How, Why & What went on in the first year of the DX Lab: data visualisations put through the microscope.
Australia’s first and only cultural-heritage innovation lab that supports new ways of design thinking, experimentation and deep research in the digital humanities.
WHY does a library need a lab?
Here to change the way our **users** think about what a library can do in the 21st century
Push boundaries: design thinking
MADE WITH, PLAYED WITH, REMADE.

Place for experimentation, research and collaboration
We want users to be inspired to research, use, adapt and create with these collections.
6 million digitised items
4 million people search the collection online per year.
Item by item

one-to-one

relationship

return
## About the Catalogue

This catalogue contains records of the manuscripts, oral history and pictures collections of the Mitchell Library, Sir William Dixson Library and Dixson Galleries.

This new version of the catalogue contains additional content which has been transferred from paper based collection guides and contents lists that have previously only been available in the Mitchell Library Reading Room.

The inclusion of this additional rich content and the development of this new catalogue has been possible through the support of the NSW Government through the eRecords project. Published material including maps can be found in the State Library's Catalogue for published material.

Members of Aboriginal, Torres Strait Islander and Māori communities are advised that records may contain names and images of deceased people.

All users of the catalogue should also be aware that certain words, terms or descriptions may be culturally sensitive and may be considered inappropriate today, but may have reflected the author's/creator's attitude or that of the period in which they were written.
How is the **DX Lab** doing this?
Collaborate | Experiment | Create | Engage | Be Open | Surprise
Audience first: do it because it matters not because it’s shiny

Design creatively: with data and partners

Don’t over bake: audiences need to connect through simple + meaningful experiences

Innovate: be sure to push the boundaries

Iterate: if something is already built, just improve on it.

Constant prototyping: leave room for others to finish and build upon our experiences
MADE WITH, PLAYED WITH, REMADE.
What is it?
DATA

TOTAL IMAGES IN LOOM
3,287

TOTAL TAGS IN LOOM
1,396

TOTAL DIGITISED IMAGES OF THE SYDNEY AREA IN THE LIBRARY
14,664

TOTAL IMAGES AVAILABLE OF THE SYDNEY AREA IN THE LIBRARY ONLY
1,145

SYDNEY - NEW SOUTH WALES
Search For: circular quay
Select:
- Keywords
- Phrase
- All
- Records with images
- Records without images
Sort:
- Relevancy

Search
Term: Sydney - Wharves - Circular Quay
Call #: A 2497
Collection: Gother Kerr Mann papers, 1825-1885
Page: 266
Date: 1853

Term: Sydney - Wharves - Circular Quay
Call #: A 887/Vol. 17
Collection: Sir Henry Parkes - Papers, 1833-1896
Page: 239
Date: 23 November 1859

Title: Fence Post Quay. Wrought Iron. Circular Quay
Call #: SLIDES 109/Box 02
Collection: James Whitelock: Slides of historical buildings, 1961-1998 (Box 2)
Item Number: 080.01
“Locally contextualised information, showing me how to use it, whilst inspiring possibility”
View of entire collection from space. User can pan, zoom and rotate around the space.

Larger particle = more records total
Empty particle = no records in Loom
What we learnt.

Broad perspective of collection
Lenses help us view and access items differently.
Sketch in code. Design and Development. Shift in relationship
Importance of consistency and structure within metadata
Scale is vital in decision making for an archive.
Digitization now needs to shift to contextualization.
Catering to curious users can open up collection.
Japanese textiles influenced contemporary annual report

searchscope

next of kin

legal deposit

encyclopedia britannica online
Meet the Data Owners
Re-invent the Library Card

*Budget - no limit
*Hardware available - Superfast wifi, beacons, nfc etc
*Content updates: every 6 weeks
*Audience: broad- primary to elderly

Stack Slip Data Visualisation

*Budget - 200K
*Hardware - nfts tracked stack slip over 5 floors-live feed
*Data focuses on individual request and shows the movement for the day
*Audience: Library users onsite and online
Listening (Audio)

Visual record
1. Opal card (All ages)
2. Beacon
3. History of the area you work in
4. Tap and see area you like...
5. Did you know this area...

INFO
L> How do I get there
L> Personal

Tap on to see area
Opal card
wearable tracks visit your

respecting your interests

slow museum/library

surprised serendipity

--- I need a place to store my sketches
Your book is heading your way:

1. Submitted!
2. 15 mins in route!
3. 20 mins in the stacks

Fun message:
"Your team just "pucked" Captain Cook's galore!"
COURT POLICE: THERE YESTERDAY SATURDAY BEING COHEN HAVE FINED LAST LOCAL HORSE ROLAND

PRIVATE FIRE: THROUGH FOUR YESTERDAY BEEN TOWN HOTEL DROVE SEVERAL MORNING TUESDAY LITHGOW

STREET MAIN

1907
didn’t expect...
A request has been placed for the Item below. Please retrieve this item and deliver it to the State Library.
# STACK REQUEST SLIP

Complete this form and take it to the desk

<table>
<thead>
<tr>
<th>Call / Location number (please print clearly)</th>
<th>Year, volume etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td></td>
</tr>
</tbody>
</table>

| Title of item                                |                   |
|                                              |                   |

| Library card number                          | Signature         |

Use this slip for items without an online request

**ITEM COPY**

**ONLY**

Location, Governor Marie Bashir Reading Room, Lower Ground 2

Location, Special Collections, Mitchell Library Reading Room
JOURNEYS

2016-04-28 11:27:59: started journey a843 (length: 60s)

2016-03-04 12:59:32: started journey a843 (length: 22s)

2016-03-04 12:54:12: started journey 2159 (length: 33s)

2016-03-04 12:44:57: started journey bd15 (length: 62s)

2016-03-03 14:47:58: started journey 58eb (length: 62s)
{
    "fda3a3aef61a564f8a0dfe724a2ea843": {
        "20160428112759": "started",
        "20160428112813": "at location 3",
        "20160428112820": "at location 5",
        "20160428112822": "at location 7",
        "20160428112826": "found 658765",
        "20160428112831": "at location 9",
        "20160428112835": "at location 11",
        "20160428112837": "found 76876",
        "20160428112842": "at location 13",
        "20160428112845": "at location 15",
        "20160428112846": "delivered 658765",
        "20160428112848": "delivered 76876",
        "20160428112853": "at location 17",
        "20160428112856": "at location 18",
        "20160428112859": "completed"
    }
}

**LOCATIONS**

(add new location)

<table>
<thead>
<tr>
<th>id</th>
<th>name</th>
<th>level</th>
<th>x</th>
<th>y</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>another column</td>
<td>S3</td>
<td>2</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>column</td>
<td>S5</td>
<td>4</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>elevator</td>
<td>kjb</td>
<td>5</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>stairs</td>
<td>Click to edit</td>
<td>0</td>
<td>Click to edit</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>crossroad in centre of floor</td>
<td>3</td>
<td>11</td>
<td>13</td>
<td></td>
</tr>
</tbody>
</table>
DX Lab fellowship
The Anthropological Society of Australasia Survey

This is Box 4 of MLMSS 7603 / Boxes 4-5: Survey forms and correspondence received by the Royal Anthropological Society of Australasia regarding Aboriginal place names, 1899-1903. Floating pages have transcribed placenames.

Folder 1

Page 1

Page 1 is a survey form. The page is dated Nov 1899 {?}.

We have located the following placenames:
1. Boondi (Borlffy): Noise made by sea wave breaking on beach
2. Koojah (Coogee): Bad smell, caused by the decay of large quantities of seaweed washed ashore
3. Merooberah (Maroubra): The beach was named after the tribe that inhabited the particular place
4. Bunnabee (North Botany Head)
5. Govea (South Botany Head)
6. Kundul (Captain Cook's Landing Point)
7. Goonamara (Cronulla)
8. Bulla (Buff): Two mountains
9. Bellambi
10. Dapto (Dapto)
11. Elowera (Illawarra): Pleasant place
12. Woolyungah (Wollongong): Five islands
13. Kiare mia (Kiama): Fish may be caught from the rock
14. Minna-murra (Minnamurra): Plenty of Fish
15. Gerringong
16. Cooolaungattah (Coolangatta): The highest land (a lookout)
17. Moona (Jervis Bay): Plenty
18. Boodere (Boderse)
<table>
<thead>
<tr>
<th>Location 1</th>
<th>Location 2</th>
<th>Location 3</th>
<th>Location 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dharawal, Dharug?, Eora?,</td>
<td>Koojah</td>
<td>Coogee</td>
<td>Beach; Suburb</td>
</tr>
<tr>
<td>Guringay?, Worimi?</td>
<td></td>
<td></td>
<td>-33.92083</td>
</tr>
<tr>
<td>Dharawal, Dharug?, Eora?,</td>
<td>Merooberah</td>
<td>Maroubra</td>
<td>Beach; Suburb</td>
</tr>
<tr>
<td>Guringay?, Worimi?</td>
<td></td>
<td></td>
<td>-33.9496</td>
</tr>
<tr>
<td>Dharawal, Dharug?, Eora?,</td>
<td>Bunnabee</td>
<td>North Botany Head</td>
<td>Headland</td>
</tr>
<tr>
<td>Guringay?, Worimi?</td>
<td></td>
<td>(Near La Perouse)</td>
<td></td>
</tr>
<tr>
<td>Dharawal, Dharug?, Eora?,</td>
<td>Givea</td>
<td>South Botany Head</td>
<td>Headland</td>
</tr>
<tr>
<td>Guringay?, Worimi?</td>
<td></td>
<td>(Near Kurnell)</td>
<td></td>
</tr>
<tr>
<td>Dharawal, Dharug?, Eora?,</td>
<td>Kundul</td>
<td>Captain Cook's</td>
<td>Historical Site</td>
</tr>
<tr>
<td>Guringay?, Worimi?</td>
<td></td>
<td>Landing Point (in</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>current day Kurnell)</td>
<td></td>
</tr>
<tr>
<td>Dharawal, Dharug?, Eora?,</td>
<td>Goonamarra</td>
<td>Cronulla</td>
<td>Beach; Suburb</td>
</tr>
<tr>
<td>Guringay?, Worimi?</td>
<td></td>
<td></td>
<td>-34.05534</td>
</tr>
<tr>
<td>Dharawal, Dharug?, Eora?,</td>
<td>Bulla</td>
<td>Bulli</td>
<td>Suburb</td>
</tr>
<tr>
<td>Guringay?, Worimi?</td>
<td></td>
<td></td>
<td>-34.3329</td>
</tr>
<tr>
<td>Dharawal, Dharug?, Eora?,</td>
<td>Elowera</td>
<td>Illawarra</td>
<td>Region</td>
</tr>
<tr>
<td>Guringay?, Worimi?</td>
<td></td>
<td></td>
<td>-34.5227</td>
</tr>
<tr>
<td>Dharawal, Dharug?, Eora?,</td>
<td>Woolyungah</td>
<td>Wollongong</td>
<td>City</td>
</tr>
<tr>
<td>Guringay?, Worimi?</td>
<td></td>
<td></td>
<td>-34.425</td>
</tr>
<tr>
<td>Dharawal, Dharug?, Eora?,</td>
<td>Kiare mia</td>
<td>Kiama</td>
<td>Town</td>
</tr>
<tr>
<td>Guringay?, Worimi?</td>
<td></td>
<td></td>
<td>-34.6719</td>
</tr>
<tr>
<td>Dharawal, Dharug?, Eora?,</td>
<td>Moona</td>
<td>Name for inside of</td>
<td>Bay</td>
</tr>
<tr>
<td>Guringay?, Worimi?</td>
<td></td>
<td>Jervis bay</td>
<td></td>
</tr>
</tbody>
</table>
The Anthropological Society of Australasia Survey

This is Box 4 of MLMSS 7603 / Boxes 4-5: Survey forms and correspondence received by the Royal Anthropological Society of Australasia regarding Aboriginal place names, 1899-1903. Floating pages have transcribed placenames.

Folder 1

Folder 2

Folder 3
Colour slider tool
Quick and dirty
<table>
<thead>
<tr>
<th>#</th>
<th>Photo</th>
<th>Date Taken</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Cat</td>
<td>1920-1912</td>
<td>Désirée Cat</td>
</tr>
</tbody>
</table>

**Legend**

- **Cat**: Désirée Cat
- **Date Taken**: 1920-1912
- **Description**: Cat is standing outdoors, looking at the camera.

**Notes**

- This is a collection of images of Désirée Cat, a well-known Canadian cat, taken between 1920 and 1912.
- The images include Désirée Cat in various poses and settings, including standing outdoors and looking at the camera.

**Contact Information**

- Erika Taylor
- 50 Cats
- 456 Main Street
- Montreal, QC H2T 1R3
- Phone: 50 Cats
- Email: info@50cats.com

**Website**


**Social Media**

- Facebook: 50 Cats
- Twitter: @50CatsCat
- Instagram: 50Cats_Cat

**Copyright**

- All images are protected by copyright law. Reproduction without permission is prohibited.
Total: 2717. Successful: 1891. Not: 826. 100% completed.

Zero items in replacements where began=0. Looks like we are finished...!

<table>
<thead>
<tr>
<th>Total</th>
<th>Successful</th>
<th>Not</th>
<th>Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>2717</td>
<td>1891</td>
<td>826</td>
<td>100%</td>
</tr>
</tbody>
</table>

2746: 2866678577 | a479058h | 20160811152121 | 20160811152128 | SUCCESS! replaced 2866678577
2747: 2867502370 | a479076h | 20160811152141 | 20160811152147 | SUCCESS! replaced 2867502370
2748: 2867494012 | a479075h | 20160811152201 | 20160811152206 | SUCCESS! replaced 2867494012
2749: 2867475538 | a1249004h | 20160811152221 | 20160811152226 | SUCCESS! replaced 2867475538
2750: 2866625141 | a128128h | 20160811152241 | 20160811152247 | SUCCESS! replaced 2866625141
2751: 2866613569 | a191010h | 20160811152301 | 20160811152306 | SUCCESS! replaced 2866613569
2752: 2867425266 | a1985007h | 20160811152321 | 20160811152339 | SUCCESS! replaced 2867425266
2753: 2866527135 | hood_07296h | 20160811152341 | 20160811152346 | SUCCESS! replaced 2866527135
2754: 2866522209 | c00871005h | 20160811152401 | 20160811152424 | SUCCESS! replaced 2866522209
2755: 2867346990 | bcp_01802h | 20160811152441 | 20160811152449 | SUCCESS! replaced 2867346990
2756: 2867335696 | c008710009h | 20160811152501 | 20160811152527 | SUCCESS! replaced 2867335696
2757: 2866498615 | hood_06307h | 20160811152541 | 20160811152546 | SUCCESS! replaced 2866498615
2758: 2866483591 | c008710019h | 20160811152601 | 20160811152628 | SUCCESS! replaced 2866483591
2759: 2866462013 | c008710023h | 20160811152641 | 20160811152705 | SUCCESS! replaced 2866462013
(7) 43697 5205025493 ✓ images match

(3) 14379 5205620000 ✓ images match

(19) 153765 5205013341 □ images match

(20) 153765 5205610798 □ images match
Digit Archive Image Range Yielder - D.A.I.R.Y.

Enter a range of digital IDs to extract from the co-masters (eg a3145001 to a3145020):
(To extract one image, enter its digital ID in both fields)

Start:
- a3145001

Stop:
- a3145003

Locations to search in:
- master
- comaster
- highres
- preview
- screenres
- thumbnail

[Click to SEARCH]
Experimenting is important
Prototyping is critical for design thinking
Data is messy and will not always do what you think it will do
Be prepared to pivot
Tell your audience it’s an experiment
Sketch lots (and in code)
Build upon code- iterate
2 week sprints- often go beyond this
Share your findings
THANK YOU
dxlab.sl.nsw.gov.au