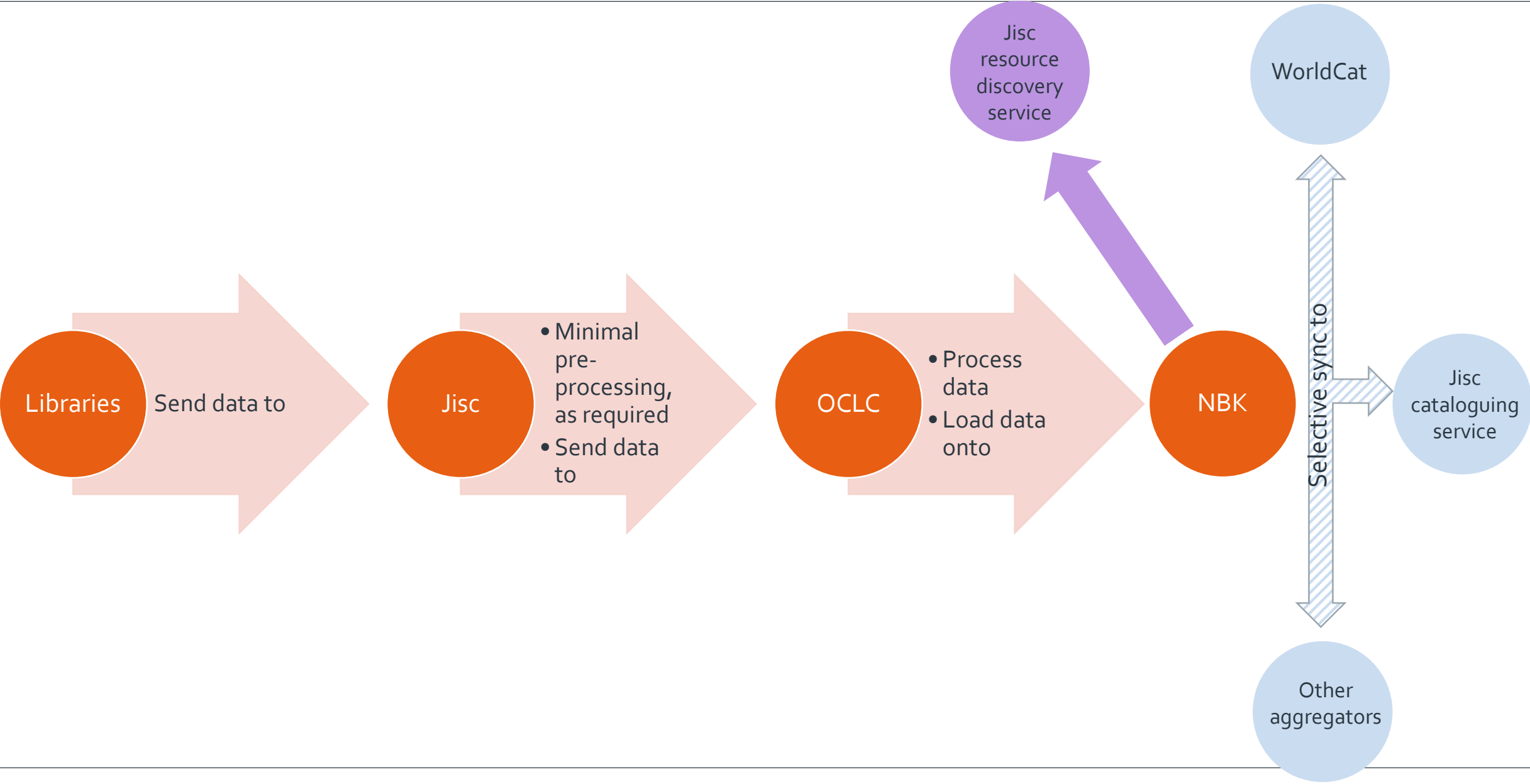
1. Share a version of this report more widely
2. Develop workflow guidance and best practice to help libraries export data to external catalogues
3. External catalogues should indicate the completeness and currency of contributing library holdings
4. Develop guidance to help libraries understand the impact that metadata quality has on matching records
5. Investigate ways to help libraries improve the quality of their metadata in catalogue records
6. Develop advice and guidance for libraries using collection analysis tools
7. Develop advice and guidance for libraries embarking on collaborative collection management initiatives
8. Libraries to contribute to the future development of collection analysis tools

Timeline

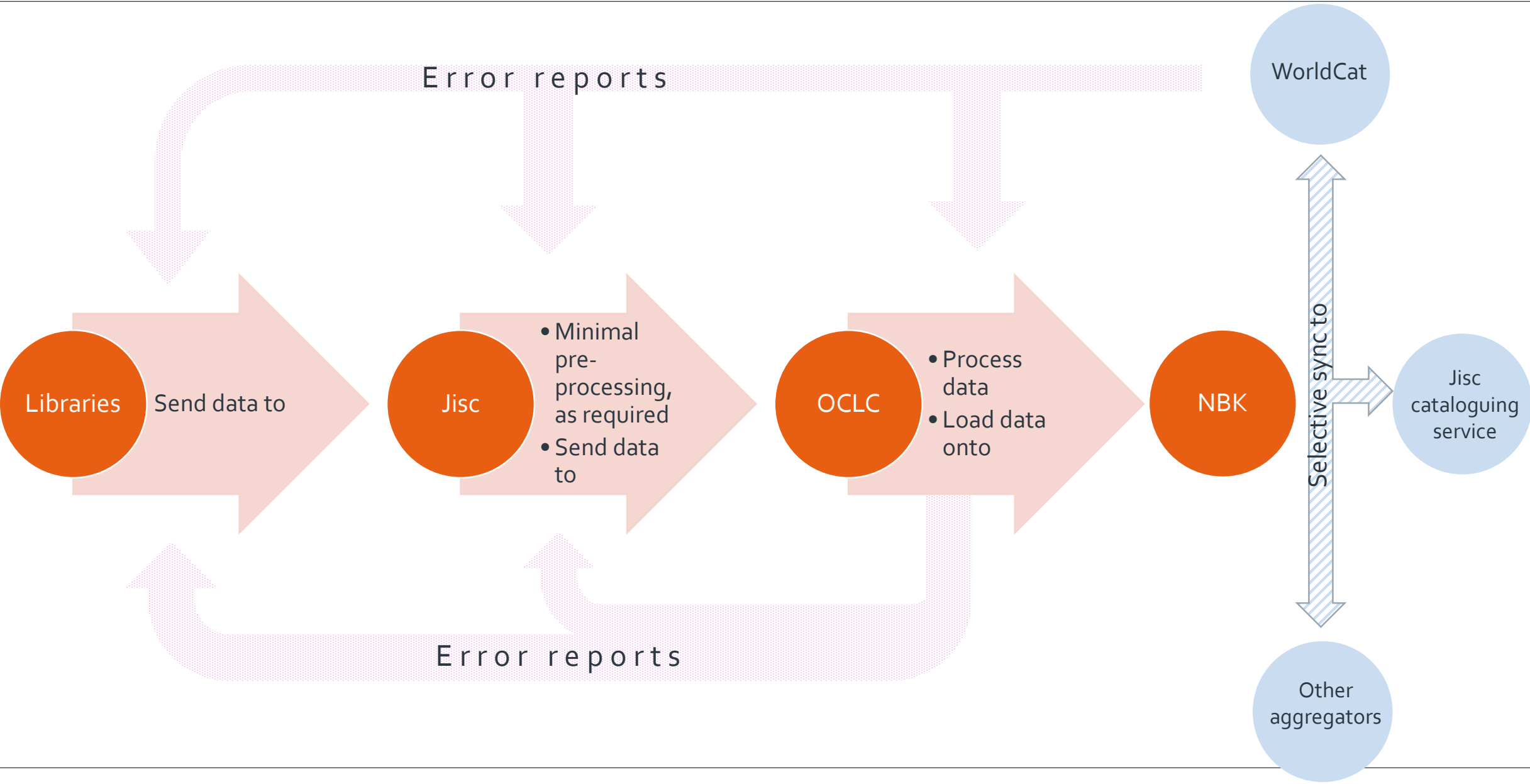


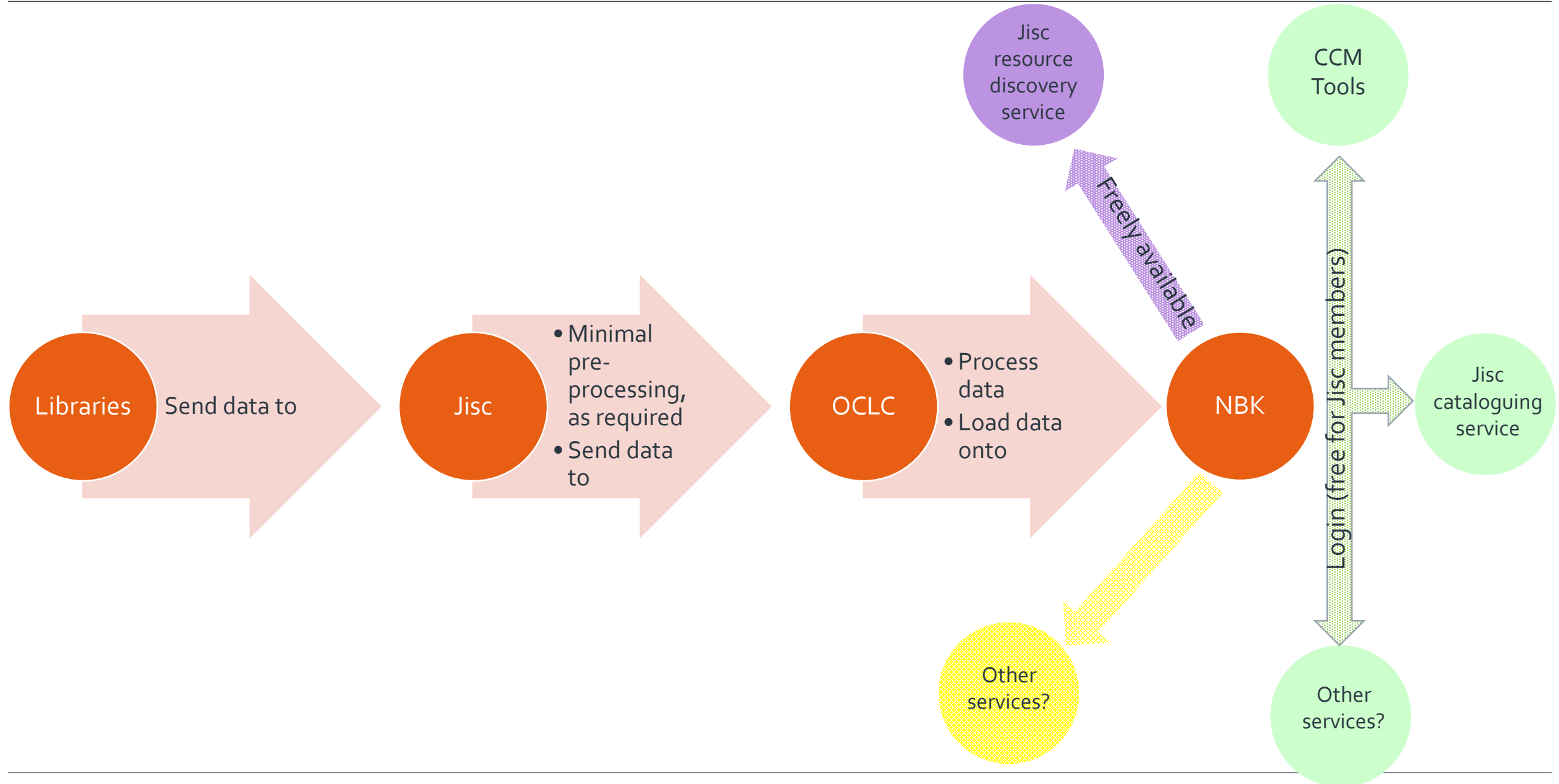


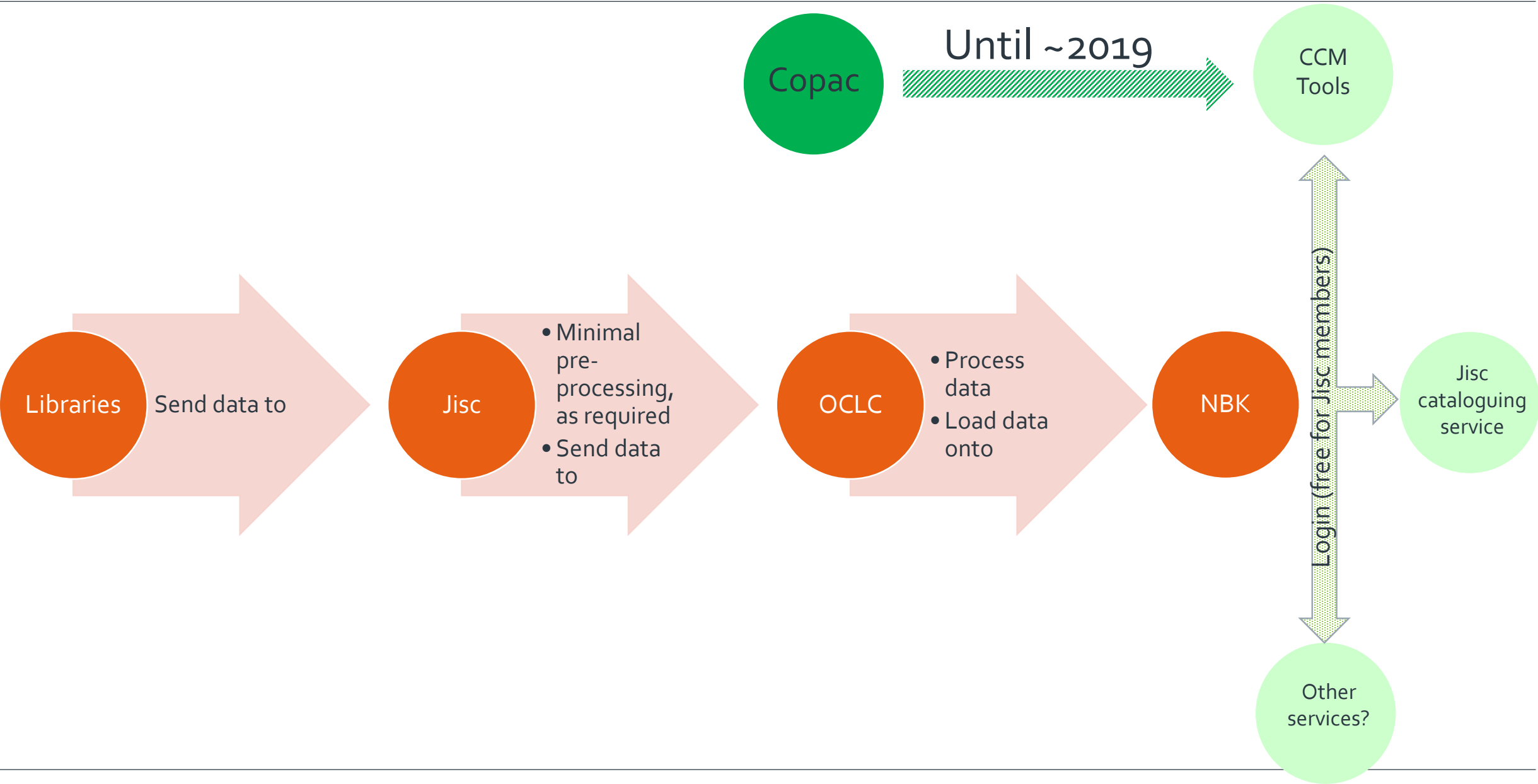
How does data get out of the NBK?



What information do libraries get about data?







- » The NBK will be a larger bibliographic database than the current Copac database
 - › This means more libraries as sources/benchmarks/comparators/collaborators for collection management
- » Most data will be being added over the next 2.5 years
- » CCM Tools will continue to use the Copac database for now
 - › We will start testing CCM Tools with the NBK in late 2017

NBK libraries so far

- » British Library
- » Oxford
- » National Trust
- » York
- » Leicester
- » Manchester
- » TCD
- » Sheffield
- » Senate House
- » Glasgow
- » SOAS
- » Royal Asiatic Society
- » Wellcome Trust
- » National Portrait Gallery
- » LSE
- » QMUL
- » Bishopsgate
- » Northumbria
- » Exeter
- » IMechE

Upcoming NBK libraries

- » Leeds
- » QUB
- » Cardiff Uni
- » Aberystwyth
- » RWCMD
- » Aberdeen
- » Bristol
- » Royal College of Music
- » The National Archives library
- » UWTSD
- » St Andrews
- » London Met
- » Bangor
- » Glyndwr
- » Cardiff Met
- » NLW
- » Swansea
- » Royal Holloway
- » Southampton

- » Library not on those lists?
 - › Contact nbk.copac@jisc.ac.uk and we'll start the process
- » Other involvement
 - › We'll be looking for community feedback and involvement on the NBK & its services, including collection management
 - › Contact nbk.copac@jisc.ac.uk if you'd like to be involved