







Mapping Manuscript Migrations

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AWARDS ROUND 4

AWARDS

Mapping Manuscript Migrations: digging into data for the history and provenance of pre-modern European manuscripts

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

MMM Project Team

• Oxford: Toby Burrows, David Lewis, Andrew Morrison, Kevin Page, Pip Willcox, Thanasis Velios, Graham Klyne

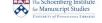
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• IRHT: Hanno Wijsman, Antoine Brix, Synnøve Myking, Guillaume Porte, Pierre-Louis Pinault, Nicole Bergk-Pinto, Alexandre Gaudin, Mahaut Cazals

• Pennsylvania: Lynn Ransom, Doug Emery, Mitch Fraas, Benny Heller, Emma Thomson





















MMM Project Goals

- Collect and transform heterogeneous data from various sources to a unified Data Model
- Expose the combined data in a Linked Open Data environment
- Implement a software interface for browsing and searching the combined data
- Visualize the data: geographical relationships
- Explore research questions relating to the history and provenance of manuscripts on a large scale
- Make the data and software available for reuse





















MMM Data Sources

Medieval Manuscripts in Oxford Libraries	Text Encoding Initiative (TEI) XML documents	10,000 catalogue records; more than 1,000 with detailed provenance information
Schoenberg Database of Manuscripts	Relational database - bespoke data model	247,000 records containing provenance-related observations of manuscript histories
Bibale	Relational database - bespoke data model	More than 16,000 manuscript records with detailed provenance information





Bodleian Libraries





The Schoenberg Institute for Manuscript Studies
University of Pennsylvania Libraries













MMM Project Products

- Unified Data Model for manuscript history and provenance (derived from CIDOC-CRM and FRBR ontologies)
- Conversion and transformation tools and pipelines
- LOD vocabularies with identifiers for 222,000 manuscripts, 435,000 works, 56,000 actors, 5,000 places
- Public SPARQL endpoint to the MMM triple store (20 million RDF triples)
- Public portal: browsing, searching, visualizations (Sampo-UI)
- Data export and downloads (from the public portal and Zenodo data repository)
- GitHub site for tools, data, and documentation
- Publications and presentations (40+)























Making the databases interoperable

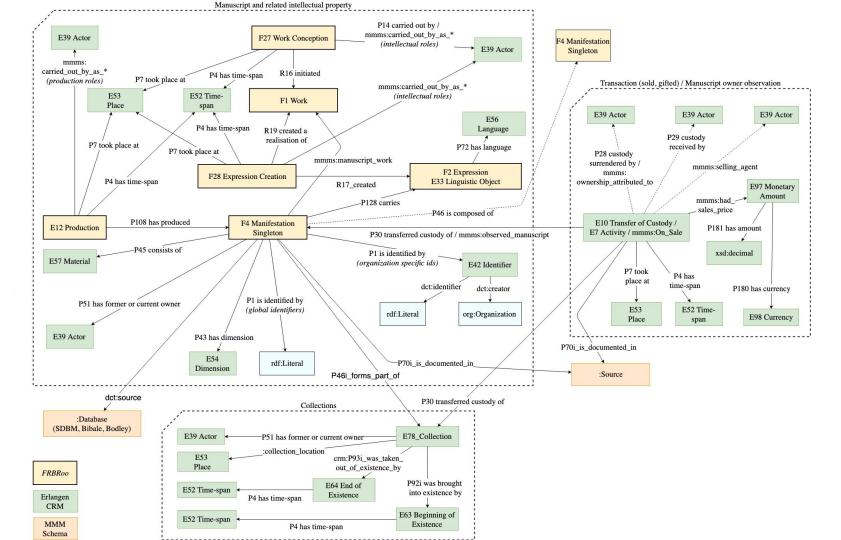
- Linked Data (RDF)
- Harmonizing Data Model
 - CIDOC CRM (Conceptual Reference Model)
 - IFLA FRBR (Functional Requirements for Bibliographic Records)
 - FRBRoo = CIDOC CRM + FRBR
- Reinterpreting the source data in terms of the harmonizing data model
- Entity Reconciliation

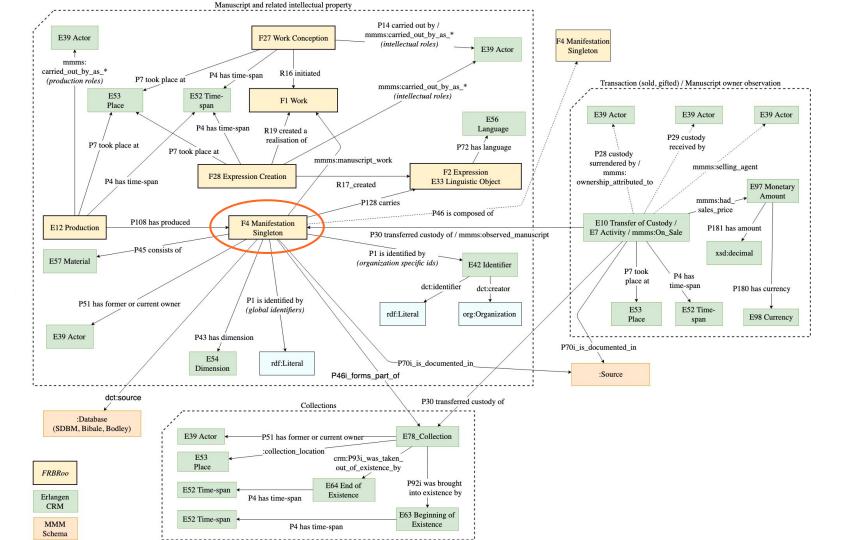


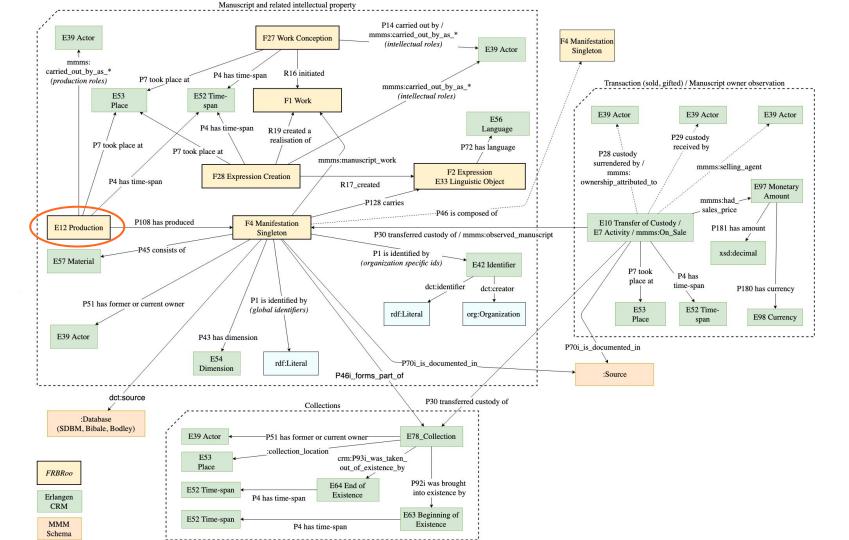


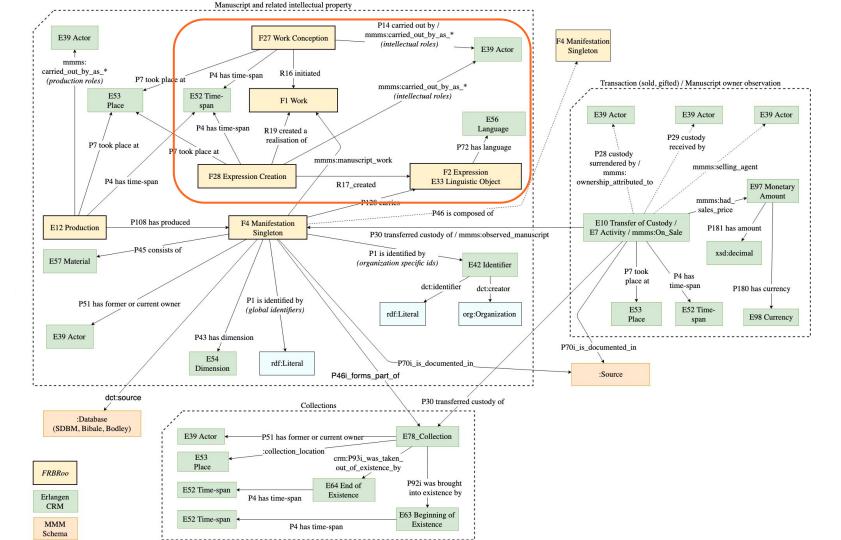


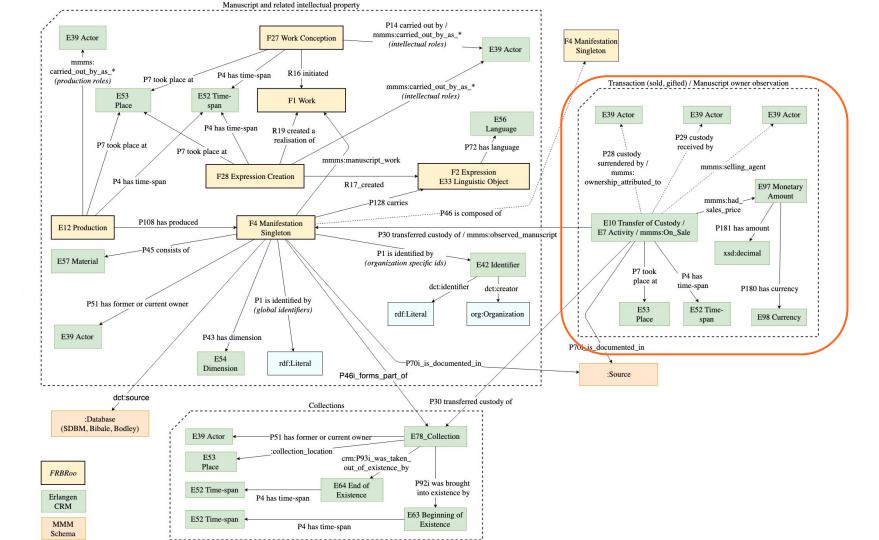












Reconciliation: Vocabularies

	SDBM	Bibale	Oxford
Places	TGN, GeoNames VIAF	GeoNames → map to TGN	TGN GeoNames VIAF, Pleiades
Persons	VIAF	VIAF, BnF, Wikidata	VIAF, Wikidata, SUDOC, LoC
Organizations	VIAF	BnF VIAF, Wikidata	VIAF, BnF, Wikidata, SUDOC, LoC
Works			Pinakes, Mirabile
Manuscripts		Pinakes, Jonas, Initiale, Medium	Pinakes, Jonas

Oxford, Bodleian Library, Hatton 036

Type Livre (exemplaire)

Permalien http://bibale.irht.cnrs.fr/13060

Comment citer cette notice?

"Oxford, Bodleian Library, Hatton 036" dans la base Bibale-IRHT/CNRS (permalink

Oxford (GB), Bodleian Library, Hatton 036 (Medium)



Ouvrir toutes les catégories



Conservé ou Attesté Volume conservé ①

Référence Medium ou

autre cote d'un livre

conservé

Contenu indicatif Nicolaus de Clamangiis : Tractatus diversae 1

(auteur, titre)

Date ca 1426 - ca 1450 **1**

Lieu France 1

Cote livre Oxford, Bodleian Library, Hatton 036 1



Summary Catalogue no.: 4082

Contents

NICHOLAS DE CLAMANGES, Works

Language(s): Latin

Physical Description

Form: codex

Support: parchment

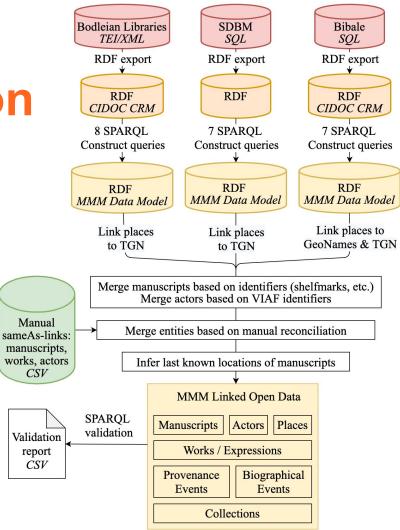
Decoration

Fleuronnée initials (P&A i. p. 72)

History

Origin: 15th century, second quarter; French

Data Transformation Pipeline



Mapping Manuscript Migrations

Navigating the network of connections between people, institutions, and places within European medieval and Renaissance manuscripts

Mapping Manuscript Migrations (MMM) is a semantic portal for finding and studying pre-modern manuscripts and their movements, based on linked collections of the Schoenberg Institute for Manuscript Studies, the Bodleian Libraries, and the Institut de recherche et d'histoire des textes.

Select a perspective to search and browse the MMM data:











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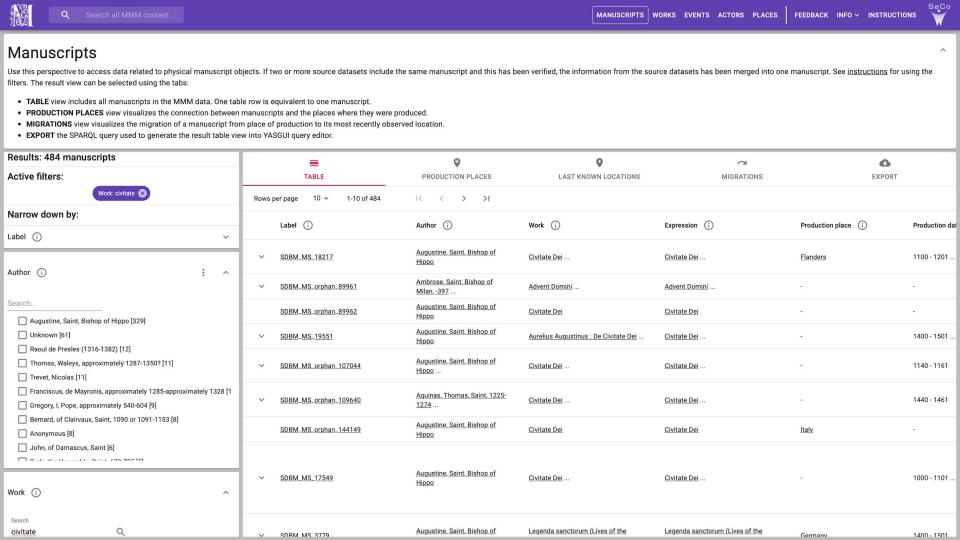


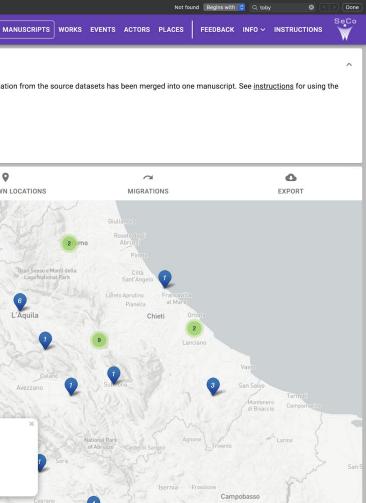








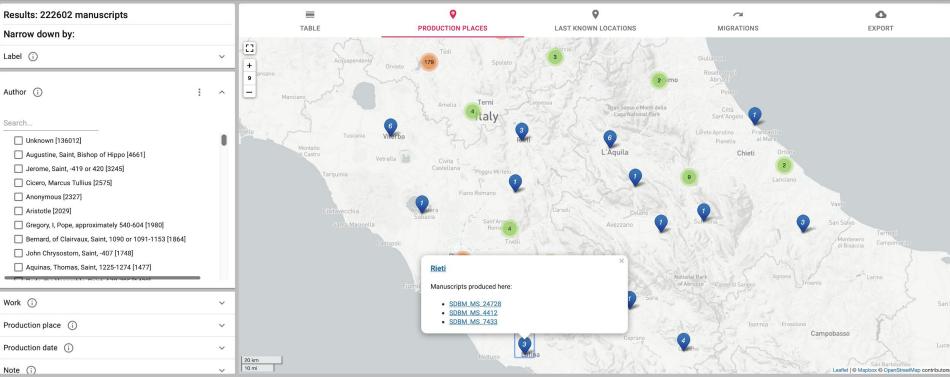




Manuscripts

Use this perspective to access data related to physical manuscript objects. If two or more source datasets include the same manuscript and this has been verified, the information from the source datasets has been merged into one manuscript. See instructions for using the filters. The result view can be selected using the tabs:

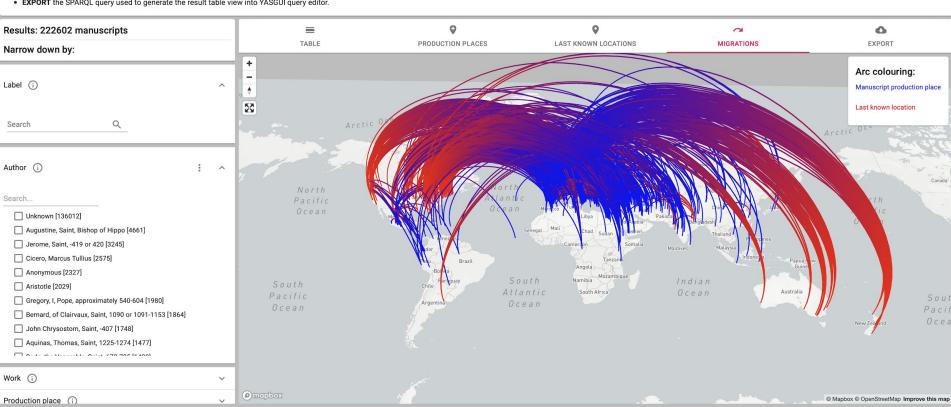
- . TABLE view includes all manuscripts in the MMM data. One table row is equivalent to one manuscript.
- PRODUCTION PLACES view visualizes the connection between manuscripts and the places where they were produced.
- . MIGRATIONS view visualizes the migration of a manuscript from place of production to its most recently observed location.
- . EXPORT the SPARQL query used to generate the result table view into YASGUI query editor.



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MANUSCRIPTS WORKS EVENTS ACTORS PLACES

SeCo FEEDBACK INFO V INSTRUCTIONS

Use this perspective to access data related to events associated with the histories of manuscripts and manuscript collections over the centuries. See instructions for using the filters. The result view can be selected using the tabs:

- . TABLE view includes all events in the MMM data.
- . MAP view visualizes the events that have location information on a map.
- EXPORT the SPARQL query used to generate the result table view into YASGUI query editor.

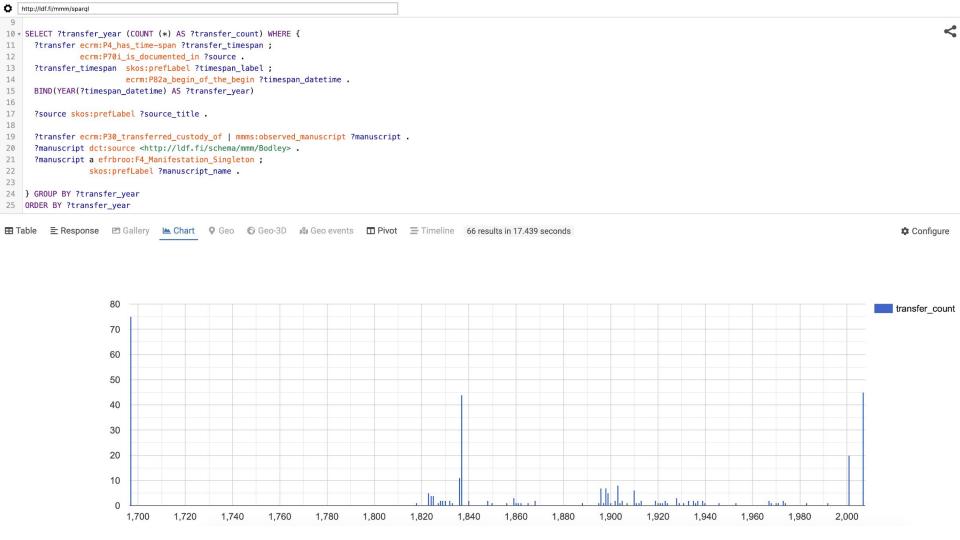


Actors

This perspective provides access to data related to the persons and institutions who impacted the production or dissemination of manuscripts and works. Actors include authors of works, artists and scribes who produced manuscripts, and the individual owners and institutions who bought or sold manuscripts. If two or more source datasets include the same Actor and this has been verified, the information from the source datasets has been merged into one Actor. See instructions for using the filters. The result view can be selected using the tabs:

- TABLE view includes all Actors in the MMM data.
- MAP view visualizes the connection between Actors and the places where they lived or were located.
- EXPORT the SPARQL query used to generate the result table view into YASGUI query editor.





Mapping Manuscript Migrations

MMM Portal: https://mappingmanuscriptmigrations.org/

More information at: http://blog.mappingmanuscriptmigrations.org/

Twitter: @MSMigrations

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