Cultural Heritage Collections as Research Data

Toby Burrows

Research questions − cultural heritage collections

- History of collections
  - Specific institutions
  - Specific formats
  - What this reveals about identity, culture, society, region, country, etc.
  - Collections and indigenous peoples
  - Collections and the history of knowledge, disciplines, etc.
  - Reunite dispersed collections and items

- History of collectors and collecting
  - Relationships
  - Purposes
  - Legacies
  - Reunite dispersed collections and items

- Collecting futures

COLLECTING THE WEST

LEARN MORE

HOW COLLECTIONS CREATE WESTERN AUSTRALIA

Collecting the West looks at what's been collected from Western Australia. What do these collections tell us about who we were, who we are and who we can be?

We work with the state's leading collecting institutions - the Western Australian Museum, the State Library of Western Australia and the Art Gallery of Western Australia, together with our international partner the British Museum - to create a new vision for collecting and display.

Axe (kodja), made of stone, resin and wood (BM, Oc.4768)
Collected King's George's Sound, Australia, probably in early 1830s by Dr
Alexander Collie. Donated to British Museum in 1860s.

Yurlmun
Mokare Mia Boodja

Sainson, Louis de, *Mokare* (1833)

Dale, Robert, *Panoramic View of King George's Sound* (1834) [part]

Dwyer, J. J.
*Two women with pets,
Kalgoorlie, W.A.,* 1907
(WA Museum GM01494)

- Combine W.A. institutional collections data into a common semantic space

- Link them to British and European collections data, e.g., British Museum

- Enable researchers to add, analyse and annotate

- Photographic collections as the initial focus

- Software: ResearchSpace and nodegoat

ResearchSpace Features

ResearchSpace is a British Museum project, funded by the Andrew W. Mellon Foundation, that uses Semantic Web technology to support cultural heritage research.

It provides an integrated environment for contextual data and tools designed to reflect research methods, including Semantic Search, Personal Clipboards, Argumentation, Semantic Narratives and Annotation, Image manipulation and annotation tools using IIIF, Security and Workflow, and a Semantic Web Database Builder.

The system is founded on the principles of knowledge representation and the need to elevate the status of data by including meaning and context at source, rather than relying on the interpretation of "raw" data through programming code. It exposes data "as is", identifying strengths and weaknesses and key areas of enrichment and extension, providing transparency for scholarly activity.

○ ResearchSpace **Features**

- Semantic Search

- Geo Search

- Semantic Clipboard

- Semantic Annotation & Semantic Narratives

- Assertions and Arguments

- Image Annotation with IIIF

- Lightbox

- Semantic Web Database

ResearchSpace Features

ResearchSpace includes a series of sophisticated features to support Cultural Heritage research and the display of collections. These features will be progressively added to the public ResearchSpace site between now and July 2017.

🏠 / Organisations / State Library of Western ... / Digital Photographic ...

Digital Photographic Collection

Followers

0

📰 **Organisation**

State Library of Western Australia

The State Library of Western Australia is a research, reference and public lending library located in the Perth Cultural Centre in Perth, Western Australia. The State Library's... read more

↪ **Social**

Google+

Dataset   👥 Groups   🕐 Activity Stream   🖼 Showcases

🔗 RDF   ⚙ JSON

Digital Photographic Collection

50,000 digital photographs in which copyright has expired with bibliographic data and links to persistent URL of the digital image from the State Library of Western Australia Catalogue.

We're delighted to announce this dataset was used in the prize winning GovHack 2016 competition entry, Colourful Past. https://2016.hackerspace.govhack.org/content/colourful-past

The team summarized their entry thus: Colourful Past aims to create an immediate and lasting connection to our shared past, by giving you a channel to browse recorded in library or archive imagery. You'll be directed to a set of monochrome or faded photos with a click your sense can feast on an enhanced colour version.

Data and Resources

Pictorial collection_csv
The CSV contains limited bibliographic data from this collection including...

↪ Explore ▾

SLWA Pictorial (Marcxml)
This MARCXML file contains limited bibliographic data from this collection...

↪ Explore ▾

SLWA Pictorial (Modsxml)
This MODSXML file contains limited bibliographic data from this collection...

↪ Explore ▾

SLWA pictorial (zipped dublin core)
Inside this zipped file, you will find two objects, the first is a folder...

↪ Explore ▾

Pictorial collection urls and captions
This csv file contains the only the urls and captions for the photographic...

↪ Explore ▾

The CIDOC CRM
Top-level classes useful for integration
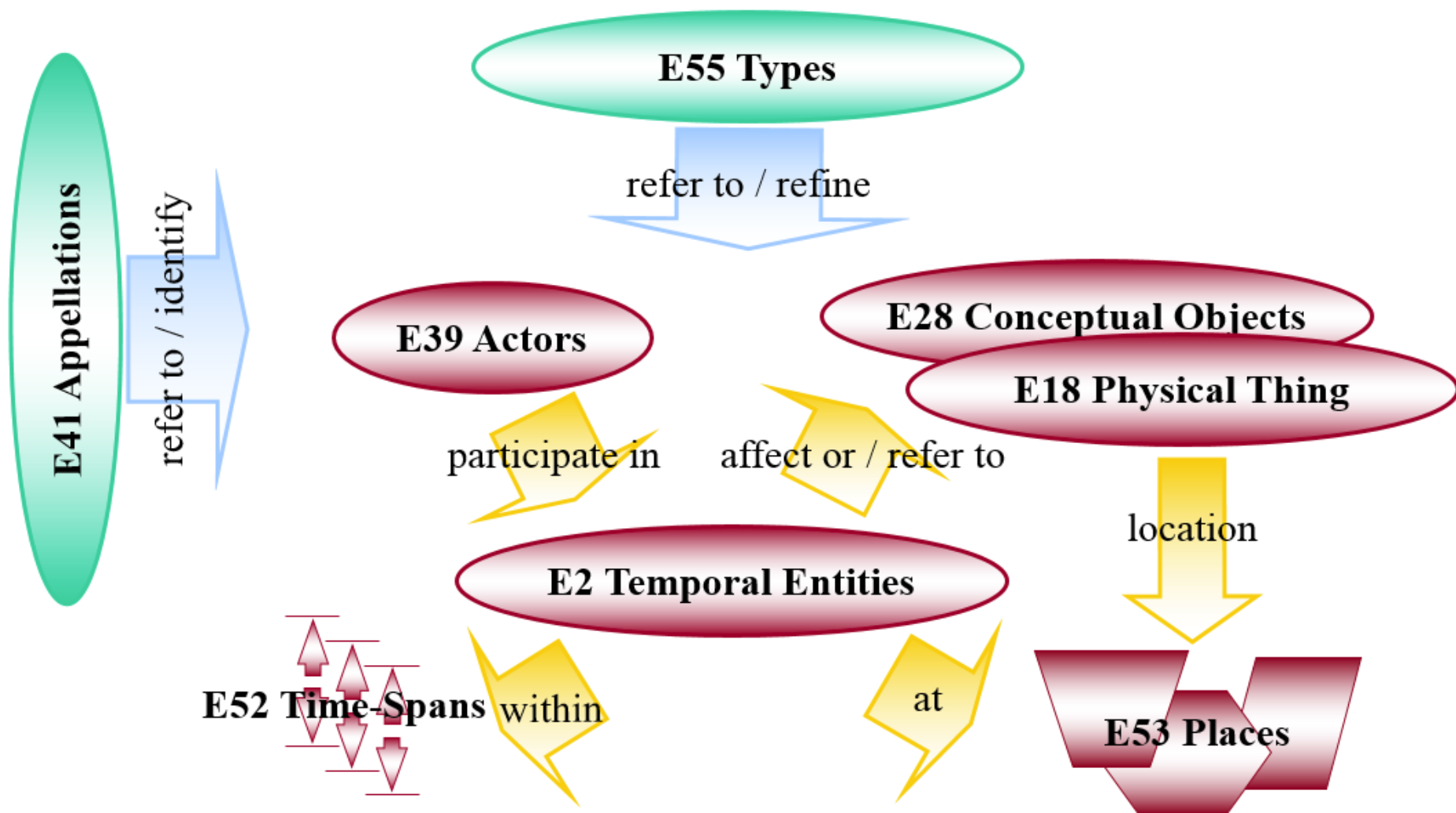
	Collection Size	Digital metadata record		Digitised resource	
Ashmolean	1,000,000	330,000	36%	60,000	6%
Oxford Botanic Garden	30,000	7,500	25%	7,500	25%
Museum of the History of Science	45,000	40,000	89%	8,000	18%
Museum of Natural History	6,250,000	152,000	2.4%	15,000	0.24%
Pitt Rivers Museum	650,000	430,000	65%	240,000	35%
Bodleian Library Published (Print+Electronic)	12,000,000	12,000,000	100%	1.5M	12%
Bodleian Special Collections	18 kilometres	?	48%	?	?

Source: Catríona Cannon and Christine Madsen, *The Future of Finding at the University of Oxford* (CNI Fall 2016 Membership Meeting, 12-13 December 2016)
https://www.slideshare.net/mccarthymadsen/the-future-of-finding-at-the-university-of-oxford-cni-fall-2016

AWARDS NAVIGATION   Select Awards Round

Mapping Manuscript Migrations: Digging Into Data For The History And Provenance Of Pre-Modern European Manuscripts

Abstract

Hundreds of thousands of pre-modern European manuscripts have survived until the present day. As the result of changes in their ownership over the centuries, they are now spread all over the world. Collectively they constitute a great cultural and scholarly treasure. There are many sources of data relating to them, and new sources continue to proliferate in the digital environment. This project will link disparate datasets from Europe and North America to provide an international view of the history and provenance of these manuscripts. The aggregated data will enable researchers to analyse and visualize these topics at scales ranging from individual manuscripts to thousands of manuscripts. Our research will address their origins and movements, and the collectors and owners involved in their history. We will be able to show how these manuscripts have traveled across time and space to their current locations, where they continue to find new audiences.

Principal Investigators

Toby Burrows, University of Oxford, United Kingdom, AHRC/ESRC
Eero Hyvönen, Aalto University, Finland, AKA
Lynn Ransom, University of Pennsylvania, United States, IMLS
Hanno Wijsman, Institut de recherche et d'histoire des textes, France, ANR

Partner Investigators

Dr Toby Burrows

University of Oxford

Dr Lynn Ransom

University of Pennyslvania

Dr Hanno Wijsman

IRHT, Paris

Professor Eero Hyvönen

HELDIG - University of
Helsinki and Aalto
University

Specific Research Questions

- Trace the history and movement across time and space of a single manuscript

- Trace the history and movement across time and space of a group of manuscripts, selected using one of the following criteria, or by a combination of two or more of these criteria:
  - similar place of origin; same current location (place / institution / collection);
  - same language; similar subject; similar text; same period of origin;
  - same current or previous owner(s); same collection at the same time

- For manuscripts of a particular type, or from a particular group:
  - Find the number or proportion which are now in institutional collections;
  - Find the number or proportion which are in private collections;
  - Show how these numbers and proportions changed over time

- Find the connections between specific actors, and also between specific manuscripts or groups of manuscripts

The Schoenberg Institute for Manuscript Studies
University of Pennsylvania Libraries

About

LOGIN

Login

Password

☐ Remember me

Log in

The Schoenberg Database of Manuscripts aggregates observations of pre-modern manuscripts drawn from over 12,000 auction and sales catalogues, inventories, catalogues from institutional and private collections, and other sources that document sales and locations of these books from around the world.

Search the Database

Everyone is invited to search the database. Use the search bar below, or click the facets to the right.

| Search database... | Search | Advanced |

Author	⌄
Saint Augustine (S. Augustinus), Bishop of Hippo (354-430)	5,142
Jerome, Saint (S. Hieronymus) (347-419/420)	3,723
Cicero, Marcus Tullius (106-43 BC)	3,310
more »	
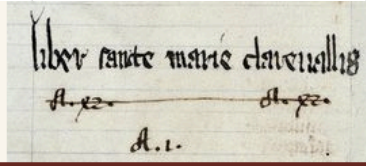
Bibale
Historic Collections, Provenance, and Medieval Text Transmission

liber sante marie clarevallis

cnrs
Medium - édition avancée
Répertoire des manuscrits reproduits et recensés
IRHT

Se c

Recherche

Accueil | Manuscrits | Etablissements | Panier (0) | A

MEDIEVAL MANUSCRIPTS IN OXFORD LIBRARIES

HOME | ABOUT | HELP

A catalogue of Western manuscripts at the Bodleian Libraries and selected Oxford colleges

Search Medieval Manuscripts

ADVANCED SEARCH

OR BROWSE BY

MANUSCRIPTS | WORKS | PEOPLE | PLACES

Manuscript [Sold]
Manuscript [Owned]
Manuscript [Produced]
Manuscript [Donated]
Manuscript [Described In]

01-01-605   01-01-2015

01-01-605   01-01-2015   View Selection

Map data ©2016 Google
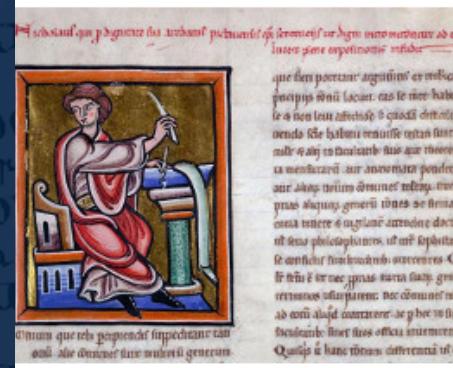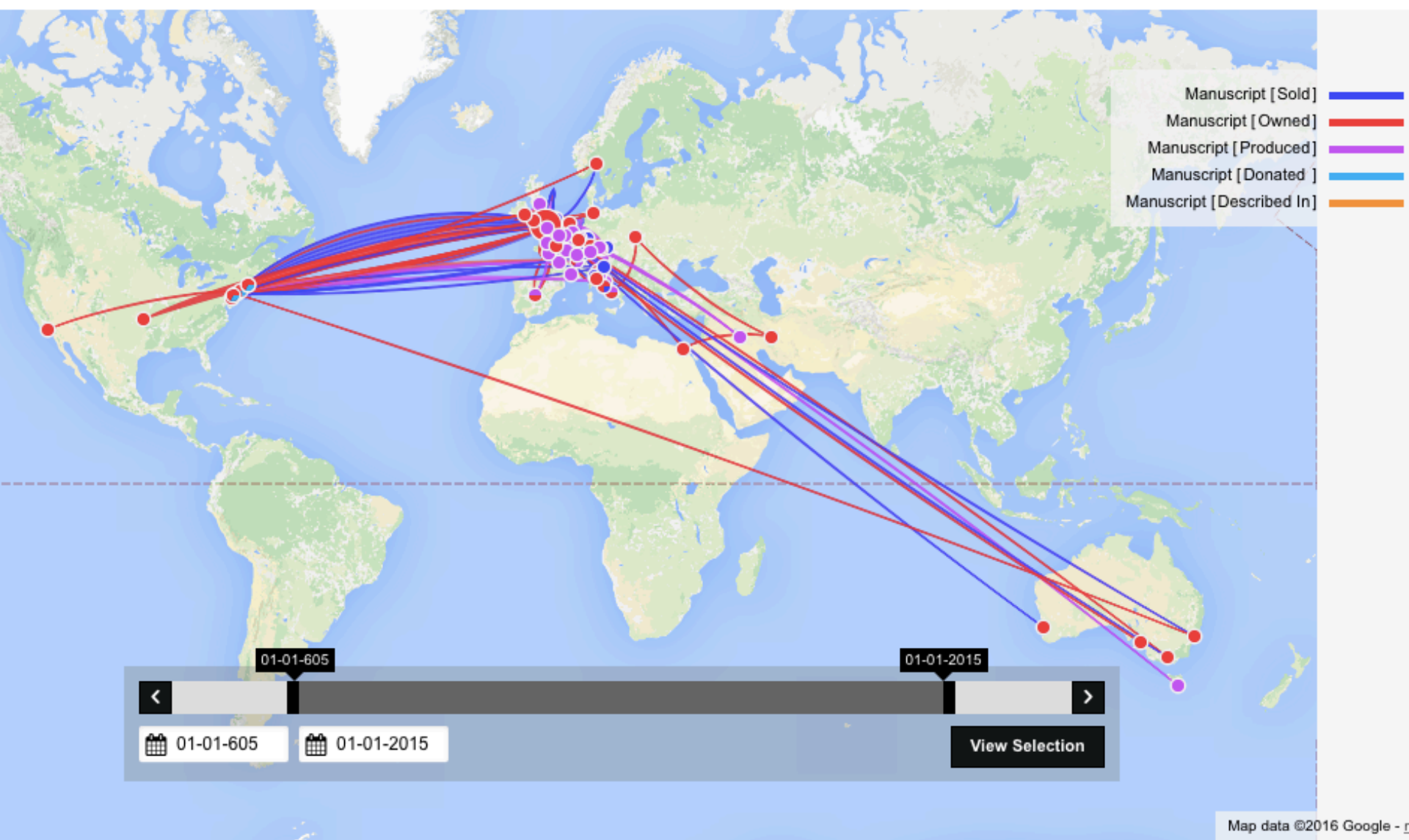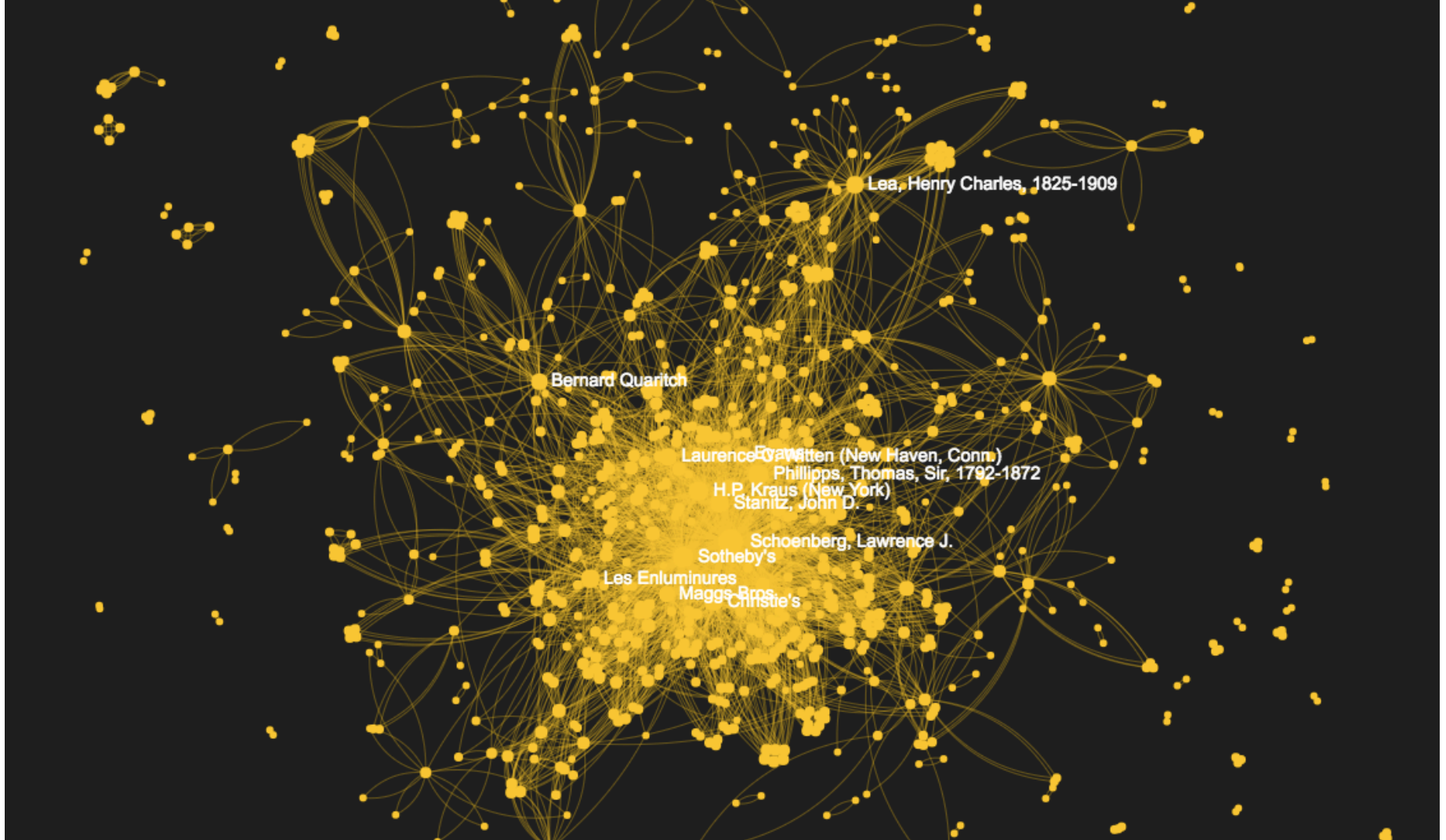
Mitch Fraas (2014) "Past possessors of Penn's codex manuscripts in yellow linked with others who possessed the same manuscript"

http://mappingbooks.blogspot.co.uk/2014/01/charting-former-owners-of-penns-codex.html

huni
VIRTUAL LABORATORY

Unlocking and uniting Australian cultural data: combine, collect, connect and collaborate

What's inside?

HuNI (Humanities Networked Infrastructure) combines data from many Australian cultural websites into the biggest humanities and creative arts database ever assembled in Australia. HuNI data covers all disciplines and brings together information about the people, works, events, organisations and places that make up the country's rich cultural landscape.

HD Researcher Perspective (video)

What can I do with the HuNI data?

- **Search and browse**
- **Build your own private or public virtual collections**
- View ⬚collections built by other HuNI users
- Make new 🔗 links between records and follow existing trails
- **Export, publish and share your findings**

HD Get Lucky with HuNI (video)

SEARCH HUNI

Try searching 'Mary Hobbs', 'Western Desert Art' or 'Eureka Stockade' 🔍

BROWSE RECORDS BY CATEGORY

Humanities Networked Infrastructure (HuNI)

- **Virtual Laboratory** for the humanities

- Aggregates **32 different data sources from 15 data providers**

- Contains **nearly 18 million entities** (Person, Organization, Place, Concept, Work, Event)

- Users can **link entities** and create relationships

- Users can **create collections** and categorize entities

- **Graph-based** searches: all reachable nodes; shortest path between two nodes

PERSON: Miriam Stannage

Tom Gibbons

The image processor: Tom Gibbons restrospective

Tom Gibbons

Tom Gibbons

Tom Stannage

Miriam Helen Stannage

Looking West: Western Australian women artists from the City of Fremantle collection
Miriam Stannage

Peter Cooley : Deidre Dowman : Miriam Stannage

Miriam Stannage: perception 1969-1989

Look, Look Again

Miriam Stannage photoworks

In the Company of Women: 100 years of Australian women's art from the Cruthers collection

PERSON: Miriam Stannage

Details

View original record from Design and Art Australia Online

Birth: 1 January 1939

Occupation: artist

Biography: Conceptual artist concerned with the politics of representation, appropriation and particularly photography, working frequently with text, found images and assemblage.

Pippin Drysdale
Annette Davis
National Women's Art Exhibition
Jane Martin
Claude Hotchin Prize for Watercolour
Memnuna Vila-Bogdanich
Portia Mary Bennett and Rah Fizelle
Group Exhibition
Jo Reid
Toni Donley
Sandra Black
Group Exhibition
Joan Ruth Campbell
Western Australian Art and Artists 1900-1950
Sally Morgan
Beyond the Image
Kathleen O'Connor
Solo Exhibition
William Light
Judith Dinham
Rah Fizelle
Beyond the Image: Western Australian Women Ar
Penny Bovell
Claude Hotchin Watercolour Prize
The image processor: Tom Gibbons restrospective
Looking West: Western Australian women artists from the City of Fremantle collection
Ann Gordon
(Exhibition with Muriel Southern, Florence Hall & Ma
Tom Stannage
Western Australian Art and Artists 1900-
Portia Mary Bennett
Tom Gibbons
Thorogood Prize
Tom Gibbons
Ellen Eva Chappell
Look, Look Again
Julian Ashton
Miriam Stannage
(Joint exhibition with Rah Fizelle)
Maxine Lindsey
Grace Crowley
Retrospective exhibition
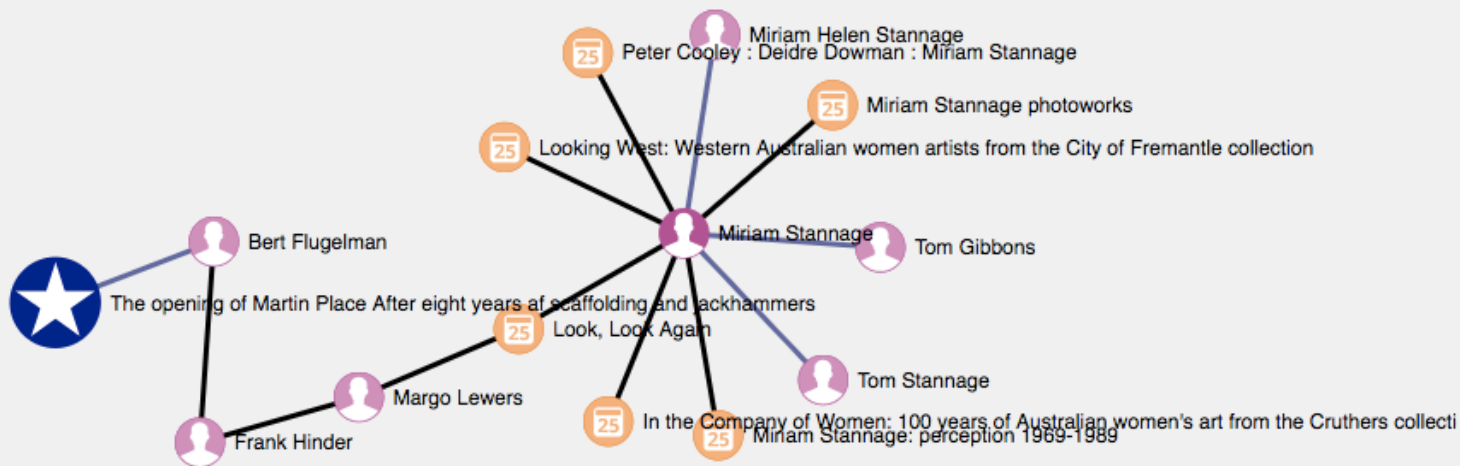Peter Cooley : Deidre Dowman : Miriam Stannage
Exhibition of Western australian Painting 1926-1937
Tom Gibbons
Jenny Dawson
Portia Bennett, F. V. Hall, Margaret Johnson and Muriel Southern
Colleen Pozzi
Modern Visions of the City of Perth
Miriam Stannage: perception 1969-1989
Women Artists of Australia
Danilo Rubbo
In the Company of Women: 100 years of Australian women's art from the Cruthers collection
Group Exhibition
Group Exhibition
Festival of Perth
Miriam Helen Stannage
Miriam Stannage photoworks

EVENT: Looking West: Western Australian women artists from the City of Fremantle collection

Details

View original record from Design and Art Australia Online

Type: exhibition

Started: 8 March 1995 **Ended:** 2 July 1995

⭐ WORK: The opening of Martin Place After eight years af scaffolding and jackhammers
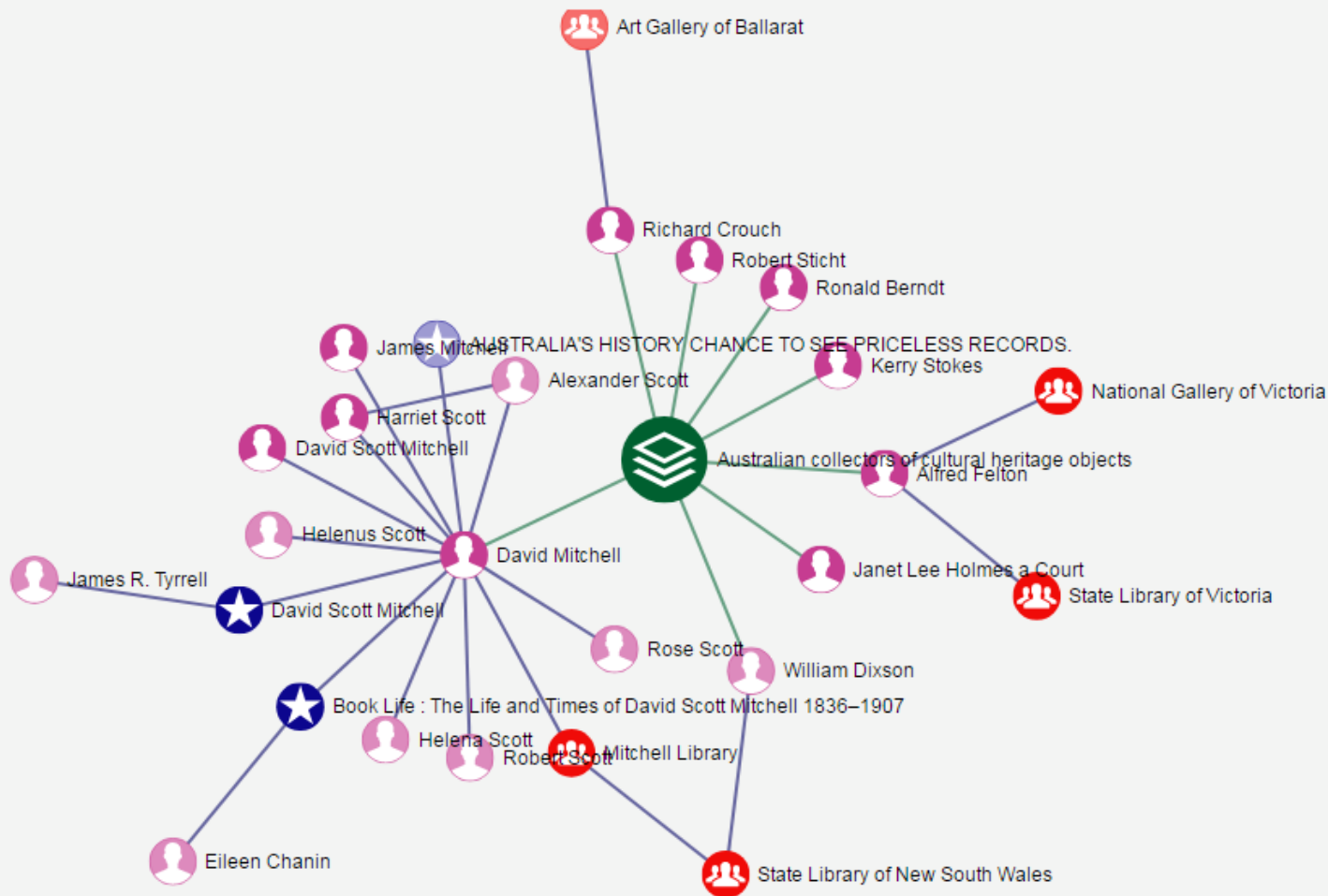
Details

View original record **from** Trove

Type: Article

Created: 2 May 1979

COLLECTION: Australian collectors of cultural heritage objects

Art Gallery of Ballarat

Richard Crouch

Robert Sticht

Ronald Berndt

James Mitchell — AUSTRALIA'S HISTORY CHANCE TO SEE PRICELESS RECORDS.

Alexander Scott

Kerry Stokes

National Gallery of Victoria

Harriet Scott

David Scott Mitchell

Australian collectors of cultural heritage objects

Alfred Felton

Helenus Scott

David Mitchell

James R. Tyrrell

Janet Lee Holmes a Court

State Library of Victoria

David Scott Mitchell

Rose Scott

William Dixson

Book Life : The Life and Times of David Scott Mitchell 1836–1907

Helena Scott

Robert Scott — Mitchell Library

Eileen Chanin

State Library of New South Wales

COLLECTION: Australian collectors of cultural heritage objects

Details

Description: This collection brings together people who were (or still are) active collectors of cultural heritage objects, including manuscripts, rare books, maps, and art works as well as indigenous objects and art works.

Created by: Toby Burrows

Best practice – reuse of collections data

- Ensure that collections data are publicly available

- Ensure that collections data can be extracted – preferably by downloading as well as via APIs

- Data can be extracted in easily reusable formats (e.g., CSV, XML)

- Not just the data associated with digital collections – *all* metadata are required

- Licensing for reuse should be made clear – preferably CC-BY or better

Addresses

Collecting the West: http://collectingthewest.org

Mapping Manuscript Migrations: http://mappingmanuscriptmigrations.org

OXLOD: https://www.glam.ox.ac.uk/oxford-linked-open-data-pilot

HuNI Virtual Laboratory: http://huni.net.au

Toby Burrows: @TobyBurrows toby.burrows@oerc.ox.ac.uk