

OPEN RESEARCH AND PRACTICE BASED RESEARCHERS
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PRACTICE RESEARCH VOICES (@PRVOICES)

- **Scoping a national practice research repository using** (as a foundation) the Haplo (now Cayuse) **repository that embedded practice research (primarily in art and design) from the beginning**
- Moving to a **repositories, discoverability and interoperability landscape** in which **practice research disciplines are embedded** rather than an afterthought (OTHER)
- **Bringing together voices** from many interested communities to form the **PR Voices Choir** and working with them to identify what **Findable, Accessible, Interoperable and Re-usable (FAIR) and transparent** research (which may also be **open**) looks like for these disciplines and which respects all contributors and their intellectual property

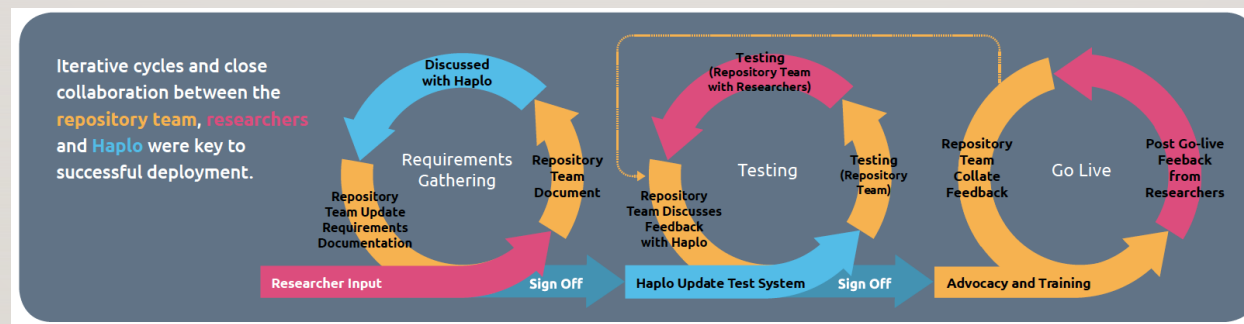


UNIVERSITY OF WESTMINSTER REPOSITORY: WORKING WITH COMMUNITY – A CO-DESIGN APPROACH

Worked with Haplo (now Cayuse) to build a single open source repository that meets the 'FAIR' principles and captures all research (outputs)

Approach to development involved **collaboration with** community (art and design and architecture) – **starting with their requirements – not what the technology offered** (Co-Design) – to understand their needs

Developed a single repository that captures publications, data and practice research outputs and the associated narrative



UNIVERSITY OF WESTMINSTER REPOSITORY

WHAT WE LEARNED

Underpinned by inclusive (enabling) institutional policy landscape and language

Challenges identified included:

- Discoverability and interoperability landscape was born of scientific research
- IP, copyright, licensing issues

Sharing and making research 'open' for practice research: a combination of traditional open access (content can be licensed for reuse) and data sharing where ownership of data varies (FAIR ≠ Open)

The screenshot shows a research repository page for 'Mykaell Riley Bass Culture'. The page includes a DOI link (https://doi.org/10.34737/qqvqz), a navigation menu with 'Project narrative' selected, and a 'Project narrative' section. The narrative text describes the project's response to the lack of recognition of the Jamaican contribution to British popular music, the approach of working closely with other members of the AHRC team, and the challenges of creating a narrative through research outputs. It also mentions the project's goal of sharing knowledge and integrating the community with academic research, and the challenges of locating musicians, recording artists, singers, MCs and record producers. The text concludes with a note on the project's impact, including the production of a documentary film and an online resource, and the project's role in supporting participants to write their own stories and sharing the technology used to capture their content.

Read more about this work: <https://t.co/oi0UNHdtM6>

PRACTICE RESEARCH OUTPUTS

Dynamic, multi-component portfolio (or collection) of (text-based and non-text based) items that are connected by a narrative documenting underpinning research processes

3 main 'non-text' output 'types' – non-text, exhibition, portfolio (collection)

Language reflected what the community asked for

- Creator (not author)
- Collaborators (including a list)
- Description (not abstract)
- Publisher (or commissioning body)
- Media type was part of the output (rather than 'being' the output)

The image shows a screenshot of a metadata form with several fields. Red circles highlight the following fields: 'Title', 'Creators' (with 'Miss Jenny Evans' and 'Evans, J.'), 'Collaborators' (with 'eg Smith, J.B.'), 'Description', 'Date' (with 'dd mm yyyy'), 'Keywords', 'Publisher or commissioning body', and 'Files' (with a note about a 2GB file size limit). Other fields include 'IMAGE CREDIT', 'MEASUREMENTS', 'RIGHTS', 'MEDIA TYPE' (with a dropdown menu), 'LICENSE', and 'FILE ACCESS LEVEL' (with radio buttons for 'Closed', 'Controlled', and 'Open').

Non-text (e.g. artefact)
output record

DISCOVERABILITY LANDSCAPE

Google Scholar

- Indexes text only, PDFs less than 5MG, one file per article

Persistent Identifiers (PIDs) and metadata standards

- 'Other' or 'best-fit'
- Don't reflect the complexities of practice research

Jisc UNIVERSITY OF WESTMINSTER
Practice made Practical. Reducing the OTHER of non-text
Adam Vials Moore (Jisc), Jenny Evans (University of Westminster), Rachael Kotarski (British Library), Taylor Mudd (Cayuse)
BRITISH LIBRARY cayuse

Disciplines that share research with primarily non-textual outputs do not benefit from a scholarly communications landscape that is focussed on the discovery, access and inquiry of STEM textual articles and data. Bringing together experts into a community of practice, such as repositories that have built taxonomies to address non-text outputs, we propose building on the persistent identifier and metadata vocabularies that underpin global infrastructure. Enabling richer, more descriptive work types, allowing better discoverability, and bringing a future where all research is equally valued.

Non-text outputs 📄 🎵 🎨 📱 📺 📖 📷 📡

Practice Research

- cross disciplinary
- documents process
- PRAG-UK report recommends a project item type

as such needs a community of practice to agree on what the form is so that this can be mapped to the discoverability landscape

- intersectional - crosses multiple communities and goes beyond universities - is relevant to galleries, libraries, museums and archives
- may have multiple pages, files, permissions, rights, contextual images, access levels, may be dynamic

Discoverability Landscape:
Where does non-text / practice research fit? 'other' or select the 'best fit'?

ORCID **Persistent Identifiers** **DataCite**

Crossref **RAID** **Other** **ResourceTypes**

Project item type recommended by Bulley-Salin

Metadata standards

resource types **CORE** **Discoverability** **Google Scholar**

Harvests PDF only, uses rioxx, OpenAIRE

Search Engine Optimisation (SEO) mobile optimised design, semantic mark-up, include keywords in item URL, canonical links

Indexes: text only, PDFs less than 5MG, one file per article

Read more about this work: <https://zenodo.org/record/5767095#.Yxtyly8w28U>

PR VOICES PROJECT OVERVIEW



1. Repositories

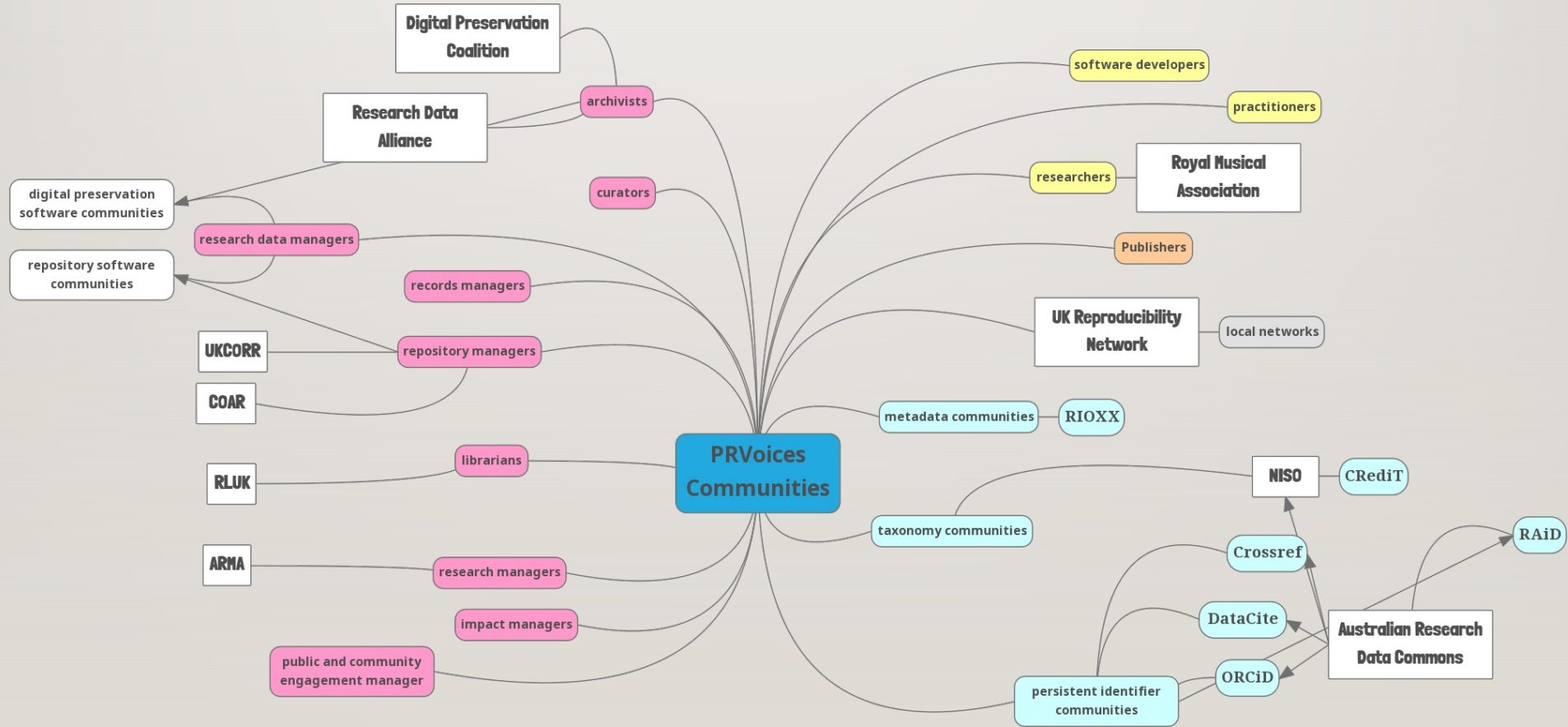


2. Metadata & Persistent Identifiers



3. Creating a Practice Research Community of Practice

THE PRACTICE RESEARCH COMMUNITY OF PRACTICE

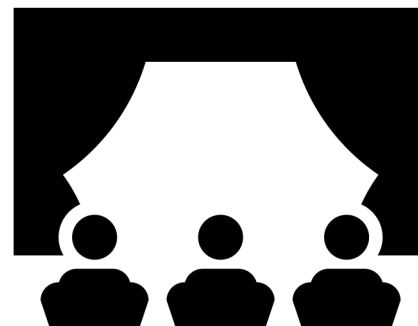


THE PRACTICE RESEARCH (DATA) REPOSITORY

DESIGN AND WHAT IT
LOOKS LIKE

FUNCTIONALITY

THE HAPLO (BY CAYUSE)
SCHEMA



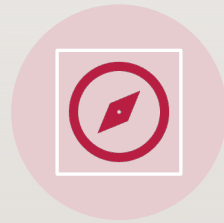
DESIGN AND WHAT IT LOOKS LIKE (BEAUTY) AND FUNCTIONALITY



CONTRIBUTORS



ACCESSIBILITY



NAVIGATION



CAPTURING AND
DISPLAYING PROCESS



MORE INTERACTIVE –
IMAGE, VIDEO, AUDIO
ALL A PRIORITY

FUNCTIONALITY



**DIGITAL
PRESERVATION**



**SOFTWARE
INTEGRATIONS**



**ADDITIONAL
OUTPUT TYPES**

... LED TO SUGGESTED CHANGES

Less text & more visual

Portfolio items linked from landing page

Embedded videos moved here

'Share this'

'Cite this'

Key facts
A multipart project aimed at recognising the contribution of Jamaican music to British culture. The output comprises:

Exhibition
Bass Culture 70/50 (2018), multimedia exhibition, October 25 - November 23, 2018

Film
Bass Culture (2018) documentary film (59 mins), premiered November 22, 2018

Book chapter
"Bass Culture, An Alternative Soundtrack to Britishness", in Stratton, J. and Zuberi, N (eds), *Black Popular Music in Britain Since 1945*, Ashgate, 2014, pp 100-114.


Website/online resource
Launched September 9, 2017. basscultureduk.com

Roles
AHRIC principal investigator; curator (Bass Culture70/50 exhibition); co-producer and project facilitator (Bass Culture, the film); author (book chapter); lead developer and lead interviewer (Bass Culture website and online resource)

Venues
Bass Culture70/50 exhibition, Ambika P3, London, October 25 - November 23, 2018
Bass Culture, a documentary film, premiered at Ambika P3, November 22, 2018, as part of Bass Culture 70/50 followed by a public screening at Regent Street Cinema, London

Other screenings with Q&A include:
University of London Institute in Paris, October 2019
Solent University, Southampton, June 12, 2019
Regent Street Cinema, London, March 2019
Brighton Film Festival, CineCity, Sussex University, November 2018


Funding
AHRIC research grant: Bass Culture AH/N001826/1 - £533,032



Portfolio items


- Bass Culture film
- Bass Culture 70/50
- basscultureduk.com
- Bass Culture: an alternative soundtrack to Britishness
- Ticket Master State of Play Grime Report
- Jazz Jamaica All Stars: The Trojan Story... Live Event

Related videos






Website/online resource
Launched September 9, 2017. basscultureduk.com

Share this



Cite



LED TO ... NEW: EVENT OUTPUT TYPE IN TEST SYSTEM

New Event: Miss Nina Watts

Please complete this form as fully as possible. Fields may be left blank for information that is not applicable to this output. The University repository will be alerted of new or edited outputs.

+ Title of work

+ Type
Exhibition
Residency
Design Charrette
Public Engagement

+ Creators

Change Exhibition to Event

Added sub-types -
Exhibition, Residency,
Design Charrette, Public
Engagement

DIGITAL PRESERVATION INTEGRATION

WHAT CHARACTERISTICS, FEATURES OR FUNCTIONALITY WOULD BE MOST VALUABLE IN PRESERVING KEY ASPECTS OF PRACTICE RESEARCH?

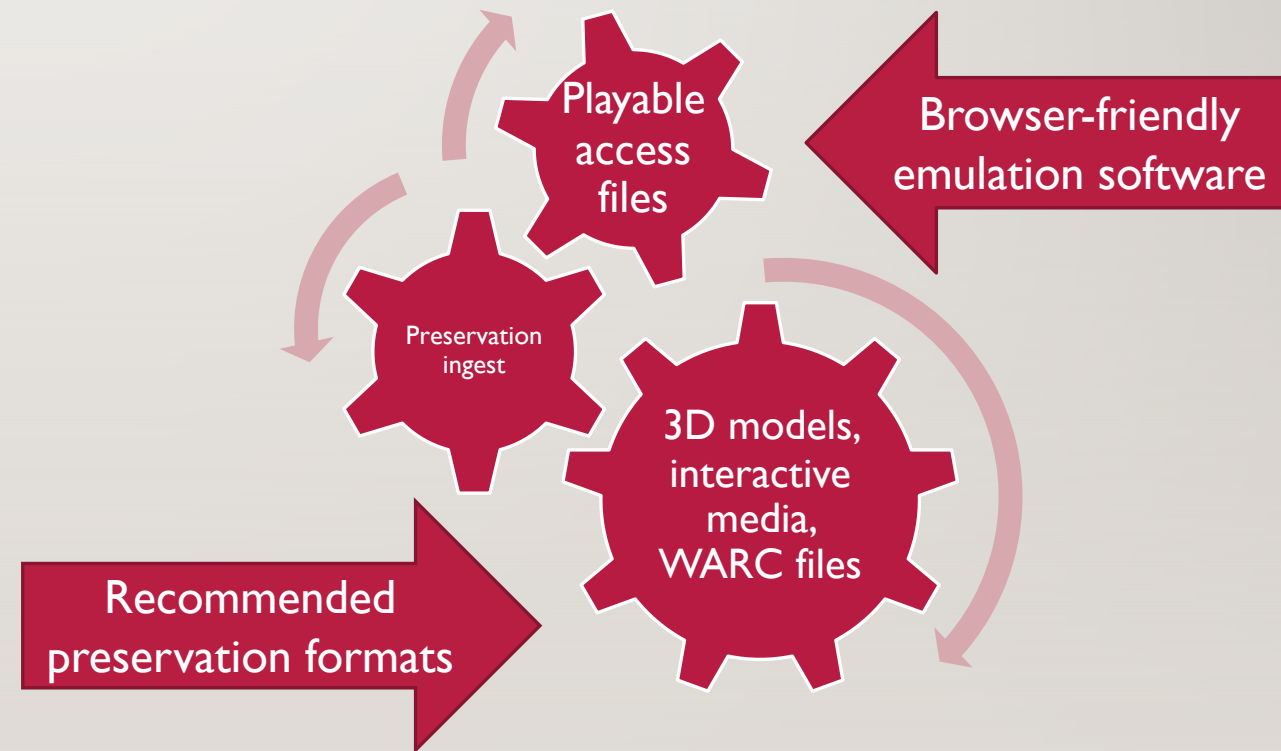
“1) Automatic updating of file formats to current versions [probably practically impossible]
2) Preservation of platforms (OS, applications, development frameworks) used for a particular work [probably practically impossible]”

“Obsolescence of different technological formats. Lack of technical expertise and resources (e.g. time) to adequately preserve the work and upgrade to more recent digital formats so as to make it accessible for research and creative purposes.”

“Archived webpages”

“Ability to archive and/or serve websites beyond preserving a list of component files”

“Preservation layer for repository”



OPEN STANDARDS

Are documented, openly accessible and re-usable by anyone making it easier to publish, access, share and use data (including across systems)



DISCOVERABILITY AND INTEROPERABILITY IS ENABLED BY OPEN STANDARDS

Persistent Identifiers: a long-lasting reference to a digital resource

➤ **Objects** e.g **Digital Object Identifiers (DOIs)** or Archival Resource Keys (ARK); **People** e.g. **ORCID**

Metadata schema: a globally agreed, defined set of elements and the rules for using them (the structure)

➤ Example: Research Outputs Metadata Schema (RIOXX)

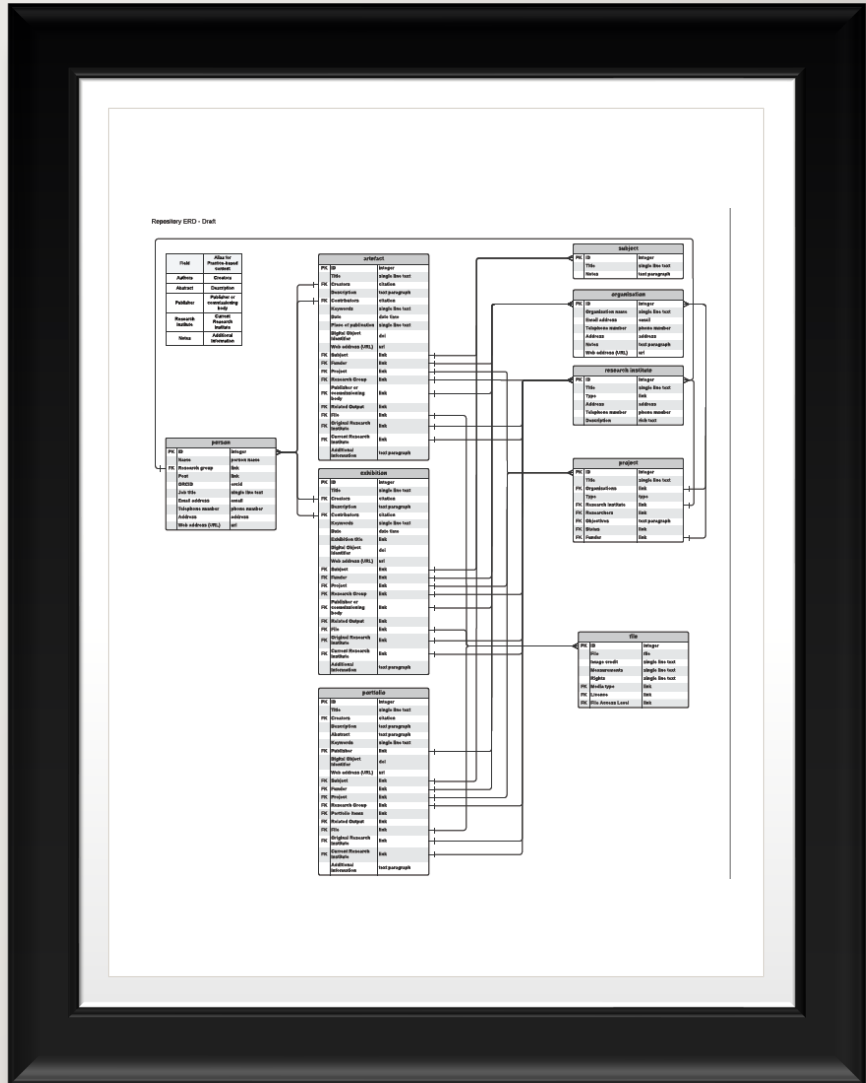
Interoperability: enables different systems to 'talk' to each other and share, exchange and access information

➤ Means research can be discovered and saves researchers time e.g. add a record to WestminsterResearch and it will appear in your ORCID record (if you've given permission)

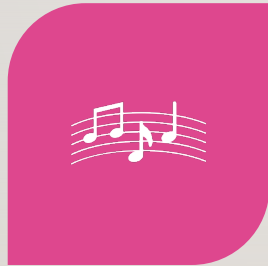


HAPLO REPOSITORY SCHEMA

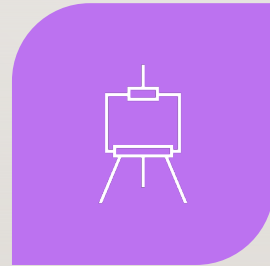
Documents the standard that enables the repository to 'talk' to other software and systems



WHAT DOES PRACTICE RESEARCH LOOK LIKE IN THE HAPLO (CAYUSE) / WESTMINSTER SCHEMA?



NON-TEXT
OUTPUT



EXHIBITION
(EVENT) OUTPUT



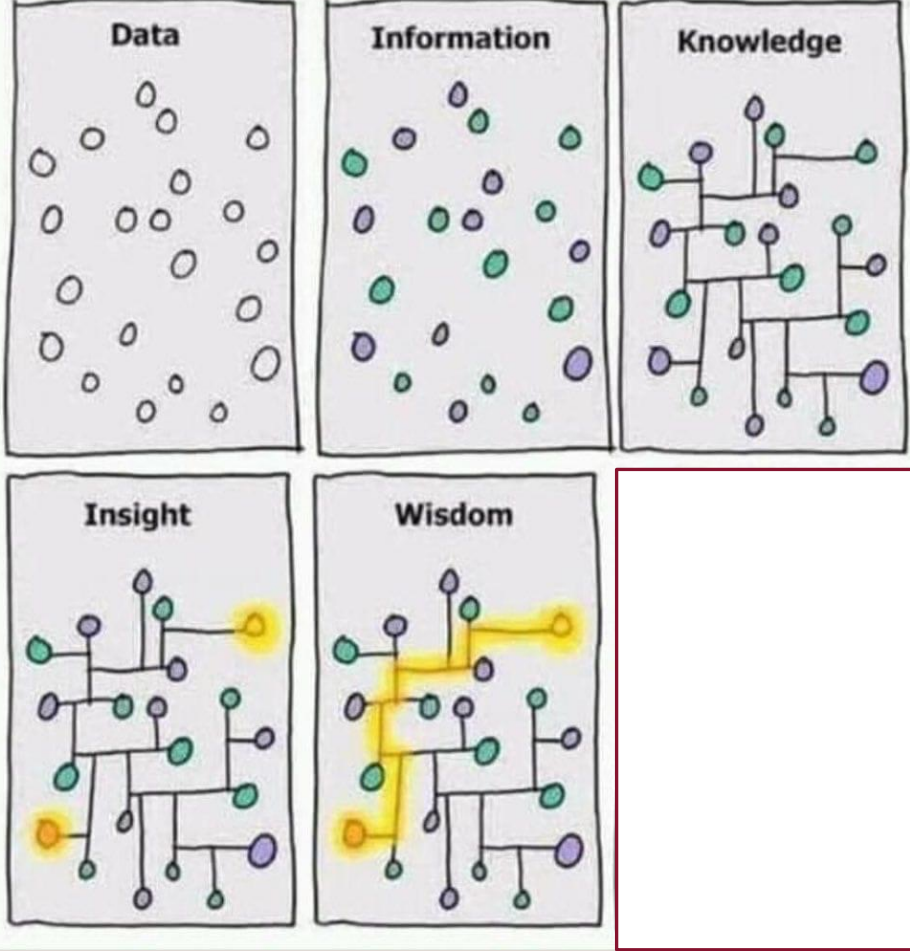
COLLECTION /
PORTFOLIO



CONTRIBUTOR
ROLES

WISDOM

Why does the schema matter?



CONTRIBUTOR ROLES TAXONOMY (CRedit)

Conceptualization	Data curation	Formal analysis	Funding acquisition
Investigation	Methodology	Project administration	Resources
Software	Supervision	Validation	Visualization
	Writing - original draft	Writing - review & editing	



RESOURCE TYPES AND RELATED ITEMS



COLLECTIONS AND PORTFOLIOS

“The Research Activity iDentifier (RAiD) is a unique and persistent identifier for research projects. It acts as a container for research project activities by collecting identifiers for the people, publications, instruments and institutions that are involved.”

<https://www.raid.org.au>



WHY A PRACTICE RESEARCH REPOSITORY AND OPEN STANDARDS?

A source of
inspiration

A stimulus to
networking and
collaboration

Teaching
material

Best practice
guidance

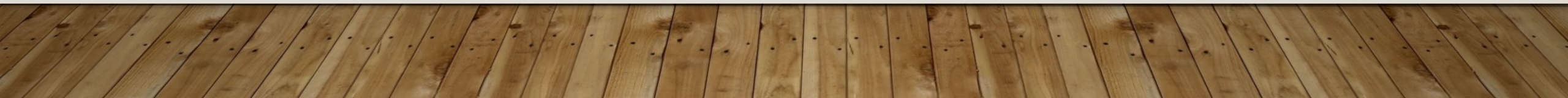
Ability to cite
practice
research

PR VOICES FINDINGS

Findings

- Ongoing community engagement is key to success
- Platform needs to be interactive, embedded in community, respect form and function, enable discoverability, citation and preservation
- Open standards must underpin this work
- Challenges include sustainability, expertise, preservation

Recommendations

- Co-design with community
 - Embed PR in open standards
 - More than retrospective archive
 - Training programme
 - Investment in capacity, people and infrastructure
- 

THE POTENTIAL LANDSCAPE / VISTA / PANORAMA

Creating an equitable opportunity where we are all part of the same landscape



Image by Image by [ferienwohnungen_de](#) from [Pixabay](#)

PR VOICES

Scoping the Open Library of Practice Research

an AHRC funded project

(Scoping future data services for the arts and humanities)



CONTACT US

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