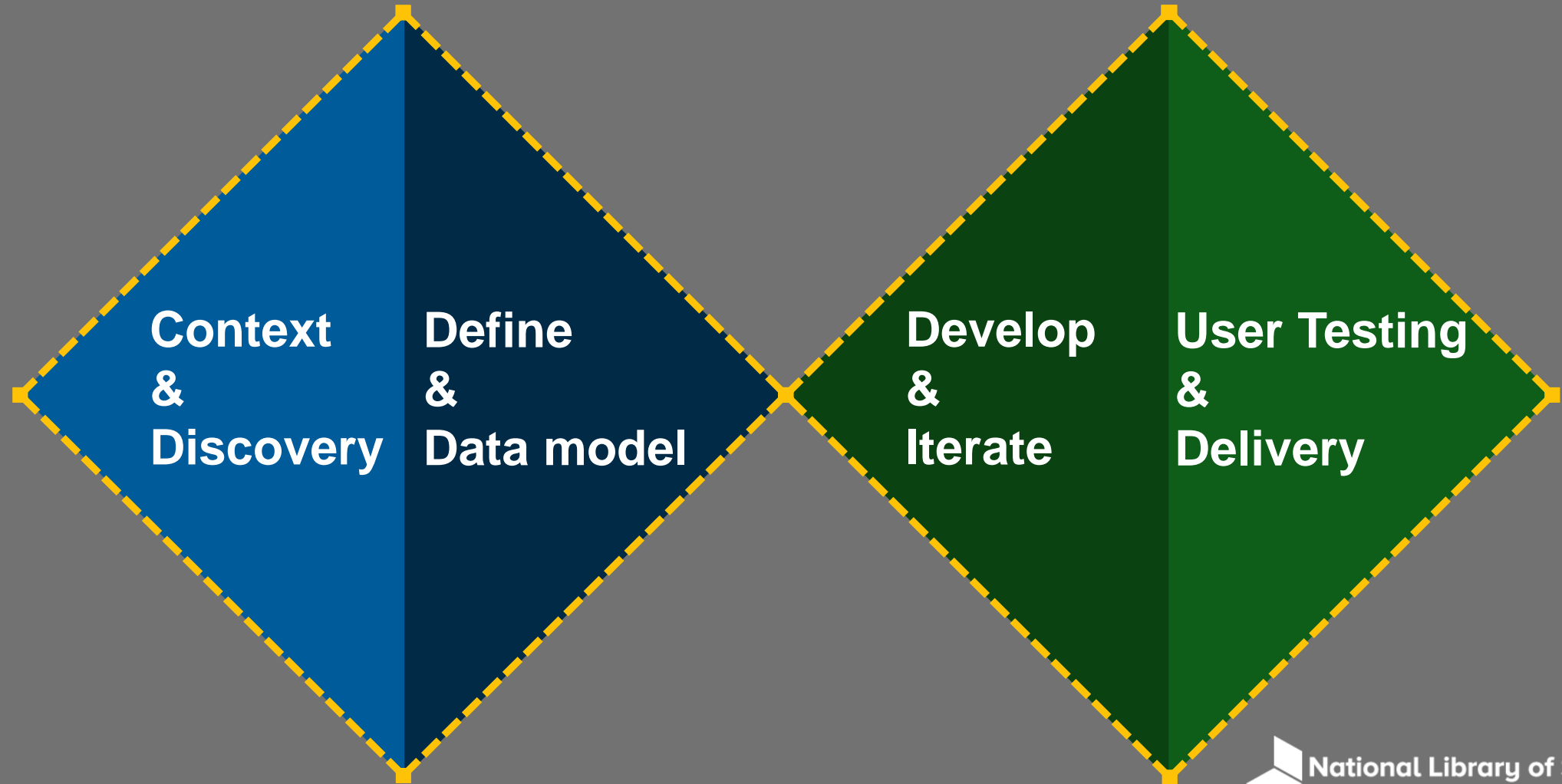


# **SURFACING DIGITAL TREASURES:**

**A user-led journey  
towards 'digibibs'.**

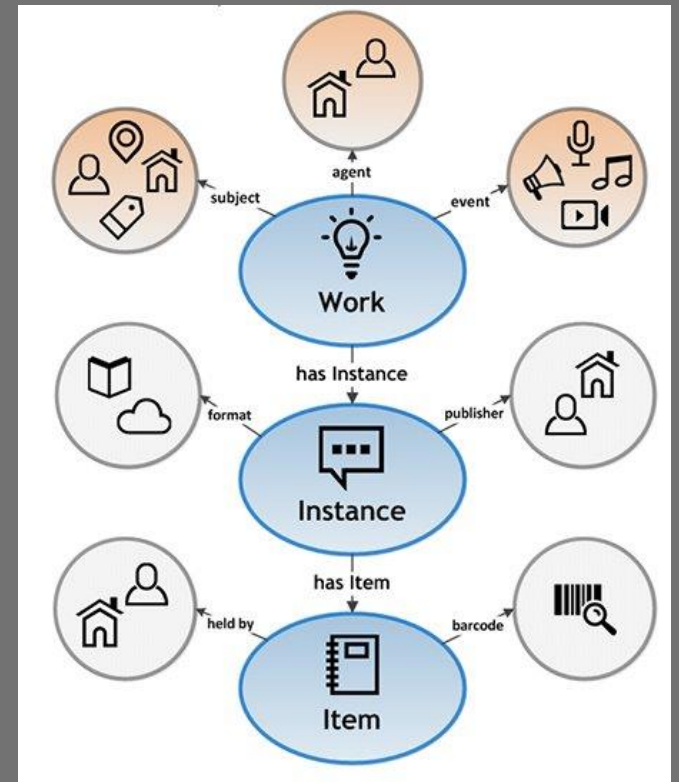
Presented by  
Rob Smith, Mike Saunders, and Malcolm Anderson

# Outline



## Context & Discovery

- Goal outlined by NLS steering group
- Further compliance with LRM and RDA
- Not solely reliant on proprietary exLibris developments



# Context & Discovery

Alma + Primo VE

[What is this? / Jane Wood.](#) Edit Record Holdings

**Book (Book - Physical)** By Wood, Jane. (Oxford : Oxford University Press, 2006.)

**Subject:** Picture puzzles--Juvenile literature. Readers (Elementary)

**Series:** Oxford reading tree. Fireflies Stage 2, More fireflies A

**Modification Date:** 06/08/2024 15:54:08 BST

Physical (1)  Electronic  Digital (1)  Collections (1) [Other details](#)

**1 Representation**

Label	Usage Type	Repository	Files
Digital version	Derivative	View a digitised version of this copy on the Digital Gallery	N/A <a href="#">Viewer</a>


[All Representations](#)

9943342103804341 Library Catalogue

[All](#) [Books](#) [Articles](#) [Journals](#) [Images](#) [Videos](#)

[Log in](#) [Dismiss](#)

0 selected 1-1 of 1 results

**1**  **Book**  
**What is this?**  
Wood, Jane.  
Oxford : Oxford University Press; 2006

[Request this item](#) >  
[View online resource](#) >

## Context & Discovery

```
leader 00782aam a2200241 a 4500
001 9943342103804341
005 20100113101112.0
008 060308s2006 enka j 000 0 eng d ← (NR)
015 ##$aGBA732332 $2bnb
020 ##$a0199199221 (pbk.) : $cNo price
020 ##$a9780199199228 (pbk.) : $cNo price
035 ##$a(WlAbNL)vtls003484136
035 ##$a(Uk)013428204
035 ##$a(StEdNL)4334210-nlsdb-Voyager
040 ##$aWlAbNL $beng $cWlAbNL
042 ##$aukscp
100 1#$aWood, Jane.
245 10$aWhat is this? / $cJane Wood.
260 ##$aOxford : $bOxford University Press, $c2006.
300 ##$a16 p. : $bcol. ill. ; $c17 x 22 cm. ← (R)
440 #0$aOxford reading tree. $pFireflies $nStage 2, $pMore fireflies A
650 #0$aPicture puzzles $vJuvenile literature.
650 #0$aReaders (Elementary)
852 41$aBritish Library $bHMNTS $jYK.2009.a.9287
```

Alma + Primo VE

# Context & Discovery

Primo BO

1  Book " ✉ 📌 ⋮  
**What is this?**  
Wood, Jane.  
Oxford : Oxford University Press, 2006  
📖 Consult in General Reading Room, Edinburgh (stored offsite) (PB8.210.25/26 ) >

---

2  Book " ✉ 📌 ⋮  
**What is this?**  
Wood, Jane.  
Oxford : Oxford University Press, 2006  
[Online access to resource](#) ↗ >

```
100 1#$aWood, Jane.
245 10$aWhat is this? /$cJane Wood.
260 ##$aOxford :$bOxford University Press,$c2006.
300 ##$a16 p. :$bcol. ill. ;$c17 x 22 cm.
440 #0$aOxford reading tree.$pFireflies$nStage 2,$pMore fireflies A
650 #0$aPicture puzzles$vJuvenile literature.$2LCSH$041-LIBRARY_OF_CONGRESS-sh2008109358$9Y
650 #0$aReaders (Elementary)$2LCSH$041-LIBRARY_OF_CONGRESS-sh 85111654$9Y
650 #0$aElementary readers$2LCSH$041-LIBRARY_OF_CONGRESS-sh 85111654$9N
852 41$aBritish Library$bHMNTS$jYK.2009.a.9287
ARS ##$a
AVD ##$a44NLS_INST$b32715461630004341$cREMOTE_REPRESENTATION$dView a digitised version of this copy on the Digital Gallery
INST ##$a44NLS_INST
INT ##$aD
```

# Define & Data model


Physibibs → Digibibs


LDR	00892cam a22002655 4500
001	9911089063804341
005	20230904160745.0
008	981223s1874 enk 000 eng d
035	__  a CAT1-0777557B
035	__  9 2878-24560
035	__  a 1108906
035	__  a (StEdNL)1108906-nlsdb-Voyager
040	__  a StEdNL
100	1_  a Grimm, Jacob,  d 1785-1863.
240	10  a Märchen.  k Selections.  f 1874
245	10  a Grimm's fairy tales /  c a new translation by Mrs. H.H.B. Paull ... With
260	__  a London,  c [1874]
300	__  c 8vo.
500	__  a Joint authors: Jacob Ludwig Carl Grimm and Wilhelm Carl Grimm.
774	0_  i Digital version available at:  w 99116847353504341

LDR	01061nam a22003255 4500
001	99116847353504341
005	20240123093046.0
007	cr  #--a a
008	981223s1874 enk o 000 eng d
035	__  a CAT1-0777557B
035	__  9 2878-24560
035	__  a 1108906
035	__  a (StEdNL)1108906-nlsdb-Voyager
040	__  a StEdNL  e RDA
100	1_  a Grimm, Jacob,  d 1785-1863.
240	10  a Märchen.  k Selections.  f 1874
245	10  a Grimm's fairy tales /  c a new translation by Mrs. H.H.B. Paull ... With
260	__  a London,  c [1874]
300	__  c 1 online resource.
336	__  a text  2 rdacontent
337	__  a computer  2 rdamedia
338	__  a online resource  2 rdacarrier
500	__  a Joint authors: Jacob Ludwig Carl Grimm and Wilhelm Carl Grimm.
700	1_  a Grimm, Wilhelm,  d 1786-1859
773	0_  i Digital version from:  w 9911089063804341
919	__  a BDR



# Define & Data model

6  Book  
**What is this?**  
Wood, Jane.  
Oxford : Oxford University Press; 2006  
[Request this item](#) >

7  Digitised copy  
**What is this?**  
Wood, Jane.  
Oxford : Oxford University Press; 2006  
[View online resource](#) >

```
100 1#$aWood, Jane.  
245 10$aWhat is this? / $cJane Wood.  
260 ##$aOxford : $bOxford University Press, $c2006.  
300 ##$a1 online resource.  
336 ##$atext $2rdacontent  
337 ##$acomputer $2rdamedia  
338 ##$aonline resource $2rdacarrier
```

Physibibs → Digibibs



Define  
&  
Data model



[https://www.creativejeffrey.com/creative/good\\_enough\\_is\\_good\\_enough.php](https://www.creativejeffrey.com/creative/good_enough_is_good_enough.php)

Good enough

# 3 packages of work

01

Googlebooks

02

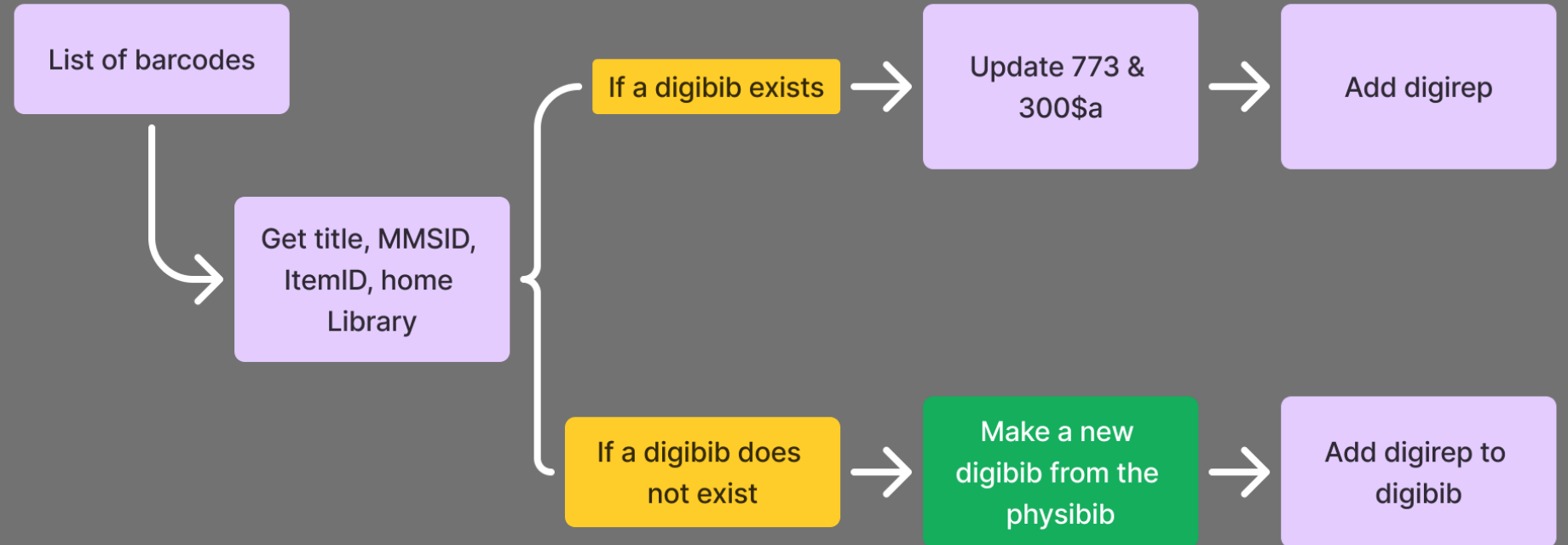
Erroneous  
Portfolios

03

Everything else:  
DAMS  
Digital Gallery

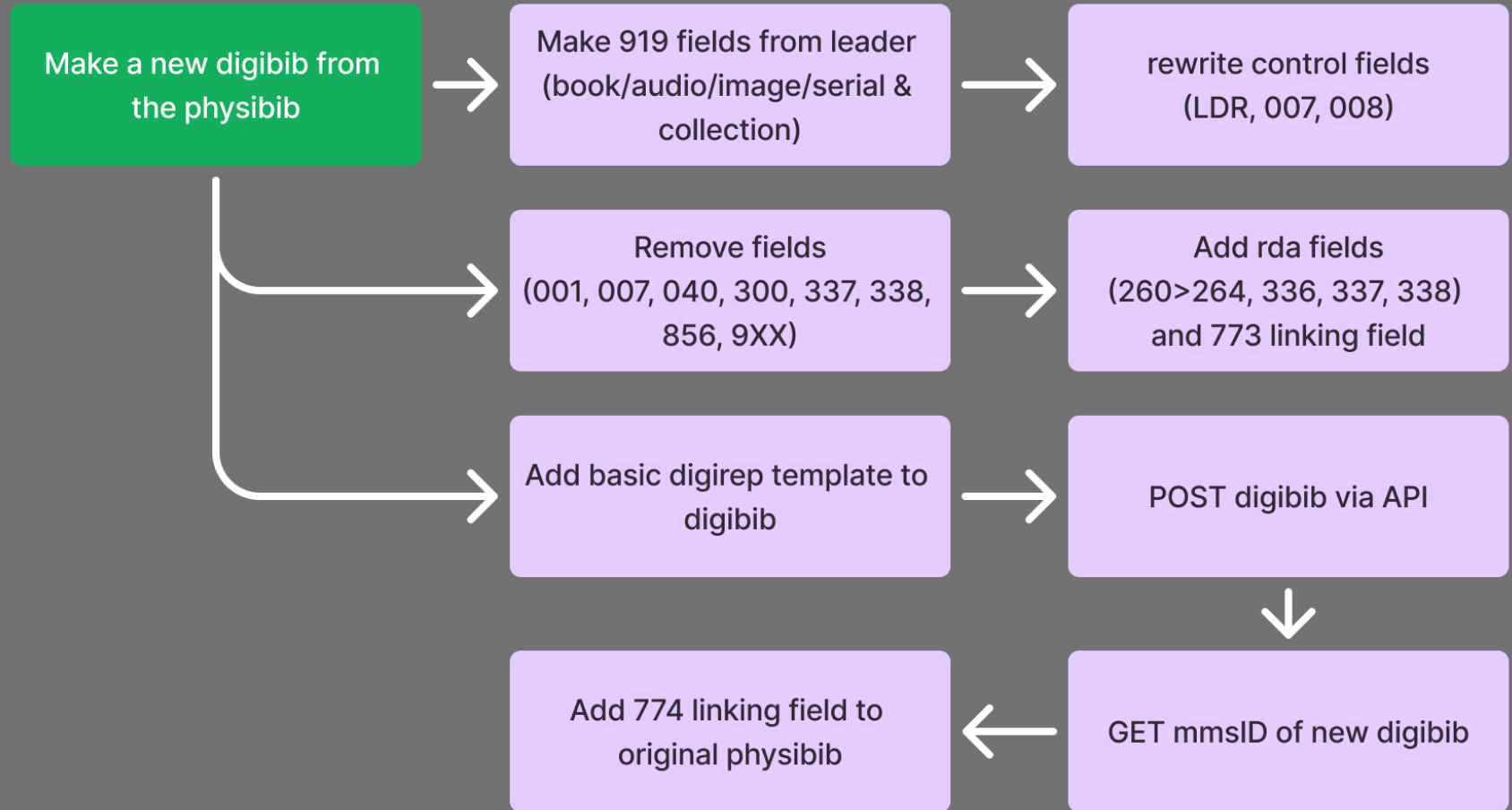
# Python script summary

**Develop  
&  
Iterate**



# Python script summary

**Develop  
&  
Iterate**



# Digirep template

**Develop  
&  
Iterate**

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<representation is_remote="true">
  <library>{library}</library>
  <label>{vol} </label>
  <usage_type>DERIVATIVE_COPY</usage_type>
  <active>true</active>
  <repository>GoogleBooks</repository>
  <originating_record_id>{itemID}</originating_record_id>
  <linking_parameter_1>{url}</linking_parameter_1>
</representation>
```

**Develop  
&  
Iterate**

**The children's hour series.**

Children.

Edinburgh, 1866-1871

[🔗 Online access to resource](#)  >

View online

1871 ; vol. 1 | [View a digitised version of this copy on Google Books](#)

1871 ; vol. 2 | [View a digitised version of this copy on Google Books](#)

# Develop & Iterate

The screenshot shows a web browser window displaying the National Library of Scotland's search results for the query "the vampyre". The page features a dark blue header with navigation links: "New Search", "Browse", "Journal Search", "Collection Discovery", "Suggest a Book", and "National Bibliography of Scotland". A search bar contains the text "the vampyre" and a "Library Catalogue" button. Below the search bar are filters for "All", "Books", "Articles", "Journals", "Images", and "Videos". The main content area shows two search results, both marked as "Digitised copy". The first result is for "The vampyre : a tale." by Poindron, John William, 1795-1821; Byron, George Gordon Byron, Baron, 1788-1824, published in London in 1819. The second result is for "The prince's dream / Prince.; Author of Ye vampyres!" published in London in 1876. Both results include "Request this item" and "View online resource" buttons. On the right side, there are "Active filters" (Digitised copies), "Remember all filters", "Reset filters", and "Filter search results" options. A "Sort by" dropdown is set to "relevance". A "Chat with a Librarian" button is visible in the bottom right corner of the search results area.



# Adding fields with pymarc

Develop  
&  
Iterate

```
# create 773
record.add_ordered_field(
    Field(
        tag="773",
        indicators=["0", " "],
        subfields=[
            Subfield(code="i", value="Digital version from:"),
            Subfield(code="t", value=record.title.replace(" /", "")),
            Subfield(code="w", value=bib),
            Subfield(code="g", value=f"no:{bCode}"),
            Subfield(code="o", value=f"Item ID: {itemID}"),
        ],
    ),
)
```

# 773 in Alma & Primo

Develop  
&  
Iterate

500	<a href="#">⌘</a> Digitised at the request of the National Library of Scotland
 700 1	<a href="#">⌘</a> Byron, George Gordon Byron. <a href="#">⌘c</a> Baron. <a href="#">⌘d</a> 1788-1824. <a href="#">⌘1</a> <a href="https://isni.org/isni/0000000121031939">https://isni.org/isni/0000000121031939</a>
773 0	<a href="#">⌘i</a> Digital version from: <a href="#">⌘t</a> The vampyre : a tale. <a href="#">⌘w</a> 9932059213804341 <a href="#">⌘g</a> no:B900059465 <a href="#">⌘o</a> Item ID: 23479370790004341
919	<a href="#">⌘a</a> BDR
919	<a href="#">⌘a</a> GgB

Details	
Title	<u>The vampyre : a tale.</u>
MMS ID	99117044850404341
Name(s)	<a href="#">Polidori, John William, 1795-1821.</a> > <a href="#">Byron, George Gordon Byron, Baron, 1788-1824.</a> >
Is part of	<a href="#">Digital version from: The vampyre : a tale.</a> >



## User Testing & Delivery

### Goals:

- Test with users during development to guide iterations
- Compare access experience between digibibs and physibibs describing digital material
- Test parts of Primo VE/BO functionality on the way like FRBR (Functional Requirements for Bibliographic Records) groups



## User Testing & Delivery



### Intercept usability testing:

- Cheap and fast method of testing the functionality of a feature, app or website
- Determine a task for the user, framed as a scenario: 'Imagine you are researching ...'
- Ask user to 'think aloud', observe how they use the service to complete the scenario
- One facilitator, one note taker.

# User Testing & Delivery

## Round 1- small test group (3 users)

- Present user with brief results and ask them to access the content of the title

0 selected 1-2 of 2 results

1 Book **Skiadiophorēma, sive de umbellae gestatione commentarius.**  
Paciaudi, Paolo Maria.  
Romae, 1752  
[Online access to resource](#)

2 Book **Skiadiophorēma, sive de umbellae gestatione commentarius.**  
Paciaudi, Paolo Maria.  
Romae, 1752  
[Consult in](#) Special Collections Reading Room, Edinburgh (stored offsite) (E.58.a.1(2))

Filter search results

Sort by relevance

Availability

Available in the Library (1)

Full text online (1)

Resource type

Books (2)

Date

From To

1700 1800 [Filter](#)

Author / Creator

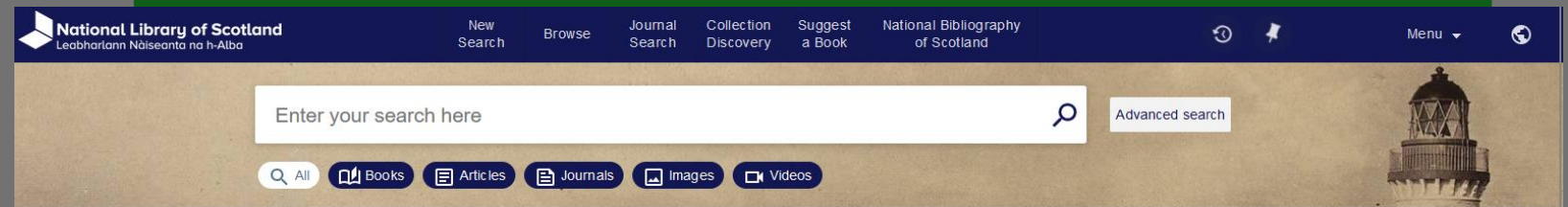
Paciaudi, Paolo Maria (2)

Results per page: 10 25 50

# User Testing & Delivery

## Round 2 (6 users)

- Start users at the search page and ask them to find and access a digitised title.



## User Testing & Delivery

### Findings from round 1 & 2

- Users expect a clear indication that a resource is available online, and made frequent use of the 'online access to resource' button in brief results

1



Book

**Skiadiophorēma, sive de umbellae gestatione commentarius.**

Paciaudi, Paolo Maria.


Romae, 1752



Online access to resource







## User Testing & Delivery

### Findings from round 1 & 2

- Users expected to see a resource type relevant to digitised resources
- Users slow to explore frbr groupings and had greater success in locating and accessing de-FRBRised records

**User  
Testing &  
Delivery**

## Rounds 3 & 4: comparison

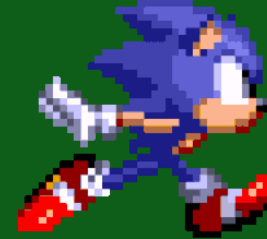
- We conducted a further two rounds testing the experience of discovering and accessing digitised resources using a physibib or a digibib




## User Testing & Delivery

### Rounds 3 & 4: results

- In both sets, a majority of users could successfully find a digitised copy
- However- users that did find a copy were considerably faster when Digibibs were being used.



- Further evidence of confusion from FRBR groupings
- Users uncertain over 'results per page'



**User  
Testing &  
Delivery**

**Conclusions:**

- Digibibs do effectively improve the discovery experience when paired with other features
- Digibibs existing as a different type of bibliographic record allows us to easily employ these features

# Thank you!

**malcolm.anderson@nls.uk**



**mike.saunders@nls.uk**



**robert.smith@nls.uk**

