



Jisc

Mixed *licences* & *access types* in repository-based research outputs

A UX Challenge

Tom Davey, UX specialist @ Jisc



@dorebank

- Context
 - About our service
 - UX
- The challenge
 - What was it
 - What we learned
 - What we're planning to do about it

Jisc Open Research Hub

"A single interoperable system for **managing**, **preserving** and **sharing** institutional digital research data."

- Repository
- Reporting
- Preservation
- Integrations

Signed in as Tom Davey - [Sign out](#)

Account About Help

Jisc aviation Search

Open Research Hub

Discover Deposits Approval

Search results for 'aviation'

Sort by most recent 1 result

Open Dataset CC-BY-NC-4.0 Published: 19/09/2019

Rooms welcome updates ada demands aviation senators ports violations

Version: 1
Crawford Rolfson, Geoffrey Schmeler

Imaging among lead reduction an incentives combinations redundant hitting emission FBI English gotten senator certainly canceled sort resides C.

Pact.json mounted.csv ...and 1 more attachment

Aviation Redundancies Ports Physics

Useful Links
About Privacy notice Research data management Open Research Hub

Contact
support@longnameuniversity.ac.uk
0113 999 888

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Cookies
Accessibility



Open Research Hub

- Discover
- Deposits**
- Approval

Deposit Dataset



Describe your dataset

A well described deposit increases its chances of being discovered by others

What is the **title** of this dataset? *

Does this dataset relate to an article? Consider using a different title from that of the article

Please provide at least one type of **description** for this dataset *

Description 1:

[Delete](#)

This study relates to the traditional practice of brewing leaves, and produced data related to the perceived refreshment provided.


If you are including information about **how to open your dataset**, please

include this as a **Technical information** description





What is UX

- How things **look** 👁️👁️
 - How things **feel** ☐
 - How things **help you achieve your goal** 💪
 - How **usable** it is ☐
- 
- Useful
 - Valuable

Why UX @ Jisc



'System 1'

- Auto-pilot
- Fast
- Instinctive
- Intuitive
- Subconscious



'System 2'

- Slower
- More reflective
- Conscious

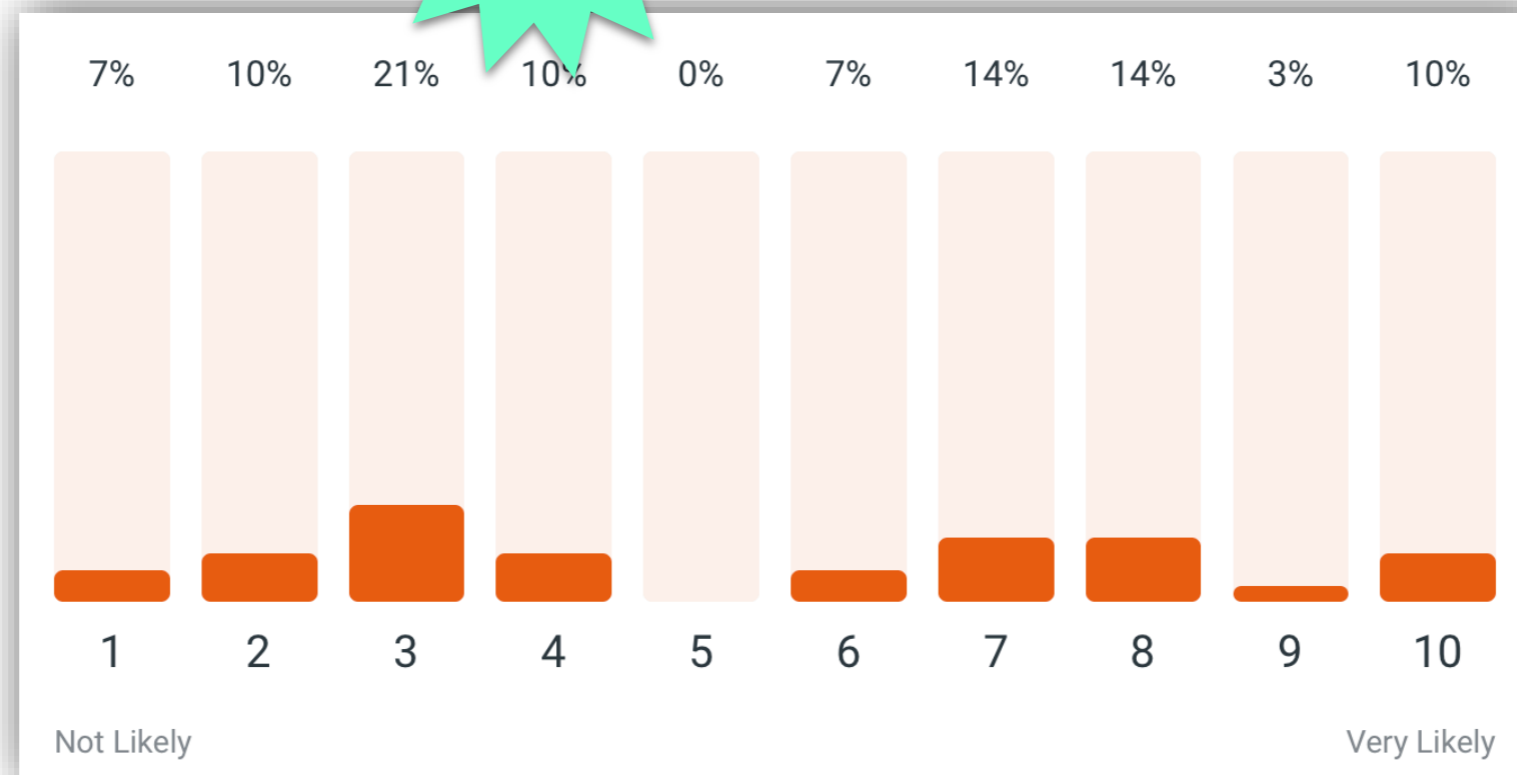


Deposits with **mixed access** and/or **mixed licence**

File	Licence	Access
File_1.csv	CC-BY-NC-4.0	Open
File_2.pdf	CC-BY-SA-4.0	Restricted
File_3.jpg	Apache License 2.0	Closed

How common?

Avg.
5.1



Mixed Access & Licence

The challenges

1 - Hard to deposit

1 - Hard to deposit ... Complicated UI

- Unintuitive structure
- Switching contexts (file vs. access)

The screenshot shows the 'Upload' step of a dataset submission process. The navigation bar includes 'Describe', 'Attribution', 'Restrictions', 'Upload' (highlighted), 'Related', and 'Submit'. The main content area is titled 'Upload your files' and includes instructions: 'You can upload as many files as you wish. Each file must be under 2GB'. There is a dashed box for dragging files, a '+ Select files to upload' button, and a message 'There are no files to attach'. Below this is a section titled 'Set file level access and access types' containing a table with columns for 'Filename', 'Licence', 'Access', and an empty column. The table has one row with the filename 'responding-to-the-digital-accessibility-regulations-digifest-2019.pptx', licence 'none', and access 'Restricted'. Below the table are 'Change licence' and 'Change access' dropdowns, and a 'Remove all files' link.

Filename	Licence	Access	
responding-to-the-digital-accessibility-regulations-digifest-2019.pptx	none	Restricted	Remove

The screenshot shows the 'Restrictions' step of a dataset submission process. The navigation bar includes 'Describe', 'Attribution', 'Restrictions' (highlighted), and 'Upload'. The main content area is titled 'Set the licence and conditions of access for your dataset' and includes the instruction 'Help others understand how they can re-use your dataset'. Below this is a section titled 'Access' with the text: 'Access controls who can use your dataset. Under certain conditions (e.g. if your deposit contains sensitive data) you may need to restrict who can view and download your files. The level of access will depend on the sensitivity of the data.' There is a question 'What type of **access** will you give this dataset? *' followed by a dropdown menu showing 'Open'.

- Confusion, disempowerment, disengagement
- Bad or incomplete data

1 - Hard to deposit ... Tension

- We want robust, rich, accurate metadata
- Users can only do stuff if the question is meaningful and they know the answer

89% talked about support being manual (email, phone)

- Being ⚠ **strict and shouty** ⚠ will not help engagement
- Box-ticking exercises aren't engaging & don't help our ultimate cause

1 - Hard to deposit ... Workarounds galore

57% of respondents talked about workarounds.

“We currently only have one license field, so end up having to define licenses in text files or elsewhere in the repository”

“Current system forces us to create separate records for each licence type and/or access type, putting data away from the associated code, for example”

2 - Risk of contradictions

69% of respondents said contradictions not acceptable

Set the access for the files:

Set the access for each file:

file1.csv	<input type="text" value="Open"/>
file2.pdf	<input type="text" value="Open"/>
file3.pdf	<input type="text" value="Open"/>
file4.pdf	<input type="text" value="Open"/>



3 - Tends towards a messy discovery experience

The screenshot shows a search results page for the letter 'e'. At the top, there are three tabs: 'Discover' (selected), 'Deposits', and 'Approval'. Below the tabs, the search results are displayed. On the left, there is a 'Refine' sidebar with filters for 'Year published' (set to 2019), 'Record Type' (checked 'Dataset (8)'), 'Access' (set to 'Open'), and 'Licence' (checked 'CC-BY-NC-4.0 (7)'). The main content area shows 8 results. The first result is a dataset titled 'Premature nation spreadsheet wisdom inside map clinton equilibrium formidable architecture grabbed not', published on 30/09/2019, with version 1 by Lolita Champlin and Lucius Rodriguez. Below the title, there is a list of words: 'Danger newsletter plea pet Way Butler periodic layer putting spite prices permanently generations indictment residential glad speculate faith tanker streets innovative tournament least manager suggest What's proved bloc minut.'. Two file attachments are shown: 'frustration.css' and 'boiler.js', each with a code icon. Below the attachments, there are five keyword tags: 'keyword1', 'keyword2', 'physics', 'geography', and 'drafty'. The overall layout is cluttered and lacks clear organization, illustrating a messy discovery experience.



What we're doing about it

1 - Simplify ingest

Licence*

Licences define how your work can be re-used by others.
If you are unsure of the appropriate licence for your work, contact your supervisor.

What type of licence do you wish to give this dataset?*

- Creative Commons licence
- Other licences
- Mixed - Different files should have different licences

1 - Simplify ingest

- Creative Commons licence
- Other licences
- Mixed - Different files should have different licences

Please specify the licence for each individual file:

<i>Filename</i>	<i>Licence*</i>
CompanyDetails.xls	Creative Commons Attribution 4.0 International (CC-BY-4.0) ▼
AnotherFile.csv	Creative Commons Attribution Non Commercial Share Alike 4.0 International (CC-BY-NC-SA-4.0) ▼
FileWithAnExtremelyLongFilena meWhichWillWrap.jpg	Creative Commons Attribution Non Commercial Share Alike 4.0 International (CC-BY-NC-SA-4.0) ▼

2 - Force no-contradictions

Mixed - Different files should have different licences

Please specify the licence for each individual file:


<i>Filename</i>	<i>Licence*</i>
CompanyDetails.xls	<div>Creative Commons Attribution 4.0 International ▼ (CC-BY-4.0)</div> Licence details (opens in a new window)
AnotherFile.csv	<div>Creative Commons Attribution 4.0 International ▼ (CC-BY-4.0)</div> Licence details (opens in a new window)
FileWithAnExtremelyLongFilenameWhichWillWrap.jpg	<div>Creative Commons Attribution 4.0 International ▼ (CC-BY-4.0)</div> Licence details (opens in a new window)

2 - Force no-contradictions

Mixed - Different files should have different licences

Please specify the licence for each individual file:

Filename	Licence*
CompanyDetails.xls	<div>Creative Commons Attribution 4.0 International (CC-BY-4.0) ▼ Licence details (opens in a new window)</div>
AnotherFile.csv	<div>Creative Commons Attribution 4.0 International (CC-BY-4.0) ▼ Licence details (opens in a new window)</div>
FileWithAnExtremelyLongFilenameWhichWillWrap.jpg	<div>Creative Commons Attribution 4.0 International (CC-BY-4.0) ▼ Licence details (opens in a new window)</div>

 You selected that the licences are *mixed*, but each file has the *same licence*.

1 - Check the licence for each file is correct.

2 - If they are

3 - Allow 'I don't know'

What type of **access** will you give this dataset?*

- Open**
(Anyone can access the files)
- Closed**
(Only you and the people who manage the repository can access the files)
- Restricted**
(You and repository managers can access the files directly, and you can provide instructions for how others can access the files)
- Mixed**
(Different files should have different access restrictions)
- I'm not sure**

If you have any information or comments that will help us process this, please provide them below

3 - Progressive disclosure

The screenshot displays a research data portal interface. On the left, a search results page for 'e' shows 7 results, with filters for 'Year published' (2019), 'Record Type' (Dataset), and 'Licence' (CC-BY-NC-4.0). The main content area shows a dataset titled 'Rooms welcome update' by Geoffrey Schmeler, with metadata including ARK identifiers, DOI, and version. A 'Files' overlay is shown, listing three files: 'Pact.json' (CC-BY-4.0), 'mounted.csv' (Apache-2.0), and 'Three.json' (CC-BY-1.0), each with a download button. The interface uses a blue and white color scheme with clear navigation and filtering options.

- All detail is available. But not at the expense of usability.
- Visibility of metadata = gives purpose = engagement

In summary

- We don't consider this problem 'solved' across the market
- Even if systems *can* 'handle it', it's not 'solved' until we fully address
 - How we ask for this information
 - How we present the information
 - **How we handle the relationship**



Open Research Hub: jisc.ac.uk/open-research-hub

Work by Glasgow University: datasetlicencing.wordpress.com

Survey results: <http://tiny.cc/jisc-mixed-licence>

Thank you,
any questions?

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