

Repository Training Programme for Cultural Heritage Professionals

Session 3 Part 1: Running a cultural heritage repository

Graham Jevon, Digital Services Specialist (BL)

Nora Ramsey, Assistant Digital Services Specialist (BL)

National Museum of Wales

31 May 2023

Scope

This module covers the practicalities of launching and maintaining a research repository. It will introduce different institutional repository options and highlight some of the key issues to consider, including a discussion of unique and persistent identifiers.

Learning outcomes

This session will help you to:

- Become familiar with different repository platform options.
- Understand some of the technical considerations and resources required to set up and run a cultural heritage repository.

Type	Scope	Examples
Institutional	Outputs produced by staff/students of that organisation. Can be any version of a published item.	British Museum Research Repository ; www.orca.cardiff.ac.uk (eprints)
Pre-print repositories	Early version of a paper intended to be submitted to a conference or journal, known as a 'pre-print' or 'submitted version'.	arXiv (mostly physics/computer science)
Subject	Outputs grouped by subject or theme. Can be any version of a published item.	Dryad ; Social Science Research Network (SSRN) ;
'Zenodo'	Predominantly science focussed but open to all subjects and researchers from any organisation, including independents.	Zenodo
Aggregators	All repositories, harvested data.	CORE

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Institutional	Outputs produced by staff/students of that organisation. Can be any version of a published item.	British Museum Research Repository ; www.orca.cardiff.ac.uk (eprints)

Two main options

1. Join a shared service
2. Set up your own repository

Shared Repository Services

iro.bl.uk



The British
Museum



Royal Botanic Gardens
Kew

LIBRARY
HSILIB

research-scotland.uk



Scottish Government
Riaghaltas na h-Alba
gov.scot

marinescotland



The James
Hutton
Institute

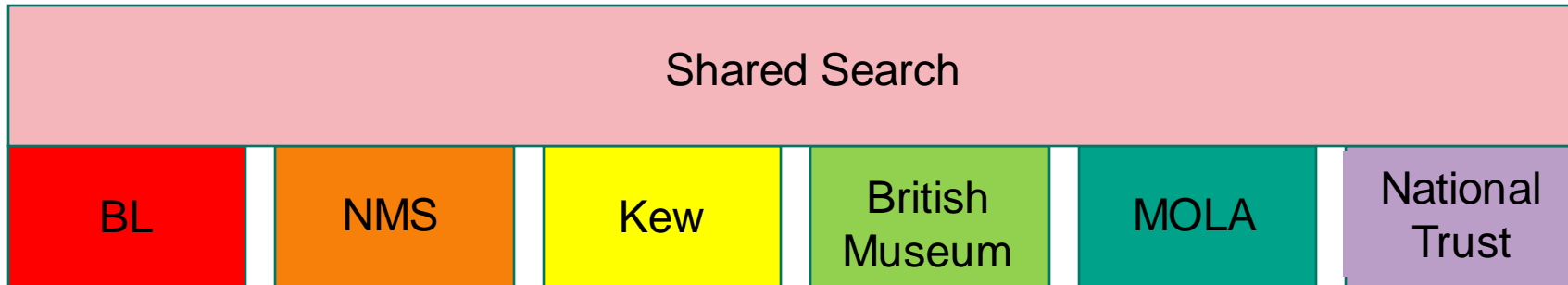


Royal
Botanic Garden
Edinburgh

LIBRARY
HSILIB

One instance, many repositories, one service

What?

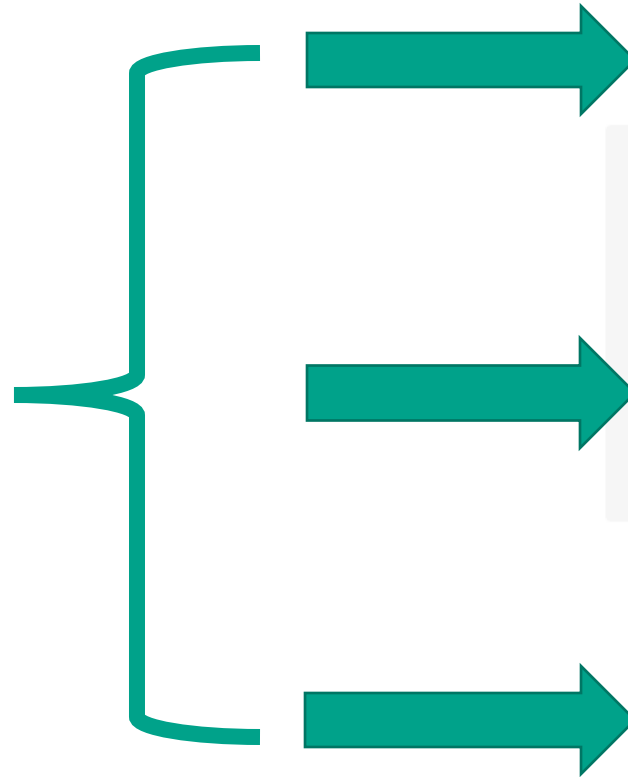


Overarching shared search layer that is 'fed' by the separate repositories

Delivered with our technical partner CoSector (part of the University of London) and as an open-source software, developed with the wider sector in mind.

Shared search term: **“Cardiff”**

First three results, from
three different institutions



2010

RESEARCH REPORT

Excavations at Birnie, Moray, 2009

The 2009 excavations examined six roundhouses, three of which had burnt down. Several showed signs of later activity. Trench AL looked at burnt deposits uncovered in a previous trial trench. It revealed a substantial ring-ditch house, 16 m in diameter, which had been repaired and rebuilt before burning down, preserving...

Hunter, Fraser

Iron Age Birnie Romans Scotland Antiquities Bronze Age Middle Ages

From: NMS Research Repository



2022

JOURNAL ARTICLE

The New Media Writing Prize Special Collection

This article introduces the New Media Writing Prize (NMWP) special collection (<https://www.webarchive.org.uk/en/ukwa/collection/2912>) created on behalf of the six UK Legal Deposit Libraries and hosted by the UK Web Archive. It is divided into two sections, presenting the perspectives of the archivists and the organizers of the prize respectively. The first...

Rossi, Giulia Carla ; Pyke, Tegan ; Pope, James ; Skains, R. Lyle ; Wisdom, Stella

From: British Library Research Repository



2023

JOURNAL ARTICLE

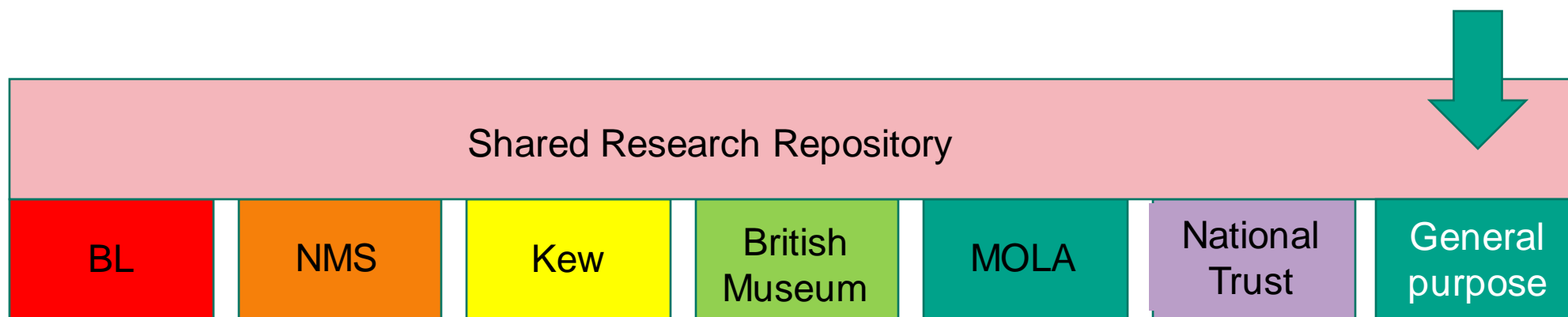
Middle Palaeolithic occupation of the southern North Sea Basin: evidence from the sandscaping sediments emplaced on the beach between Bacton and Walcott, Norfolk, UK

During the summer of 2019, the Bacton to Walcott Coastal Management Scheme involved the emplacement on to the foreshore of 1.8 million cubic metres of sand and gravel dredged from the submerged sediments of the Palaeo-Yare in the southern North Sea 11 km off Great Yarmouth. During the following 2-year...

Davis, Rob ; Ashton, Nick ; Bynoe, Rachel ; Craven, John ; Ferguson, Rob ...

Norfolk, Middle Palaeolithic , lithics, and artefacts

From: British Museum Research Repository



Setting up your own repository

Platforms, hosting & storage

	Shared Repository Service (iro.bl.uk)	Alternatives
Platform	Open Source: Hyku	Open Source: Eprints, Cayuse (formerly Haplo), Invenio, Hyrax, DSpace Closed: Pure (Elsevier)
Hosting, tech developments & maintenance	External: CoSector (University of London), Supported by SoftServ@Scientist.com (Hyku product owners)	Internal: Unlikely to be suitable External: Ubiquity, Cottage Labs, Atmire, 4Science, SoftServ, Cayuse, Southampton Uni, CERN, Elsevier
Storage	External Cloud: Amazon Web Services	Azure, Google Cloud Storage, local servers



Technical support

Even if you outsource technical support, some internal technical support will be required. For example:

External

- Running the repository
- Maintaining the repository
- Developing the repository
- Service agreement for solving issues

Internal

- To allow system generated emails
- To ensure domain name and security certificates approved
- Security / access to data



Running a repository

Things to Consider:

- Will you be promoting public facing research?
 - Collection of all institutional publications ex. accessible reporting to stakeholders
 - Works complimenting museum collections
 - Highlighting projects the institution undertakes
- What collections or works would you want to give priority?

Featured items



BOOK

Armorial blocks and tools specially cut for the British Museum Library Bindery

Marks, P. J. M.

Keywords: Arms blocks, Coat of arms, Armorial block, British Museum Library Bindery, Charles Tuckett junior, Bookbinding tools



RESEARCH REPORT

British Library Research Report 2021-22

The British Library

Keywords: Research partnerships, Research support, Research engagement, Eccles Centre, Visual arts, Postgraduate research, GLAM, Research projects



BOOK

British Patents of Invention, 1617-1977: A Guide for Researchers

van Dulken, Stephen

Keywords: history, industrial, patent, Woodcroft, SRIS, invention, specification



JOURNAL ARTICLE

AI training resources for GLAM: a snapshot

Darby, Andrew ; Coleman, Catherine Nicole ; Engel, Claudia ; van Strien, Daniel ; Trizna, Mike ...

Keywords: training resources, Galleries Libraries Archives and Museums, artificial intelligence, machine learning



RESEARCH REPORT

East and Southeast Asians in the UK Collection Scoping Document

Ma, Xiao

Collating Your Data


- Reach out to colleagues for research outputs.
 - Do they have a list of outputs?
 - Is anyone interested in a pilot?
 - Does any department want to volunteer to be testers?
- Identify DOIs to be collected into one place.
- Identify outputs part of the one project that can be uploaded onto the repository.

Living with Machines

Living with Machines is a research project between The Alan Turing Institute, the British Library, and the Universities of Cambridge, East Anglia, Exeter, and London (QMUL, King's College).

This programme, funded by the UK Research and Innovation (UKRI) Strategic Priority Fund, is a multidisciplinary collaboration delivered by the Arts and Humanities Research Council (AHRC), with The Alan Turing Institute, the British Library and the Universities of Cambridge, East Anglia, Exeter, Queen Mary University of London, and King's College London.


Project Funding Reference: AH/S01179X/1



DATASET

Living with Machines Zooniverse Participant Survey


British Library



BOOK CHAPTER

Hunting for Treasure: Living with Machines and the British Library Newspaper Collection


Tolfo, Giorgia ; Vane, Olivia ; Beelen, Kaspar ; Hosseini, Kasra ; Lawrence, Jon ...



DATASET

The Newspaper Press Directory (1846-1920) - enriched and structured version

C. Mitchell and Co. ; British Library



EXHIBITION OBJECT LABELS

Living with Machines: Human stories from the industrial age (exhibition board text)

Ridge, Mia ; McGoldrick, John

Collection Details

Total items	89
Creator	Alan Turing Institute (isni) British Library (isni) University of Cambridge (isni) University of East Anglia (isni) University of Exeter (isni) <a>Show more
Keyword	digital humanities industrial revolution Living with Machines 19th century
Language	English
Related URL	http://livingwithmachines.ac.uk/



DATASET

Living with Machines Zooniverse
Participant Survey

British Library



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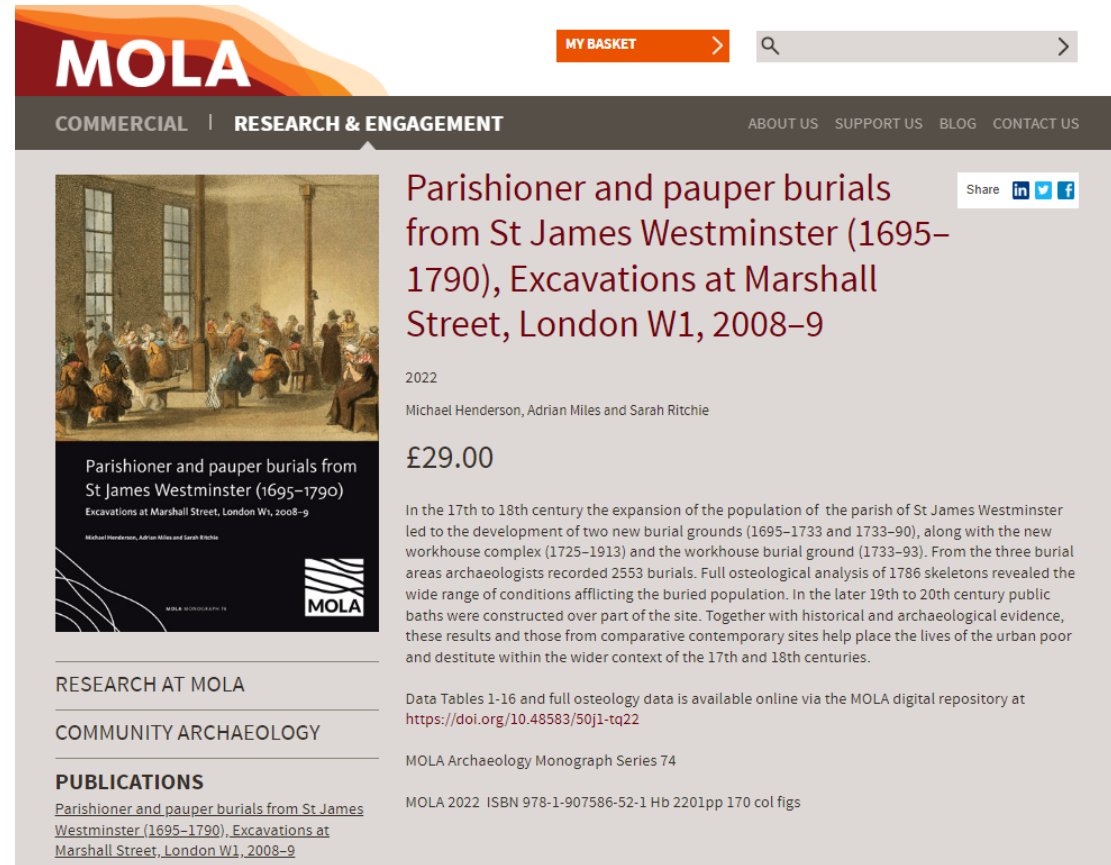
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Ridge, Mia ; McGoldrick, John

Refining Your Repository

- Development of site's brand identity: inclusion of partner logo, images for the Partner Repository Site homepage, understanding other display requirements
- Organising collections and featured content
- Getting feedback from members of your institution





Parishioner and pauper burials from St James Westminster (1695-1790)

Excavations at Marshall Street, London W1, 2008-9

Michael Henderson, Adrian Miles and Sarah Ritchie



MOLA MONOGRAPH 74

Parishioner and pauper burials from St James Westminster (1695-1790), Excavations at Marshall Street, London W1, 2008-9

Share [in](#) [twitter](#) [facebook](#)

2022

Michael Henderson, Adrian Miles and Sarah Ritchie

£29.00

In the 17th to 18th century the expansion of the population of the parish of St James Westminster led to the development of two new burial grounds (1695-1733 and 1733-90), along with the new workhouse complex (1725-1913) and the workhouse burial ground (1733-93). From the three burial areas archaeologists recorded 2553 burials. Full osteological analysis of 1786 skeletons revealed the wide range of conditions afflicting the buried population. In the later 19th to 20th century public baths were constructed over part of the site. Together with historical and archaeological evidence, these results and those from comparative contemporary sites help place the lives of the urban poor and destitute within the wider context of the 17th and 18th centuries.

Data Tables 1-16 and full osteology data is available online via the MOLA digital repository at <https://doi.org/10.48583/50j1-tq22>

MOLA Archaeology Monograph Series 74

MOLA 2022 ISBN 978-1-907586-52-1 Hb 2201pp 170 col figs

RESEARCH AT MOLA

COMMUNITY ARCHAEOLOGY

PUBLICATIONS

[Parishioner and pauper burials from St James Westminster \(1695-1790\), Excavations at Marshall Street, London W1, 2008-9](#)

Marshall Street

This collection contains supporting data for the Parishioner and pauper burials from St James Westminster (1695–1790); excavations at Marshall Street, London W1, 2008–9 by Michael Henderson, Adrian Miles and Sarah Ritchie. The book reports on additional burial areas for the parish of St James Westminster in the 17th to 18th century which were excavated in 2008–9. As the northern part of the parish around Soho grew and its population increased from the mid 17th century, pressure mounted on burial space in the churchyard on Piccadilly and on existing support structures for the least fortunate members of society. In response, the lower ground (the early extramural burial ground, 1695–1733) and the upper ground (the later extramural burial ground, 1733–90) were opened in succession, along with the new workhouse complex (1725–1913) and the workhouse burial ground (1733–93). In the later 19th to 20th century public baths were constructed over part of the site and the workhouse was repurposed and then redeveloped.

The three burial areas were used intensively and a total of 2553 burials were recorded. Intra-site comparisons exploring demographic and health profiles show a higher proportion of adult females in the workhouse population and a disproportionately low number of childhood deaths across all three grounds. Full osteological analysis of 1786 skeletons revealed the wide range of conditions afflicting the buried population. Higher overall rates of pathological bone conditions, including infectious disease and trauma, were identified, however, in the workhouse burials when compared to the extramural grounds. Together with historical and archaeological evidence, these results and those from comparative contemporary sites help place the lives of the urban poor and destitute within the wider context of the 17th and 18th centuries.

The data includes the full osteological data with accompanying metadata for the tables and a set of derived Data Tables referred to in the book.

The book is available to purchase from Oxbow Books

<https://www.oxbowbooks.com/oxbow/parishioner-and-pauper-burials-from-st-james-westminster-1695-1790.html>

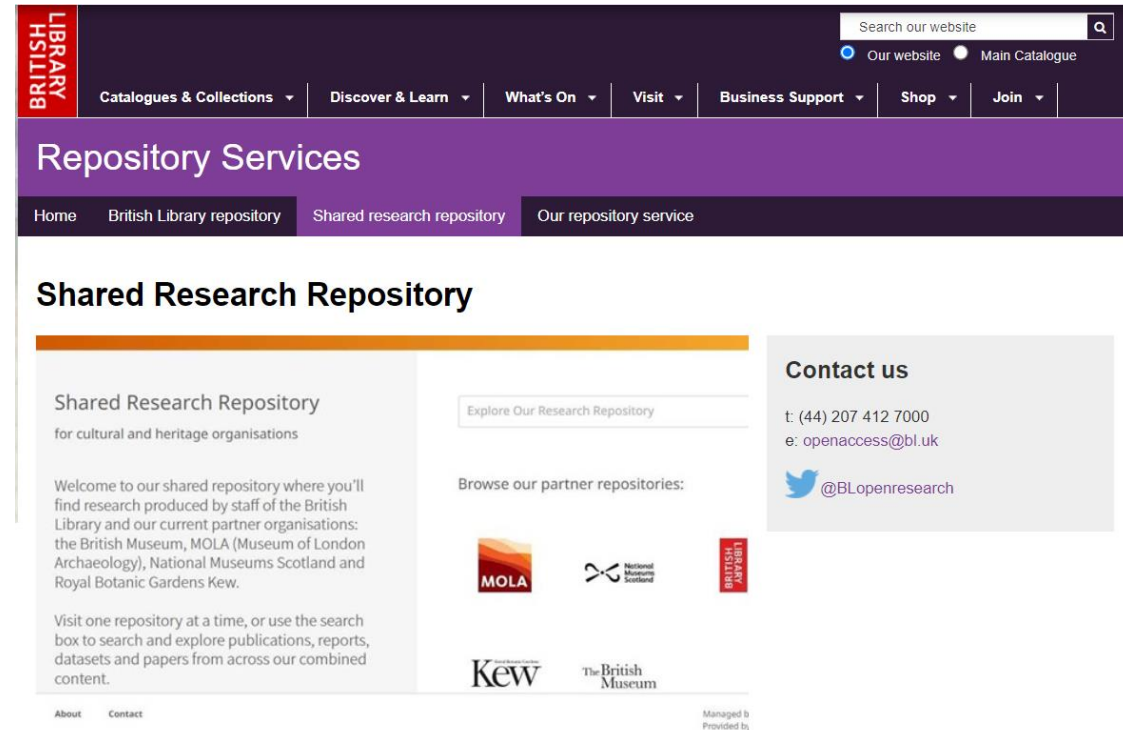
Collection Details

Total items	4
Resource type	Collection Dataset
Creator	MOLA
Publisher	MOLA
Date Created	2021
Language	English
Identifier (local)	10.48583/50j1-tq22
Location	London



Maintaining Your Repository

- Organising repository maintenance
- Ingesting new data
- Maintain departmental connections
- Publicise



The Shared Research Repository brings together research produced by cultural heritage organisations

**Thank
you**