



Digital Scriptorium 2.0

**A National Union Catalog of Premodern Manuscripts
in North American Collections for the Digital Age**

2021 Annual Meeting Update



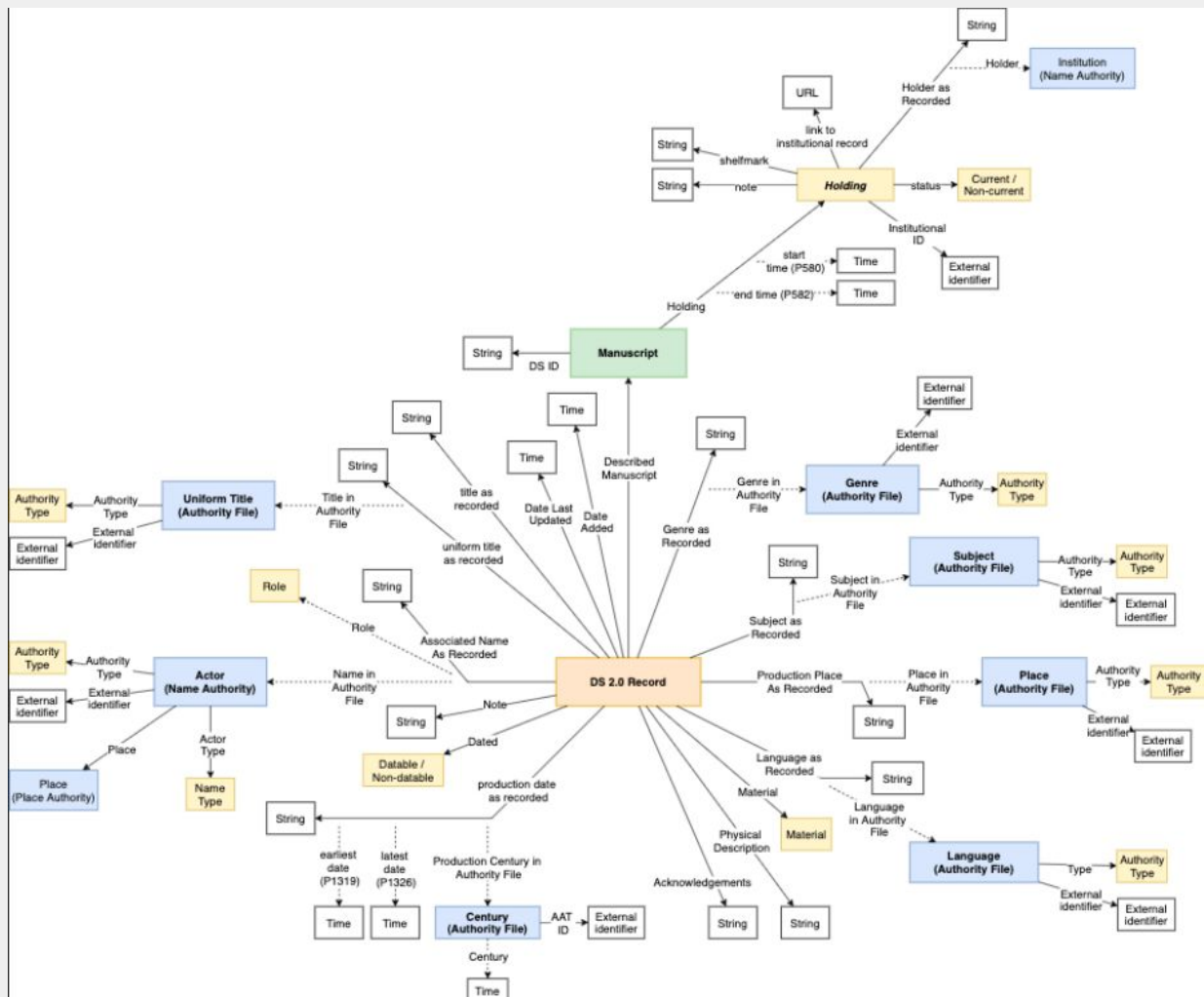
The Schoenberg Institute
for Manuscript Studies
UNIVERSITY of PENNSYLVANIA LIBRARIES

Bringing manuscript culture, modern technology and people together



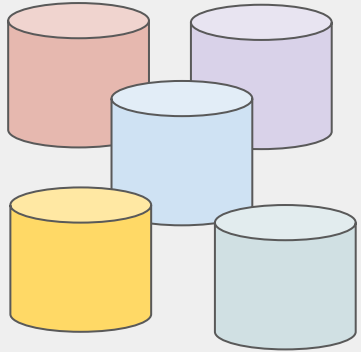
DS 2.0 Update

- IMLS Planning Year completed (August 2020-July 2021)
 - 3 project reports, Environmental Scan, Current Data Assessment, all available on DS website
 - 2 stakeholder meetings, recordings available on DS YouTube channel
 - Thank you to all of our member reps who have responded to multiple surveys and requests for information over the planning year!
- Bridge Year has begun (August 2021-July 2022)
 - Thank you E.C. and our bridge year funders!
 - Bridge Year = funding for continued project management and prototype development of DS 2.0 database
 - This is backend development; the DS 2.0 website and user interface will not appear until Implementation phase (beginning August 2022, hopefully with IMLS funding)

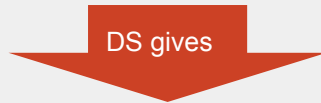
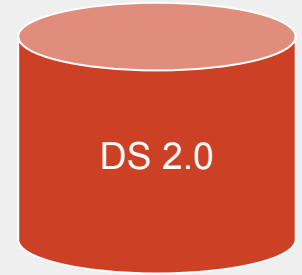
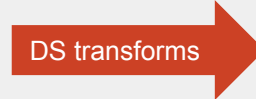
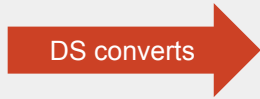




Vision for DS 2.0



Members' structured data





DS Ingestion process

- Accept source data in multiple formats (spreadsheets, XML, APIs?)
- Convert data to a common CSV format for OpenRefine upload
- Clean and enhance data, linking to authorities
- Ingest into DS Wikibase instance



MARC

franklin.library.upenn.edu/catalog/FRANKLIN_9950569233503681

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Franklin

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Kitāb al-Adwār fī al-mūsīqā. = كتاب الادوار في الموسيقى.

Author/Creator: [Urmawī, 'Abd al-Mu'min ibn Yūsuf, approximately 1216-1294.](#)
متلي 12161294 (ارموي، عبد المؤمن بن يوسف، اير)

Publication: [between 1500 and 1599?]

Format/Description: Manuscript
12 leaves : paper, illustrations ; 235 x 165 (200 x 135) mm bound to 244 x 176 mm.

Online: [Facsimile](#)
<http://hdl.library.upenn.edu/1017/d/medren/5056923>

[Digital facsimile in OPenn](#)
<http://openn.library.upenn.edu/Data/0001/html/ljs235.html>

[Video orientation](#)
<http://hdl.library.upenn.edu/1017.12/1502732>

Status/Location: **Available** Kislak Center for Special Collections - Manuscripts LJS 235

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MARC

Franklin

Staff View ×

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008 940923q15001599xx a 000 0 ara d

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035 al (OCoLC)122584676

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035 al (PU)5056923-penndb-Voyager

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100 1 6l 880-01 al Urmawī, 'Abd al-Mu'min ibn Yūsuf, dl approximately 1216-1294.

880 1 6l 100-01//r al ارموي، عبد المؤمن بن يوسف، dl متلي 12161294

240 1 0 6l 880-02 al Adwār

880 1 0 6l 240-02//r al ادوار

245 1 0 6l 880-03 al Kitāb al-Adwār fī al-mūsīqā.

880 1 0 6l 245-03//r al كتاب الادوار في الموسيقى.

246 3 0 6l 880-04 al Adwār fī al-mūsīqā

880 3 0 6l 246-04//r al ادوار في الموسيقى

Bookmarks (0)

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everything

أ. = موسيقى

د al-Mu'min i

ارموي، عبد المؤمن

00 and 1599

paper, illustrat

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OPenn TEI

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Collection ID: 0023 | [Metadata type: TEI](#) | [TEI XML](#) | [Data](#)

Lewis E 115 Book of Hours, Use of Rome

Title

Book of Hours, Use of Rome

Other related names

- Lewis, John Frederick, 1860-1932, former owner (<http://viaf.org/viaf/63874811/>)

Funders

- Council on Library and Information Resources

Call number

Lewis E 115
(Philadelphia, United States, Free Library of Philadelphia, John Frederick Lewis Collection of European Manuscripts)

Alternate identifiers

Hosted by the University of Pennsylvania Libraries




OPenn TEI

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    ▼<msIdentifier>
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      <settlement>Philadelphia</settlement>
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      ▼<altIdentifier type="deRicci">
        <idno>94</idno>
      </altIdentifier>
    </msIdentifier>
    ▼<msContents>
      ▼<summary>
        This compact Italian Book of Hours is illustrated with sixteen large miniatures facing the incipit pages sections, as well as two historiated initials. Its sequence of miniatures for the Hours of the Virgin div narrative. The book also contains a complete sequence of Passion miniatures for the Long and Short Hours miniatures for the Office of the Dead.
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        </respStmt>
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      ▼<msItem n="[Flyleaf 1 verso]">
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DS METS

digital-scriptorium.org/xtf3/search?rmode=digscript;smode=basic;text=P1035;docsPerPage=10



Digital Scriptorium

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Wellesley, Wellesley College, Special Collections, P1035

Description: - 18th c. green vellum - Augustinus de Cagnolis, Conte Donato Silva, Conte Ercole Silva, Marchese Girolamo d'Adda - DeRicci I, 1078; Jackson, p. 410-412; Raffaella, L. Maffeo Vegio, Elenco delle Opere (Bologna, 1909)

Notes: -Milan (catalogue, 1902, p. 11, nr. 10). C. Fairfax Murray collection. T. De Marinis, Cat. VIII (1908), n. 19; T. De Marinis sale (Milan, 17 June 1926, n. 236, pl XVIII) to Martini;

Number of Parts: 1 - *Number of Images Available:* 423

Direct Link: http://ds.lib.berkeley.edu/P1035_50

Language: Country: Italy Century: 15th

: <http://luna.wellesley.edu/record=b3304399~S1>

Part 1: ff.206

Description: - paper - mountain - 290 x 200 mm - single column, 37 lines

<i>Country:</i> Italy	<i>Cardinal point:</i>
<i>Region:</i>	<i>City:</i> Verona
<i>Assigned Date:</i> s. XV med	<i>Searchable Date Range:</i> 1449 - 1449
<i>Dated by scribe:</i> Yes	<i>Inscribed Date:</i>
<i>Document:</i> No	<i>Number of Scribes:</i> ;

Script: humanistic bookhand

Other Decoration: 7-line red initial at beginning of Inferno, similar initials lacking for the other two books, 3-line red initials at the beginning of each Canto, tercet initials stroked red.

Notes: roman

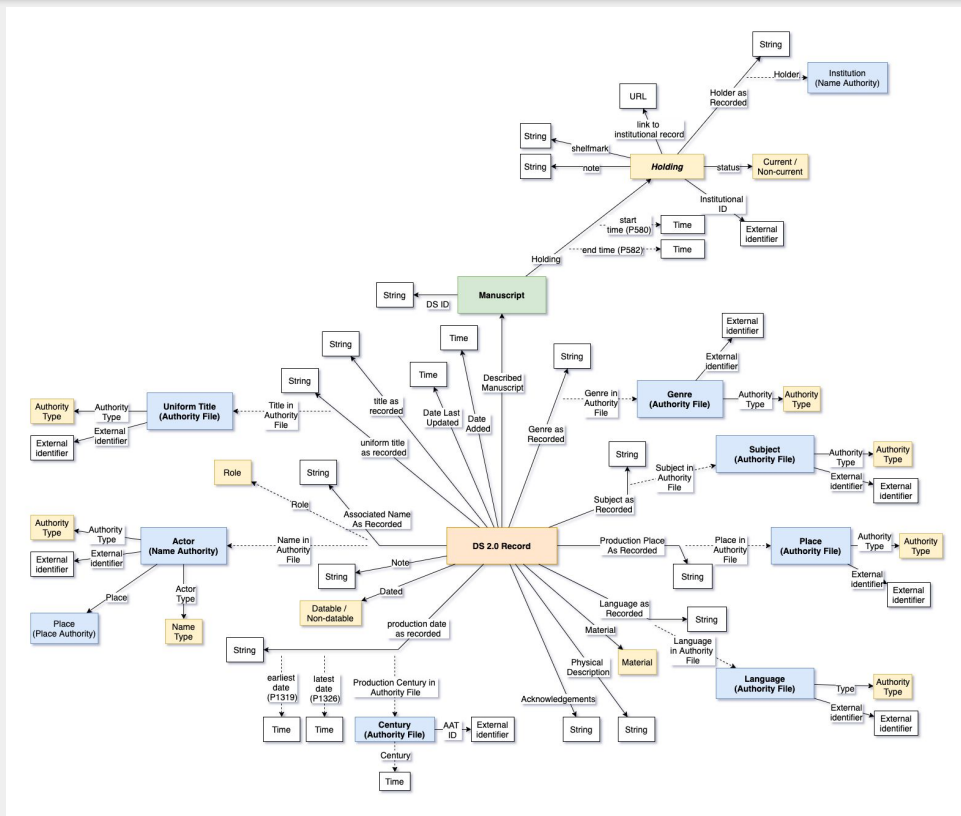
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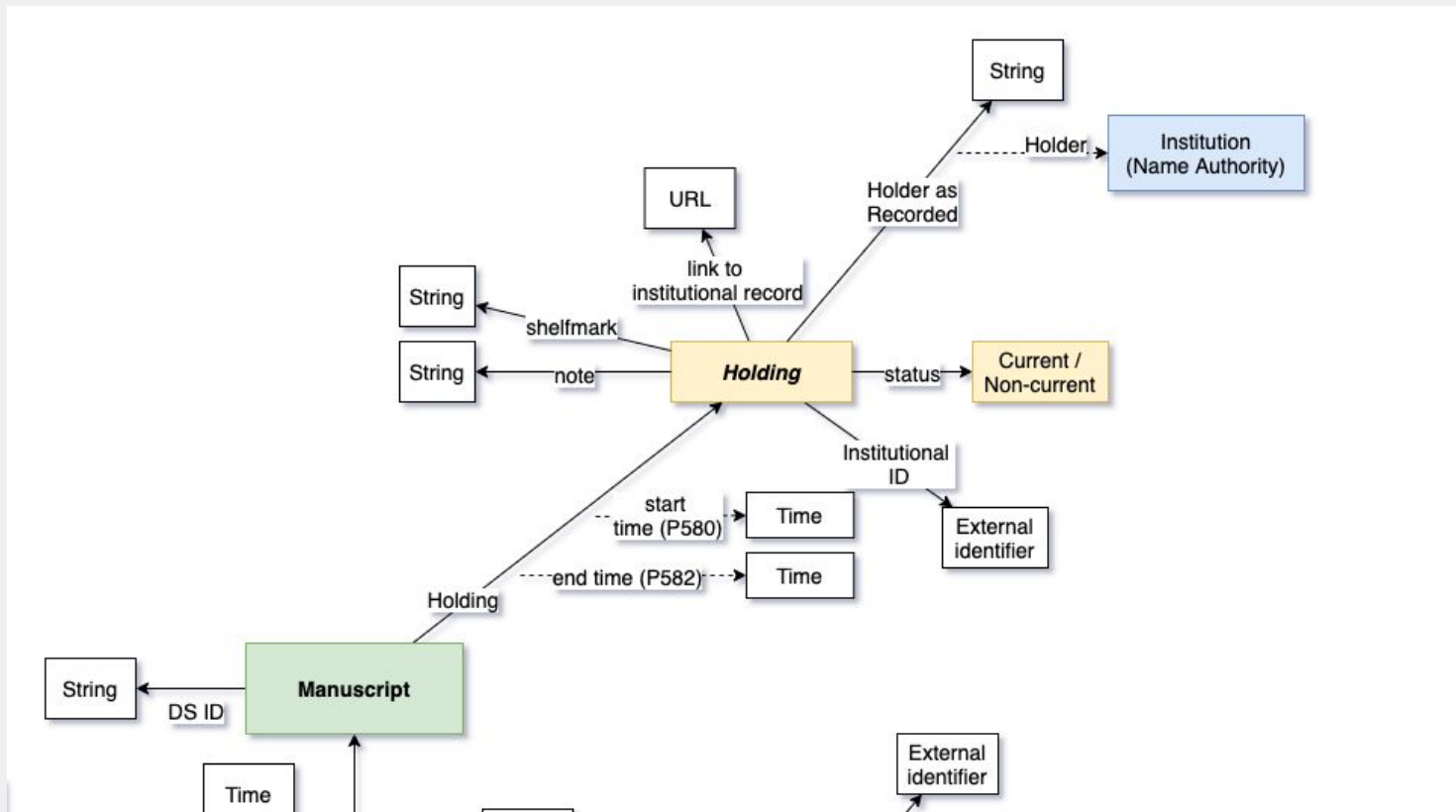
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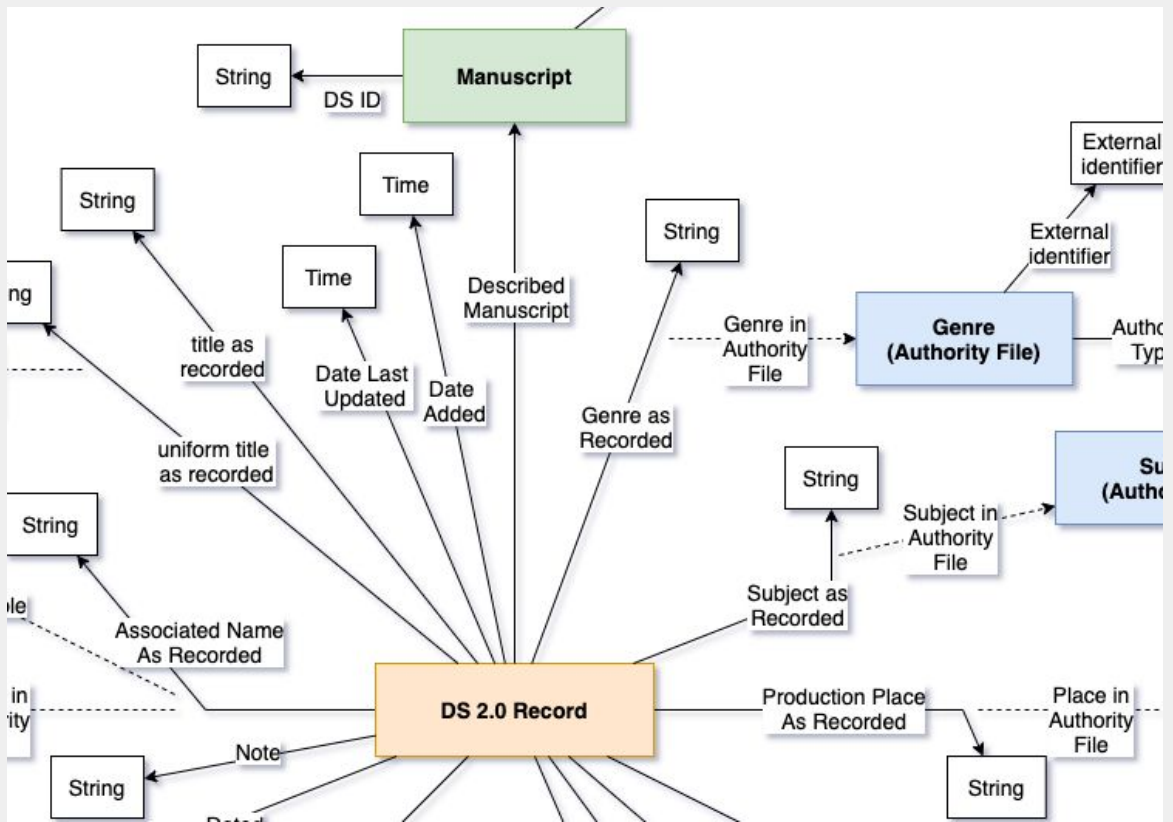
Title: Divina Commedia

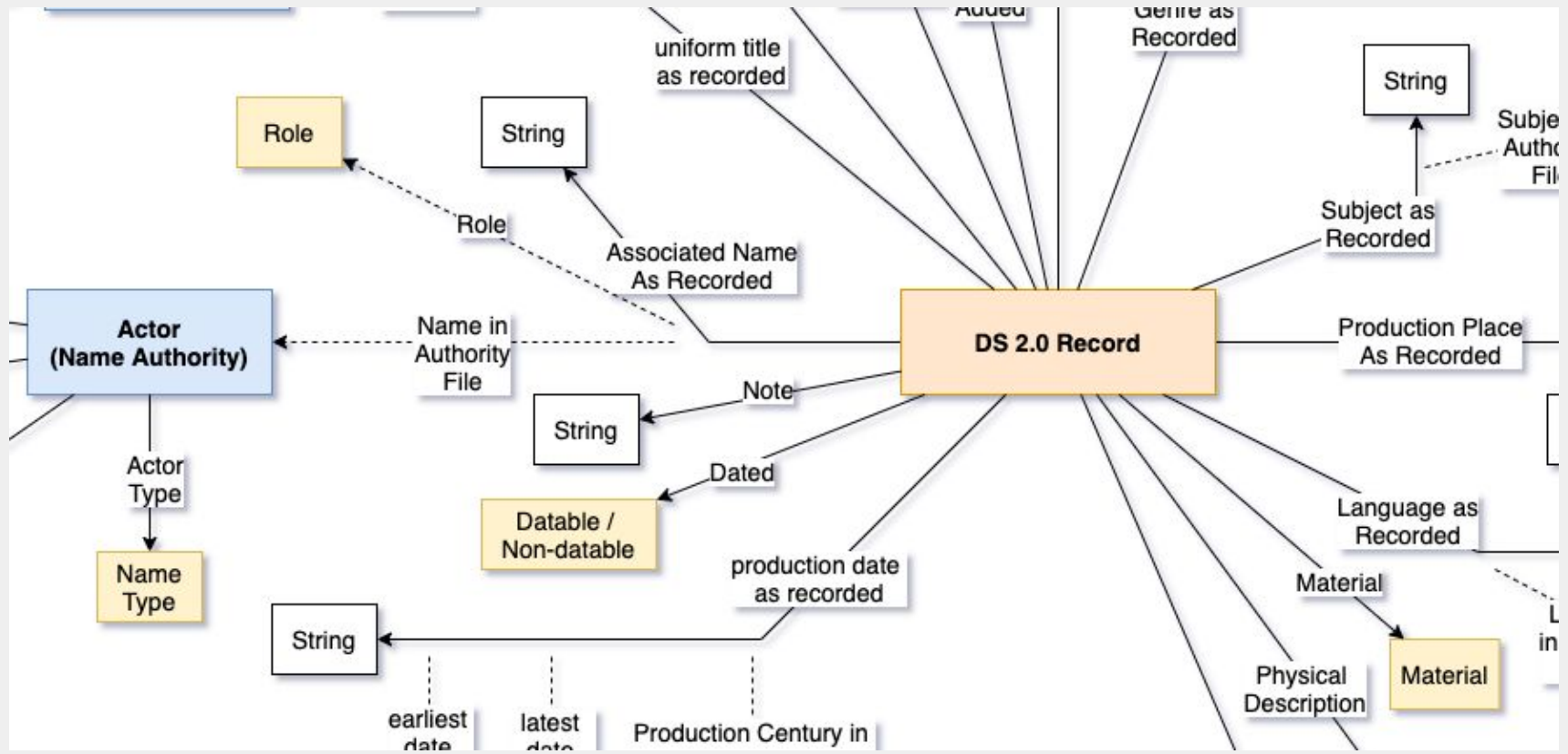
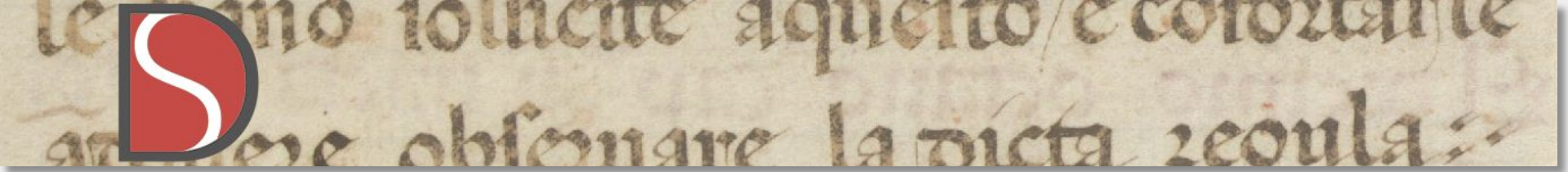
Language(s):

Incipit: Nel mese del camin di nostra vita... (f.1r)











A	B	C	D
Data Field	Definition	Data type	Potential DC Terms Alignments
Holding Institution		Authority file (VIAF?)	source
Holding Institution ID number (shelfmark, call number, etc)	Holding institution's identifier for the manuscript	alphanumeric	identifier
(Perma)Link to Holding Institution's record	URL to holding institution's catalog description of the manuscript	purl or url	relation
Production Place As Recorded	Location where the manuscript was produced		spatial-coverage
Production Place		Authority file (Getty TGN?)	
Production Date As Recorded			
Production Date	Date when the manuscript was produced	numeric (ISO)	date
Century	Century when the manuscript was produced	Authority File (AAT)	
Dated	DS has agreed to be US supplier of info for the dated and datable ms project for this group: http://www.palaeographia.org/cipl/cipl.htm We are only responsible for saying "yes/no" if a ms is dated or datable	Checkbox y/n	



	D	E	F	G	H
1	holding_institution_as_recorded	holding_institution_id_number	source_type	holding_institution	link_to_holding_institut i
6	University of Pennsylvania	LJS 102 9959647633503681	marc-xml	https://www.wikidata.org/wiki/Q49117	https://franklin.library.uper t
7	University of Pennsylvania	Ms. Coll. 990 9965025663503681	marc-xml	https://www.wikidata.org/wiki/Q49117	https://franklin.library.uper t
8	University of Pennsylvania	Ms. Coll. 591 Folder 44 9976106713503681	marc-xml	https://www.wikidata.org/wiki/Q49117	https://franklin.library.uper t
9	Free Library of Philadelphia	Lewis E 115	openn-tei	https://www.wikidata.org/wiki/Q3087288	
10	Free Library of Philadelphia	Widener 5	openn-tei	https://www.wikidata.org/wiki/Q3087288	https://know.freelibrary.org/
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18	University of Missouri	Fragmenta Manuscripta 039	digital-scriptorium	https://www.wikidata.org/wiki/Q579968	
19	University of Missouri	Fragmenta Manuscripta 062	digital-scriptorium	https://www.wikidata.org/wiki/Q579968	
20	Nelson-Atkins Museum of Art	KG 23	digital-scriptorium	https://www.wikidata.org/wiki/Q1976985	
21	Wellesley College	P1035	digital-scriptorium	https://www.wikidata.org/wiki/Q49205	http://luna.wellesley.edu/re
22	City College of New York	MS 1	digital-scriptorium	https://www.wikidata.org/wiki/Q1093910	
23					



[Sample DS 2.0 spreadsheet](#)
[Source code with sample data](#)



DS 2.0 Wikibase Prototype

- Wikibase = open source database software, used by many different projects
- Wikidata = a WikiMedia project powered by Wikibase software
- DS 2.0 database = a DS project powered by Wikibase software
- The DS 2.0 database records may look similar to Wikidata records, but they are completely separate projects.
 - Wikidata and DS 2.0 are not integrated. You cannot search for DS 2.0 records in Wikidata.
 - We will be able to link our DS MS IDs and Name authority files to Wikidata in the future.



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Item [Discussion](#)

[Zena nagaromu and hymns] (ds614) (Q292)

No description defined [edit](#)

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Language	Label	Description	Also known as
English	[Zena nagaromu and hymns] (ds614)	No description defined	
Hebrew	No label defined	No description defined	
Finnish	No label defined	No description defined	
German	No label defined	No description defined	

Statements

DS ID	ds614 edit 0 references + add reference + add value
language as recorded	Ethiopic. edit 0 references + add reference + add value



In other languages

[Add links](#)

Statements

DS ID	ds614	
	- 0 references	+ add reference
		+ add value
language as recorded	Ethiopic.	
	- 0 references	+ add reference
		+ add value
physical description	100 leaves : parchment ; 135 x 102 (83 x 80) mm. bound to 140 x 115 mm.	
	- 0 references	+ add reference
		+ add value
production date as recorded	between 1900 and 1925]	
	- 0 references	+ add reference
		+ add value
Associated Name As Recorded	Schoenberg, Lawrence J.,	
	Role	Former Owner
	VIAF ID	283769030



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In other languages

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Item [Discussion](#)

[Zena nagaromu and hymns] (ds614) (Q292)

No description defined

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Language	Label	Description	Also known as
English	[Zena nagaromu and hymns] (ds614)	No description defined	
Hebrew	No label defined	No description defined	
Finnish	No label defined	No description defined	
German	No label defined	No description defined	

IIIF Presentation Manifest viewer provided by [Project Mirador](#). [Full view](#)

☰ [Zena nagaromu and hymns]; [manuscript].

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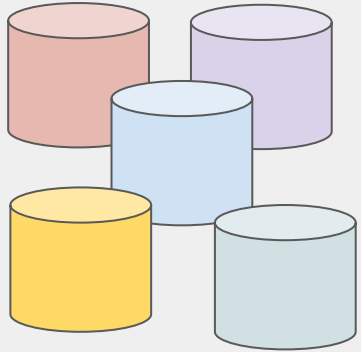


Bridge Year Timeline: August 2022-July 2021

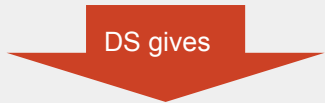
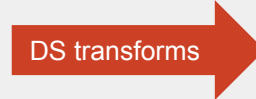
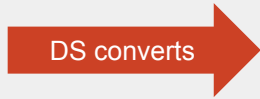
- September 2021: pre-proposal for implementation funding submitted to IMLS
- October 2021: 1000 test records in DS transition spreadsheet; development of data update workflow and authority management plan for MS IDs and Names
- November 2021: 1000 test records in transformation process (data harmonization, authority management, etc.)
- December 2021: 1000 test records in Wikibase prototype
- February 2022: invitation to submit full proposal to IMLS
- March 2022: full proposal due March 25
- May 2022: 1000 records in Beta
- June 2022: all DS legacy data in Beta (from institutions who are dependent on DS)
- July 2022: begin harvesting data from DS members with external data sources (MARC, TEI, etc.); notification of IMLS funding if awarded
- August 2022: Begin implementation of DS 2.0 with or without funding



Vision for DS 2.0



Members' structured data



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SDBM_NAME_22004

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Confirmed by 1 user

Disputed by 0 users

Name 'Abbās I, Shah of Iran, 1571-1629

VIAF ID 77109363

Start and End Dates 1571-01-27 to 1629-01-21

Places/Nationalities Iran

Name Type Personal

Sources This agent has been used as an agent 0 times in our sources

Provenance This agent is used in provenance 4 times in our entries

Possible De Ricci This name has no suggested possible links to any records in the De Ricci Archives.

Last Updated by Matthias Budisin on 2016-02-17 16:59:09 -0500



Leaflet | Map tiles by Stamen Design, CC BY 3.0 — Map data © OpenStreetMap

This is a timeline of all the **explicitly dated** instances where this name appears in a provenance chain. For 'Abbās I, Shah of Iran, 1571-1629, 2 out of 4 total provenance uses have explicit date information.



OTHER PUBLISHED SOURCE

SDBM 264893

<https://sdbm.library.upenn.edu/names/22004>



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SDBM_NAME_22004

Is this a real person?

Confirmed by 1 user

Disputed by 0 users

Name	'Abbās I, Shah of Iran, 1571-1629
VIAF ID	77109363
Start and End Dates	1571-01-27 to 1629-01-21
Places/Nationalities	Iran
Name Type	Personal
# Sources	This agent has been used as an agent 0 times in our sources
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Possible De Ricci	This name has no suggested possible links to any records in the De Ricci Archives.
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Leaflet | Map tiles by Stamen Design, CC BY 3.0 — Map data © OpenStreetMap

This is a timeline of all the **explicitly dated** instances where this name appears in a provenance chain.
For 'Abbās I, Shah of Iran, 1571-1629, 2 out of 4 total provenance uses have explicit date information.



OTHER PUBLISHED SOURCE

SDBM 264893

<https://sdbm.library.upenn.edu/names/22004>

Abbas the Great (Q171349)

Shah of Safavid Iran (1571-1629)

Abbas I of Safavids

[edit](#)

▼ In more languages

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Language	Label	Description	Also known as
English	Abbas the Great	Shah of Safavid Iran (1571-1629)	Abbas I of Safavids
Spanish	Abás el Grande	No description defined	Sah 'Abbās I el Grande Abas el Grande Abbas I el Grande Abbás el Grande Abbas I de Persia Abbas I de Persia شاه عباس بزرگ Abbas el Grande
Traditional Chinese	阿拔斯一世	No description defined	
Chinese	阿拔斯一世	No description defined	阿拔斯大帝

All entered languages

Statements

instance of

human

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► 1 reference

[+ add value](#)

image



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Wikipedia (69 entries) [edit](#)

als Abbas I. (Persien)

ar عباس الأول الصفوي

arz عباس الأول الصفوی

ast Abás el Grande

azb بیرینجی شاه عباس صفوی

az I Abbas

ba Ғәббәс I

be А́бас I Вялікі

bg Абас I Велики

bn প্রথম আব্বাস (পারস্য)

ca Abbas I el Gran

ckb شەھەبەسەیی یەكەم

cs Abbás I. Veliký

da Abbas 1. af Persien

de Abbas I. (Persien)

en Abbas the Great

es Abás el Grande

et 'Abbās I Suur

eu Abbas I.a Persiakoa

fa شاه عباس یکم

fi Abbas I

fr Abbas Ier le Grand

gl Abás I o Grande

he עבאס שאה הראשון

hi अब्बास प्रथम

hr Abas I.

hu I. Abbász perzsa sah

hy Աբբաս I Մեծի

id Abbas I dari Persia

is Abbas mikli

it 'Abbās I il Grande



```

1 SELECT ?item ?itemLabel ?id ?child ?childLabel ?grandchild ?grandchildLabel
2 WHERE {
3   BIND(wdt:P9756 AS ?hasSDBMID).
4   ?item ?hasSDBMID ?id .
5   ?item wdt:P40 ?child .
6   OPTIONAL {
7     ?child wdt:P40 ?grandchild .
8   }
9
10  SERVICE wikibase:label { bd:serviceParam wikibase:language "[AUTO_LANGUAGE]". }
11 }

```



12674 results in 11552 ms

<> Code



Search

item	itemLabel	id	child	childLabel	grandchild	grandchildLabel
Q171349	Abbas the Great	22004	Q19896262	Mohammad Baqer Mirza	Q355327	Safi of Safavi
Q320168	Abgar V	39045	Q21777960	Q21777960		
Q4668765	Abraham Bedersi	47089	Q959910	Jedaiah ben Abraham Bedersi		
Q330769	Abraham ben David of Posquières	3328	Q927296	Isaac the Blind		
Q2874503	Abraham ben Moses ben Maimon	4529	Q6126127	David HaNagid	Q62020349	Avraham HaNagid
Q329893	Abraham Cresques	4147	Q1686582	Jehuda Cresques		
Q18638282	Abraham des Amorie van der Hoeven	30339	Q2433668	Herman Agatho des Amorie van der Hoeven		



DS 2.0 Objectives

Established at the Beinecke Library DS 2.0 Planning Meeting
(February 2019)

- Be a member-supported National Union Catalog for all premodern manuscripts in North America
- Provide a low barrier to both the contribution and use of metadata and images for premodern manuscripts from all manuscript cultures
- Build upon a clear, adaptable, and scalable data model
- Employ linked and linkable data
- Support interoperability with other manuscript research projects at regional, national, and international levels
- Enable content contributors to maintain management and ownership of data while sharing in the continuing benefits of national collaboration



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Funded Implementation Plan

- Years 2-4: Implementation
 - Year 2: Complete beta testing, implement changes, add more test data, strengthen and build membership
 - Year 3:
 - Transfer data from members' institutional catalogs
 - Assist members in creating or updating manuscript data through postdoctoral and graduate student fellowship program
 - Develop manuscript description training program, with possible funding from the NEH Preservation and Access Training Grant Program
 - Year 4:
 - Continue adding member data
 - Implement NEH-funded manuscript description training program
 - Review membership requirements and roles to support DS 2.0 beyond implementation



Non-Funded Implementation Plan

We believe that we could at least (thanks to Bridge Year funding):

- Complete beta testing, implement changes, add more test data...but at a slower pace
- Transfer data from members' institutional catalogs
- ~~• Assist members in creating or updating manuscript data through postdoctoral and graduate student fellowship program~~
- Develop manuscript description training program, with possible funding from the NEH Preservation and Access Training Grant Program
- Continue adding member data
- ~~• Implement manuscript description training program~~
- Review membership requirements and roles to support DS 2.0 beyond implementation



Post-Implementation Plans

- Continued management of DS 2.0 at a host institution with a dedicated full-time Project Manager supported by membership fees
- Continued growing membership
- Build education programming for best practices in manuscript description in a digital age
 - NEH Preservation and Access Training Grant
 - <https://www.neh.gov/grants/preservation/preservation-and-access-education-and-training>



DS 2.0 Planning Project Acknowledgements

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