

# Integrating LOD into Library's Digitized Special Collections

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# Introduction

# Project Context

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- *Exploring the Benefits for Users of LOD for Digitized Special Collections*
  - ❑ 18-month exploratory study
  - ❑ Funded by the Andrew W. Mellon Foundation
- Digitized Library Special Collections
  - ❑ Many relegated to information silos largely disconnected from the broader Web
  - ❑ How can we better connect these special resources to the Web?
    - Can we use Linked Open Data to help us? If so, how hard is it to do?
- Objectives
  - ❑ Map legacy metadata schemas to LOD-compliant schemas
  - ❑ Actively link to and from DBpedia, VIAF, wikidata, and related Web resources

# Collections Tested

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- The Motley Collection of Theatre & Costume Design
  - ❑ About 5,000 images of costume and set designs, sketches, production notes, and similar objects
  - ❑ Represents a variety of objects from the Motley Group's career (1932-1976)
- Portraits of Actors, 1720-1920
  - ❑ Nearly 3,500 pictures of actors, including Sarah Siddons, Edmund Kean, and others
- Kolb-Proust Archive for Research
  - ❑ About 8,700 of Professor Philip Kolb's research notecards on Marcel Proust
    - A chronology of events concerning Proust's life
    - A bibliography of works mentioned in Proust's correspondences

# Schema.org as a Vehicle for Discovery

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- Industry-wide use by Web search engines
- Some promising schema's (e.g., Bibframe 2.0, etc.) were still under development at the time of the project's beginning
- Some existing schema's were considered to "heavy-weight" for the project's data needs and goals (e.g., FRBR<sub>00</sub>, CIDOC-CRM, etc.)
- Some existing schema's did not have wide-spread adoption (e.g., the SPAR family of ontologies)
- Were able to reuse previous library-oriented work (at UIUC and OCLC) with Schema.org

## Collections -

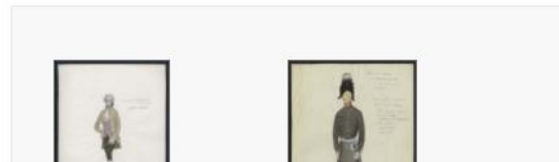
1. Motley Collection of Theatre and Costume Design  
(Portraits of Actors, 1720-1920)
2. Kolb-Proust Archive Collection

## Motley Collection of Theatre and Costume Design (New)



### Recent Additions

 [Receive updates for this collection](#)



### About this collection

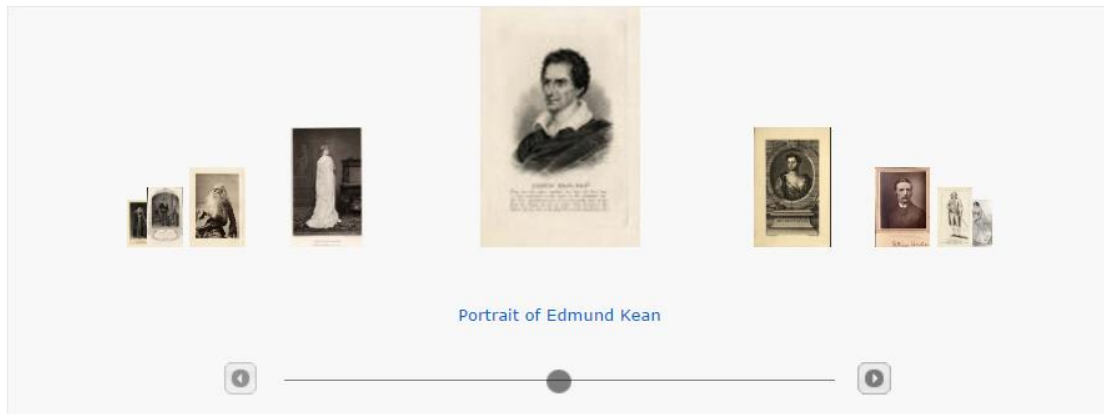
The Motley Collection of Theatre and Costume Design is housed in the University of Illinois Rare Book and Manuscript Library. It is a rich collection of theatrical productions in England and the United States, including storyboards, and swatches of fabric.

The Motley Group consisted of Margaret Harris from 1932 to 1976 for plays by Shakespeare and other playwrights at the West End of London, the Royal Shakespeare Company, and the Metropolitan Opera in New York City.

Their first work was for a 1932 production of Hamlet. They designed sets and costumes that suggested the mood that had been done so many times before. The Motley set the standard for how Shakespearean and Elizabethan theatre went to New York. After World War II, while Sophia Harris worked in London, where she designed the costumes for

After the members of the Motley Group had met Margaret Harris and expressed an interest in the collection, an agreement was reached in April, 1981, to purchase the collection and to preserve it intact for the benefit of

## Portraits of Actors, 1720-1920



Portrait of Edmund Kean

### About this collection

Portraits of Actors, 1720-1920, includes almost 3500 pictures of actors' studio portraits and actors posing in costume for a particular role or performing a scene from a play. Dramatists, theatrical managers, singers and musicians are also included, but the majority are British and American actors who worked between about 1770 and 1893. Among the hundreds of actors included are: Sarah Siddons, Edmund Kean, John Philip Kemble, Edwin Booth, Edwin Forrest, William Henry West Betty, Charles Mathews, Dorothy Jordan, Frances Abington, and Ada Rehan. The images were digitized from etchings, engravings, lithographs, mezzotints, aquatints, wood engravings, photographs, and photomechanically-reproduced prints, all from the University of Illinois Theatrical Print Collection.

### Recent Additions

 [Receive updates for this collection](#)



William Charles Maccready as Hamlet in a scene from "Hamlet"



Jennie Lee as Jo in "Jo" (adaptation of "Bleak House")



Sir Henry Irving as Hamlet in "Hamlet"



Charles Dillon as Othello in "Othello"

# 1914: Sergeant and Grocer

[View Description](#)

## Description

Rating ★★★★★ Based on 0 rating(s)

Image Title [1914: Sergeant and Grocer](#)Performance Title [Unknown Soldier and His Wife](#)Author / Composer [Ustinov, Peter](#)Theater [Vivian Beaumont Theater \(New York, N.Y.\)](#)Opening Performance Date [1967](#)Object [Costume rendering](#)Type [Image](#)Material/Techniques [Felt tip pen](#)Dimensions [11 3/4 x 8 1/4](#)

**Notes** This production also played in Lyons, London, and Stratford (Connecticut) - the same designs were used for later productions. The actors' names on the designs do not match the cast list of the original production because they were inserted on the designs later, in pencil, and indicate a later cast. Notes on some of the designs are in French, perhaps added during the Lyons production, "Soldat Inconnu". Some costumes are dated "Motley 72", and may have been new renderings prepared specifically for a later production.; See also 3 CRs under 730111 and the same title. These three designs (Wife, Arab and Barbarian) belong to this batch, two of them being dated "Motley 68"

**Subject I (AAT)** [costume design](#)  
[costumes \(character dress\)](#)

**Subject II (TGMI)** [Theatrical productions](#)  
[Costume design drawings](#)

**Subject (LCSH)** [Theater--History](#)

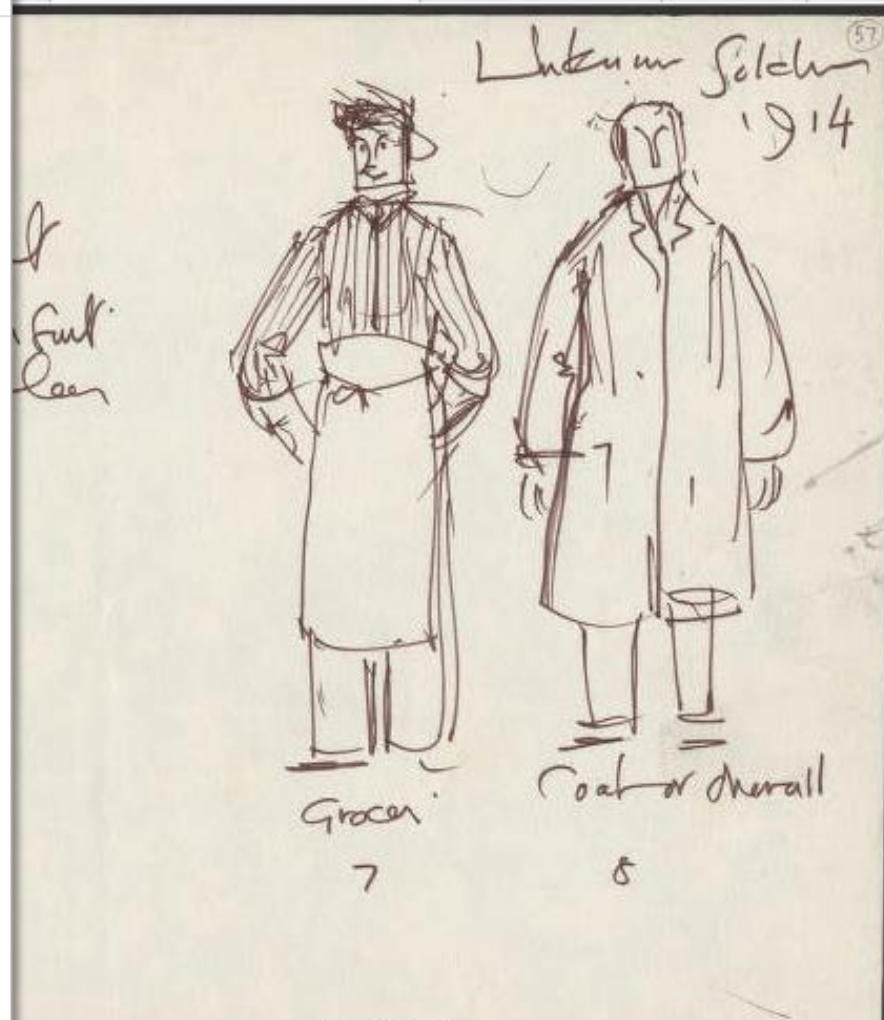
**Rights** Rare Book and Manuscript Library, University of Illinois at Urbana-Champaign; For questions regarding these materials, please contact the Rare Book and Manuscript Library: <https://illinois.edu/fb/sec/7016277>

**Physical Location** University of Illinois at Urbana-Champaign. Rare Book and Manuscript Library

**Inventory Number** [670706-057](#)

**JPEG2000 URL** [http://varuna.grainger.illinois.edu/motley/jp2/670706\\_057.jp2](http://varuna.grainger.illinois.edu/motley/jp2/670706_057.jp2)

**Collection Title** [Motley Collection of Theatre and Costume Design \(University of Illinois at Urbana-Champaign Library\)](#)





<b>Description</b>	
<b>Rating</b>	★★★★★ Based on 0 rating(s)
<b>Image Title</b>	1914: Sergeant and Grocer
<b>Performance Title</b>	Unknown Soldier and His Wife
<b>Author / Composer</b>	Ustinov, Peter
<b>Theater</b>	Vivian Beaumont Theater
<b>Opening Performance Date</b>	1967
<b>Object</b>	Costume rendering
<b>Type</b>	Image
<b>Material/Techniques</b>	Felt tip pen
<b>Dimensions</b>	11 3/4 x 8 1/4
<b>Notes</b>	This production also played in Lyons, London, and Stratford (Connecticut) - the names on the designs do not match the cast list of the original production because they indicate a later cast. Notes on some of the designs are in French, perhaps added during the production. These three designs (Wife, Arab and Barbarian) by Peter Ustinov are dated "Motley 72", and may have been new renderings prepared for the production of "The Unknown Soldier" in 1967. These three designs (Wife, Arab and Barbarian) by Peter Ustinov are dated "Motley 72", and may have been new renderings prepared for the production of "The Unknown Soldier" in 1967.
<b>Subject I (AAT)</b>	costume design costumes (character dress)
<b>Subject II (TGMI)</b>	Theatrical productions Costume design drawings
<b>Subject (LCSH)</b>	Theater--History
<b>Rights</b>	Rare Book and Manuscript Library Rare Book and Manuscript Library
<b>Physical Location</b>	University of Illinois at Urbana-Champaign. Rare Book and Manuscript Library
<b>Inventory Number</b>	670706-057
<b>JPEG2000 URL</b>	<a href="http://varuna.grainger.illinois.edu/motley/jp2/670706_057.jp2">http://varuna.grainger.illinois.edu/motley/jp2/670706_057.jp2</a>
<b>Collection Title</b>	Motley Collection of Theatre and Costume Design (University of Illinois at Urbana-Champaign)

**Performance Title** Unknown Soldier and His Wife

**Author / Composer** Ustinov, Peter

**Performance Title** Unknown Soldier and His Wife

**Type** Image

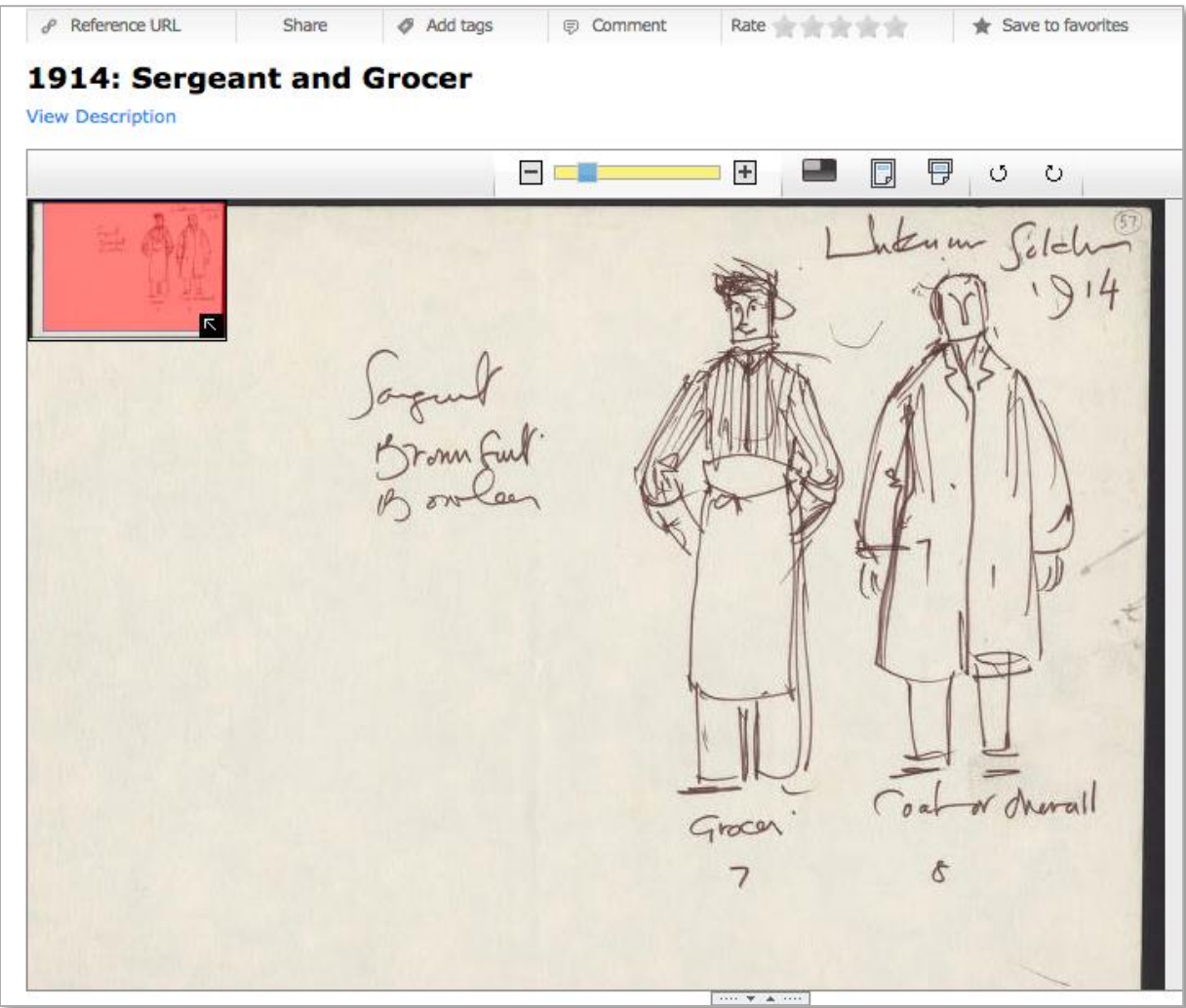
**Theater** Vivian Beaumont Theater (New York, N.Y.)

**Opening Performance Date** 1967

**Notes** This production also played in Lyons, London, and Stratford (Connecticut) - the names on the designs do not match the cast list of the original production because they indicate a later cast. Notes on some of the designs are in French, perhaps added during the production. These three designs (Wife, Arab and Barbarian) by Peter Ustinov are dated "Motley 72", and may have been new renderings prepared for the production of "The Unknown Soldier" in 1967. These three designs (Wife, Arab and Barbarian) by Peter Ustinov are dated "Motley 72", and may have been new renderings prepared for the production of "The Unknown Soldier" in 1967.

**Inventory Number** 670706-057

**JPEG2000 URL** [http://varuna.grainger.illinois.edu/motley/jp2/670706\\_057.jp2](http://varuna.grainger.illinois.edu/motley/jp2/670706_057.jp2)



**<schema:VisualArtWork>**

<schema:name>1914: Sergeant and Grocer

<schema:genre>Costume rendering

<schema:isPartOf>

**<schema:CreativeWork> (StageWork)**

<schema:locationCreated> <http://viaf.org/viaf/140952057>

<schema:sameAs><https://...>

<schema:dateCreated>1967

<schema:exampleOfWork>

**<schema:Book>**

<schema:name> Unknown Soldier and ...

<schema:author><http://viaf.org/viaf/98273667>

<schema:sameAs><http://theatricalia.com/person/r85/peter-ustinov>

**<schema:VisualArtWork>**

<schema:name>1914: Sergeant and Grocer

<schema:genre>Costume rendering

<schema:isPartOf>

**<schema:CreativeWork> (StageWork)**

<schema:locationCreated><http://viaf.org/viaf/140952057>

<schema:sameAs><https://...>

<schema:dateCreated>1967

<schema:exampleOfWork>

**<schema:Book>**

<schema:name> Unknown Soldier and ...

<schema:author><http://viaf.org/viaf/98273667>

<schema:sameAs><http://theatricalia.com/person/r85/peter-ustinov>

```
@type: "VisualArtwork",
name: "1914: Sergeant and Grocer",
genre: "Costume rendering",
artform: "Image",
```

```
@type: "CreativeWork",
additionalType: "scp:StageWork",
exampleOfWork: {
  @type: "Book",
  sameAs: [ ],
  @id: "https://en.wikipedia.org/wiki/The\_Unknown\_Soldier\_and\_His\_Wife",
  dateCreated: "http://viaf.org/viaf/98273667"
},
locationCreated:
{
  sameAs:
  [
    {
      @id: "https://en.wikipedia.org/wiki/List\_of\_names\_of\_09004953",
      sameAs: "http://theatricalia.com/person/r85/peter-ustinov"
    },
    {
      @id: "https://en.wikipedia.org/wiki/Vivian\_Beaumont\_Theater"
    }
  ]
}
```

# Metadata for Motley Collection

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- Metadata structure is flat
- Metadata describes more than one 'object'
- Element name includes contextual information
- Multiple values can be included in a single element
- Use a specialized/local controlled vocabulary

## Collections –

1. Motley Collection of Theatre and Costume Design  
(Portraits of Actors, 1720-1920)
2. Kolb-Proust Archive Collection





TEI

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <TEI xml:id="c69410">
3   <teiHeader type="text" status="new" TEIform="teiHeader"> [12 lines]
16 <text>
17   <body>
18     <div1 id="c69410" org="uniform" part="N" sample="complete" type="card">
19       <head>
20         <date value="19131112">1913 mercredi soir 12 novembre</date>
21       </head>
22       <div2 org="uniform" part="N" sample="complete" type="subdiv">
23         <p>
24           <name key="proust1" nymRef="Proust, Marcel; pseud. Horatio">Proust</name> écrit à
25             <name key="calmet1" nymRef="Calmette, Gaston">Calmette</name> pour faire
26             annoncer <title>Swann</title>, se plaignant: "... mes derniers articles avaient
27             paru vous avoir été à charge, si bien que j'ai renoncé à finir la série [en 1912].
28             D'autre part, <name key="chevas1" nymRef="Chevassu, Francis">M. Chevassu</name>
29             n'a pas pris ceux que j'avais envoyés cette année (ils étaient trop longs) pour le
30             <emph>Supplément</emph>. C'est pourquoi je me suis contenté d'envoyer aux
31             <title level="j">Annales</title> et au <title level="j">Temps</title> des
32             extraits qui y paraîtront."</p>
33         <listBibl default="NO">
34           <bibl default="NO">à <name key="calmet1" nymRef="Calmette, Gaston">Gaston
35             Calmette</name>, Cor XII, p. 308, n. 142 [Le mercredi soir 12 novembre
36             1913]</bibl>
37         </listBibl>
38       </div2>
39     </div1>
40   </body>
41 </text>
42 </TEI>
43
```



# The Kolb-Proust Archive for Research

Search: **plaignant** in the full text [\[X\]](#)  
**Calmette, Gaston (calmet1)** in subject [\[X\]](#)

 [RSS](#) | [Modify Search](#) | [New Search](#)

Results: 1 Item

Browse by [Facet](#) | [Title](#) | [Author](#)

Sorted by:

Page: 1

## Preferred Name

- [Calmette, Gaston](#) [\[X\]](#)
- [Chevassu, Francis](#) (1)

## Date

- ⊕ [1913](#) (1)

## Type

- [Chronology](#) (1)

1

Date:1913 mercredi soir 12 novembre

[Proust](#) écrit à [Calmette](#) pour faire annoncer *Swann*, se plaignant: "... mes derniers articles avaient paru vous avoir été à charge, si bien que j'ai renoncé à finir la série [en 1912]. D'autre part, [M. Chevassu](#) n'a pas pris ceux que j'avais envoyés cette année (ils étaient trop longs) pour le Supplément. C'est pourquoi je me suis contenté d'envoyer aux *Annales* et au *Temps* des extraits qui y paraîtront."

à [Gaston Calmette](#), Cor XII, p. 308, n. 142 [Le mercredi soir 12 novembre 1913]

Record:c69410



# Partial Mapping of TEI Document Elements

TEI	Schema
div1 @id	schema:Dataset
	schema:author < <a href="http://viaf.org/44300868">http://viaf.org/44300868</a> >
	schema:inLanguage "fr"
->head->date @value	schema:temporalCoverage [schema:DateTime]
->div2->p->name ->div2->note->name	schema:mentions [schema:Person]
->div2->p->title ->div2->note->title	schema:mentions [schema:CreativeWork]
->div2->(listBibl)->bibl	schema:citation [schema:CreativeWork]

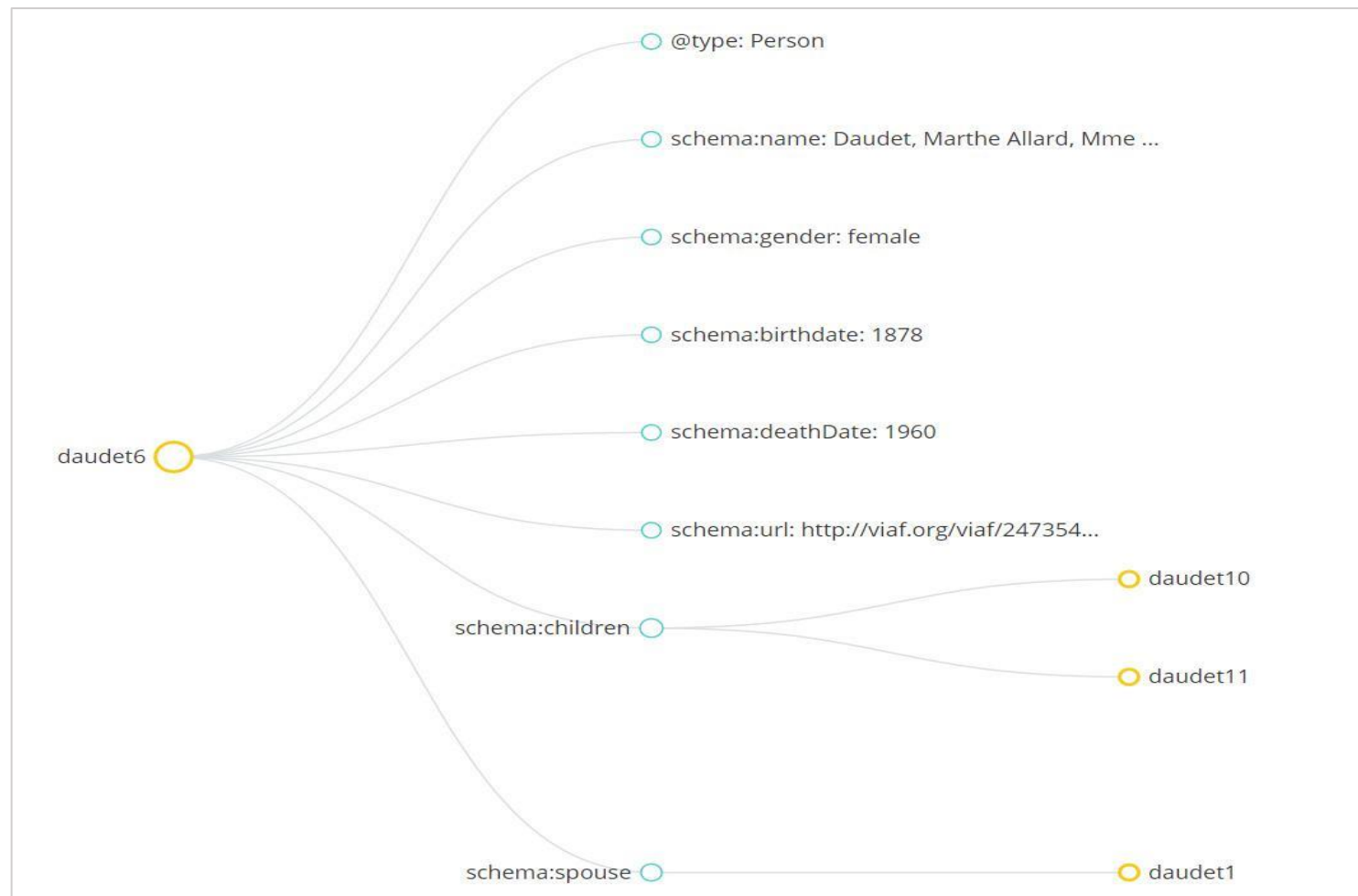
# Encoding Name Database

Full Name	KeyCode	Info
Daudet, Léon	daudet1	1868-1942, fils aîné d'Alphonse Daudet
Daudet, Marthe Allard, Mme Léon; pseud. Pampille	daudet6	<b>1878-1960, cousine et 2ème femme de Léon Daudet, mariée en 1903</b>
Daudet, Philippe	daudet10	?-1923, fils de Léon Daudet
Daudet, Claire-Antoinette	daudet11	1918- ; fille de Marthe (née Allard) et Léon Daudet (LJP)

- schema:familyName
- schema:givenName
- schema:birthDate
- schema:deathDate
- schema:gender
- schema:nationality
- schema:knows
- schema:spouse
- schema:children
- schema:parent
- schema:sibling
- schema:relatedTo
- schema:jobTitle

## Daudet, Marthe Allard (*daudet6*) -- 1878-1960, cousine et 2ème femme de Léon”

Full Name	KeyCode	Info
Daudet, Léon	daudet1	1868-1942, fils aîné d'Alphonse Daudet
Daudet, Marthe Allard, Mme Léon; pseud. Pampille	<b>daudet6</b>	<b>1878-1960, cousine et 2ème femme de Léon Daudet, mariée en 1903</b>
Daudet, Philippe	daudet10	?-1923, fils de Léon Daudet
Daudet, Claire-Antoinette	daudet11	1918- ; fille de Marthe (née Allard) et Léon Daudet (LJP)



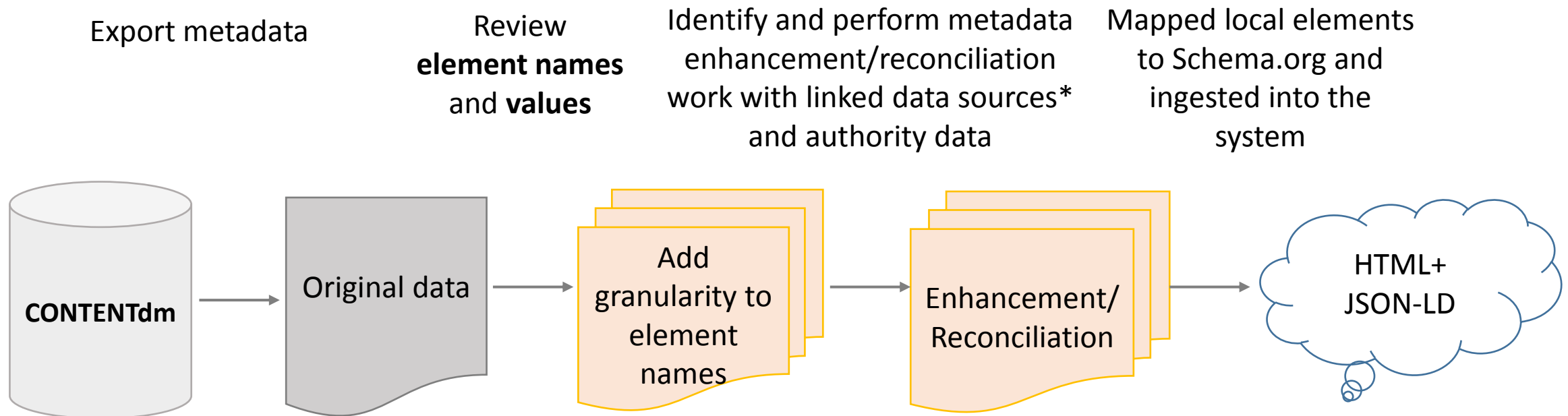
# Mapping Challenges for Special Collections

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- Target vocabulary (Schema) still missing some key entities
  - Specifically no way to differentiate the production of a play from the individual performances
  - Solved by locally extending Schema
- Many entities are not currently listed in linked data sources
  - For Kolb-Proust we assigned URIs to every name and then linked the ones listed in authority control databases to those databases
  - Could do this for other collections

# Metadata Enrichment and Reconciliation Work

# Metadata Workflow



\*Sources used for the process include Library of Congress (LC) Name Authority Files, Virtual International Authority Files (VIAF), Internet Movie Database (IMDb), Internet Broadway Database (IBDb), Wikipedia, Worldcat Identities, Theatricalia, and many more.

# Sources Consulted in Manual Process

---

## Sources Supporting Linked Data

- Library of Congress (LC) Name Authority Files
- Virtual International Authority File (VIAF)
- Internet Movie Database (IMDb)
- Internet Broadway Database (IBDb)
- Wikipedia
- Worldcat Identities

## Other Web Resources

- Canadian Theatre Encyclopedia
- Encyclopedia Britannica
- Turner Classic Movies
- Goodreads
- Obituaries in various digital newspapers
- Australian Dictionary of Biography
- doollee.com
- Opera Scotland
- Copies of text on Amazon Books
- Theatricalia

# Metadata Enrichment

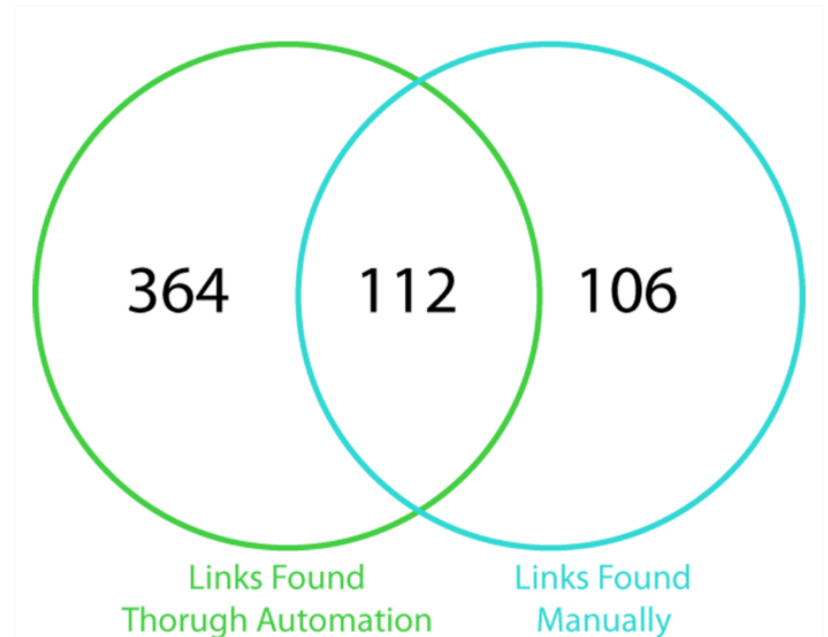
---

- Providing Linking or Canonical URIs for
  - ❑ Persons
    - E.g., Peter Ustinov, Marcel Proust, etc.
  - ❑ Venues
    - E.g., the Old Victoria Theatre, Alexandra Theatre, etc.
  - ❑ Plays/Productions/Performances
    - E.g., *The Unknown Soldier & His Wife*, *Romeo & Juliet*, etc.
  - ❑ Subject Headings/Terms
    - E.g., Theater—History, Costume Design, etc.
  - ❑ Bibliographic References
    - E.g., *Figaro*, *Gaulois*, *Journal des Debats*, etc.



# Person URI's Found through Manual Process

Total persons identified in Motley metadata = 984 Links have been found for 624 names	Count of URIs Found
having Wikipedia / DBPedia links	311 (32%)
having VIAF links	218 (22%)
found by searching viaf.org directly	87**
found by searching LC Name Authority File	196**
found by searching WorldCat Identities	93**
*combined with automatic results	*582 (59%)
having Theatricalia links	475 (48%)
having IMDb links	353 (36%)
having IBDb links	42 (4%)
having more than 1 link	446 (45%)



\*VIAF links for 476 persons (364 not found by manual search) were found using VIAF Auto Suggest

\*\*Represents some overlapping results

# Theater and Play/Performance URI's Found through Manual Process

Total theaters identified in Motley metadata = 59 Links were found for 52 theaters	Count of URIs Found
having Wikipedia / DBPedia links	49 (83%)
having VIAF links	45 (76%)
having home page links	36 (61%)
having other links	16 (27%)
having more than 1 link	47 (80%)

Total plays / performances identified in Motley metadata = 127 Links were found for 105 plays / performances	Count of URIs Found
having Wikipedia / DBPedia links	95 (75%)
having Theatricalia links	45 (35%)
having other links	10 (8%)
having more than 1 link	44 (35%)

# Kolb-Proust Archive Entities

<b>Total number of names found in the Kolb-Proust dataset = 5,727</b> <b>Links were found for 1,953 people</b>	<b>Count of URIs Found</b>
having VIAF links	1,678 (29%)
having French Wikipedia links	1,236 (22%)
having English Wikipedia links	999 (17%)
having other links	264 (5%)

<b>Total number of notecards in the Kolb-Proust dataset = 8,716</b>	<b>Count of URIs Found</b>
Citations found on notecards	13,923 (~1.6 citations/card)
Links founds for citations	4,812 (35%)

# Observations

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- Additional name authority sources needed for special collections
  - ❑ Many current sources are focused on authors
- When searching manually for entity links we found:
  - ❑ Easiest to start in WorldCat Identities; Google Web Search next best
  - ❑ Googling with full names and birth dates usually insufficient, needed to include additional keyword for best results
- Manual clean up of metadata and manual search helps recall:
  - ❑ Different name spellings/maiden names/nicknames, slightly different birth/death dates, and looking for contextual clues

What's the Benefit of All This?  
How Do We Use It?

http://imagesearch-test1.library.illinois.edu/jsonld/8664.json

```

32 ],
33   "@type": "VisualArtwork",
34   "creator": {
35     "@type": "Organization",
36     "@id": "http://viaf.org/viaf/121005107",
37     "name": "Motley (Organization)",
38     "sameAs": "https://en.wikipedia.org/wiki/Motley_Theatre_Design_Group",
39   },
40   "name": "1914: Sergeant and Grocer",
41   "isPartOf": [
42     {
43       "@id": "http://imagesearch-test1.library.illinois.edu/cdm/landingpage/collection/motley-new/",
44       "@type": "CreativeWork",
45       "additionalType": "s:Collection"
46     },
47     {
48       "@type": "CreativeWork",
49       "additionalType": "scp:StageWork",
50       "name": "Unknown Soldier and His Wife",
51       "sameAs": [],
52       "@id": "https://en.wikipedia.org/wiki/The_Unknown_Soldier_and_His_Wife",
53       "dateCreated": "1967",
54       "locationCreated": [
55         {
56           "@id": "https://en.wikipedia.org/wiki/Vivian_Beaumont_Theater",
57           "sameAs": [
58             "http://id.loc.gov/authorities/names/n2009004953",
59             "https://en.wikipedia.org/wiki/Vivian_Beaumont_Theater",
60             "http://viaf.org/viaf/140952057/",
61             "http://www.worldcat.org/identities/lccn-n2009-4953",
62             "http://ibdb.com/venue.php?id=1377",
63             "http://www.lct.org/about/beaumont-theater/"
64           ]
65         }
66       ],
67       "exampleOfWork": {
68         "@type": "Book",
69         "author": [
70           {
71             "@type": "Person",
72             "@id": "http://viaf.org/viaf/98273667",
73             "sameAs": [
74               "https://en.wikipedia.org/wiki/Peter_Ustinov",
75               "http://theatricalia.com/person/r85/peter-ustinov"
76             ]
77           }
78         ]
79       },
80       "contributor": []
81     }
82   ],
83   "genre": "Costume rendering",
84   "artform": "Image",
85   "artMedium": [
86     "Felt tip pen"
87   ]

```

### VisualArtwork

All (1)

VisualArtwork	
0 ERRORS 0 WARNINGS	
ID: http://imagesearch-test1.library.illinois.edu/cdm/ref/collection/motley-new/id/3626	
@type	VisualArtwork
@id	http://imagesearch-test1.library.illinois.edu/cdm/ref/collection/motley-new/id/3626
sameAs	http://imagesearch-test1.library.illinois.edu/cdm/search/collection/motley-new/searchterm/670706-057
name	1914: Sergeant and Grocer
genre	Costume rendering
artform	Image
artMedium	Felt tip pen
description	This production also played in Lyons, London, and Stratford (Connecticut) - the same designs were used for later productions. The actors' names on the designs do not match the cast list of the original production because they were inserted on the designs later, in pencil, and indicate a later cast. Notes on some of the designs are in French, perhaps added during the Lyons production, ""Soldat Inconnu"". Some costumes are dated ""Motley 72"", and may have been new renderings prepared specifically for a later production.; See also 3 CRs under 730111 and the same title. These three designs (Wife, Arab and Barbarian) belong to this batch, two of them being dated ""Motley 68""
creator	
@type	Organization
@id	http://viaf.org/viaf/121005107
name	Motley (Organization)
sameAs	https://en.wikipedia.org/wiki/Motley_Theatre_Design_Group
isPartOf	
@type	CreativeWork

## External Resources

## Caesar

- ▶ Julius Caesar (play)
- ▶ William Shakespeare (Author)
- ▶ Glen Byam Shaw (Director)
- ▶ Luckham, Cyril (Actor)
- ▶ Royal Shakespeare Theatre
- ▶ Motley (Organization)



# Context Enhancement

**PROPERTIES OF THE SKETCH**  
*A schema: VisualArtwork*

**PERFORMANCE**  
**AND VENUE ENTITIES**  
**REFERENCED**

**PERSONS**  
**REFERENCED**

### External Resources

- Julius Caesar (play)**
- William Shakespeare (Author)**
  - Gender: male
  - William Shakespeare (/ˈʃeɪkspiəri/; 26 April 1564 (baptised) – 23 April 1616) was an English poet, playwright, and actor, widely regarded as the greatest writer in the English language and the world's pre-eminent dramatist. He is often called England's [more from Wikipedia]
  - [DBPedia](#)
  - [VIAF Record](#)
  - [BNF Record](#)
  - [DNB Record](#)
- Glen Byam Shaw (Director)**
  - Gender: male
  - Glencairn Alexander "Glen" Byam Shaw, CBE (13 December 1904 – 29 April 1986) was an English actor and theatre director, known for his dramatic productions in the 1950s and his operatic productions in the 1960s and later. [more from Wikipedia]
  - [DBPedia](#)
  - [VIAF Record](#)
  - [DNB Record](#)
  - [Theatricalia](#)
- Luckham, Cyril (Actor)**
  - Gender: male
  - Cyril Alexander Garland Luckham (25 July 1907 – 8 February 1989) was a British film, television and theatre actor. [more from Wikipedia]
  - [DBPedia](#)
  - [VIAF Record](#)
  - [BNF Record](#)
  - [WorldCat Identities](#)
  - [Theatricalia](#)
  - [IMDb](#)
  - [Other](#)
- Royal Shakespeare Theatre**
- Motley (Organization)**

### Description

Rating: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 Based on 0 rating(s)

Image Title: Caesar

Performance Title: Julius Caesar

Theater: Royal Shakespeare Theatre (Stratford-upon-Avon, England) [↗](#)

Author: Shakespeare, William, 1564-1616 [↗](#)

Associated People (Director): Shaw, Glen Byam, 1904-1986 [↗](#)

Associated People (Actor): Luckham, Cyril, 1907-1989 [↗](#)

Object: Costume rendering

Type: Image

Material/Techniques: Watercolor  
Gouache  
Metallic

Dimensions: 11 1/2 x 15 1/4

Subject I (AAT): [costume design](#) [↗](#)  
[costumes \(character dress\)](#) [↗](#)  
[gouaches \(paintings\)](#) [↗](#)

Subject II (TGMI): [Theatrical productions](#) [↗](#)  
[Costume Design drawings](#) [↗](#)

Subject (LCSH): [Theater--History](#) [↗](#)

Rights: Rare Book and Manuscript Library, University of Illinois at Urbana-Champaign; For questions regarding these materials, please contact the Rare Book and Manuscript Library: <https://illinois.edu/fb/sec/7016277> [↗](#)

Physical Location: University of Illinois at Urbana-Champaign. Rare Book and Manuscript Library

Inventory Number: 570528-013

JPEG URL: [http://imagesearch-test1.library.illinois.edu/motley/jpg/570528\\_013.jpg](http://imagesearch-test1.library.illinois.edu/motley/jpg/570528_013.jpg)

Collection Title: Motley Collection of Theatre and Costume Design (University of Illinois at Urbana-Champaign Library)

RDF: <http://imagesearch-test1.library.illinois.edu/jsonld/7532.json>



# Preliminary Findings & Conclusions

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- Care needs to be taken when mapping legacy metadata to LOD-compliant vocabularies
  - May need to extend with additional entities and properties
  - However can sometimes be rewarded with additional linking properties (e.g., schema:mentions and schema:citation)
- User experiences enriched by adding contextual information
  - Through dynamically added sidebars and clickable links
    - Leverage existing Semantic Web sources
    - Provide opportunities for users to escape the siloed environments of traditional digital libraries
  - However, it is resource-intensive to manually add links, etc. to legacy metadata
- Additional Opportunities for leveraging the Semantic Web remain to be explored

# Works in Progress

# Pushing Information Back Out to the Semantic Web



WIKIPEDIA  
The Free Encyclopedia

- Main page
- Contents
- Featured content
- Current events
- Random article
- Donate to Wikipedia
- Wikipedia store

Interaction

- Help
- About Wikipedia
- Community portal
- Recent changes
- Contact page

Tools

- What links here
- Related changes
- Upload file
- Special pages
- Permanent link

Draft **Talk** Read Edit source View history ☆

## Draft:Alexandra Theatre

From Wikipedia, the free encyclopedia

The **Alexandra Theatre** was a theatre located in the Stoke Newington district of London. It was located at 65 and 67 Stoke Newington Road where the present-day Alexandra Court now stands.

**Contents** [hide]

- History
- Selected productions
- External links
- References

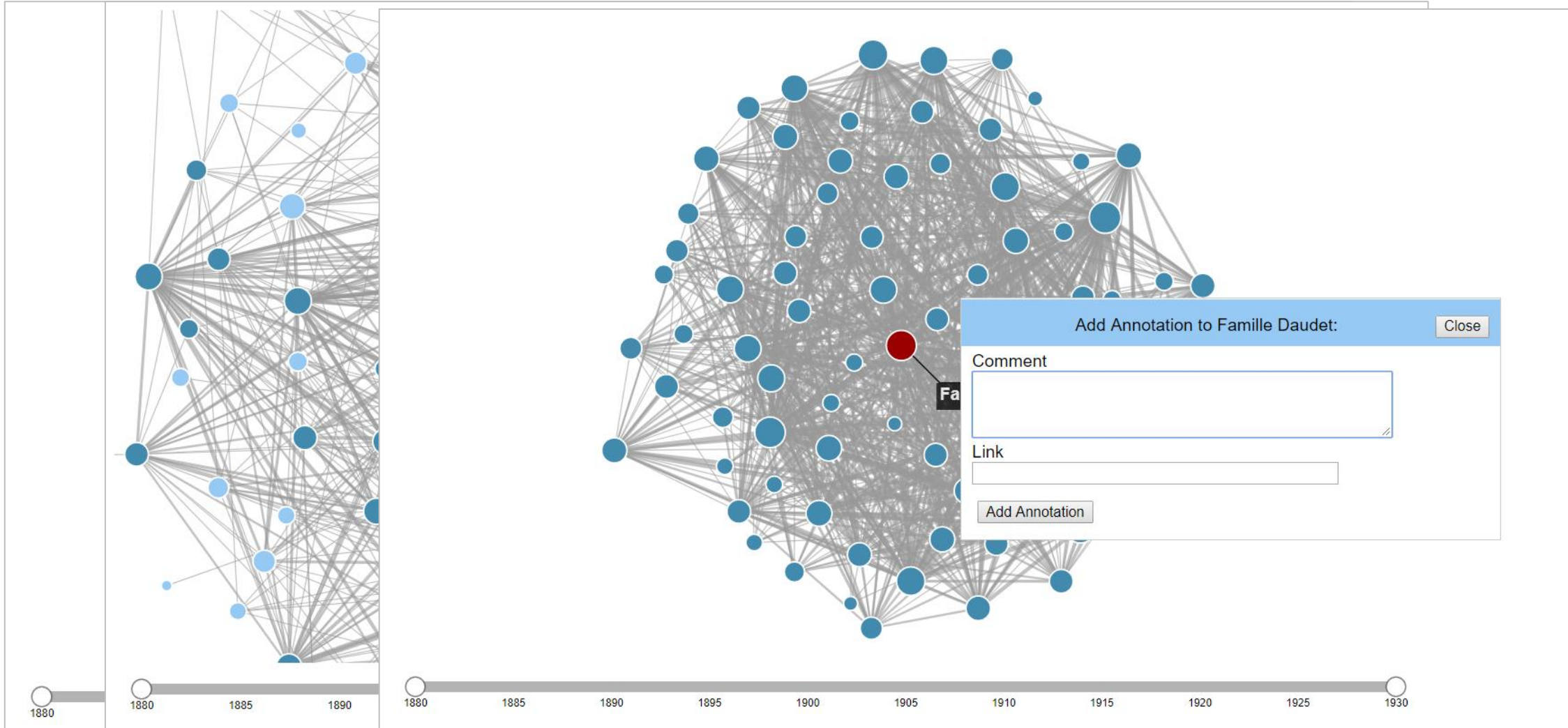
### History [ edit source ]

Opened on December 27, 1897 as *The Alexandra Theatre and Opera House*, it was designed by theatre architect Frank Matcham for F. W. Purcell. Upon opening, the theatre had a capacity of 2,025, spread across pit, traditional circle and gallery seating. In 1904, city records list the theatre's capacity as 1,710, along with an assessed value of £1,250.<sup>[1]</sup> The theatre's first performance was the December 27, 1897 staging of *Dick Whittington*, an adaption of the pantomime *Dick Whittington and His Cat*.<sup>[2]</sup>

The theatre was operated by F. W. Purcell until 1905 when he sold it to new owners. The theatre's new owners changed its name to the Palace



# Data Visualization



# Knowledge Cards on Search Results Pages



### Rose

**Performance Title:** [Shoemaker's Holiday](#)  
**Theater:** [Young Vic](#)  
**Opening Performance Date:** 1947



### Apprentice

**Performance Title:** [Shoemaker's Holiday](#)  
**Theater:** [Young Vic](#)  
**Opening Performance Date:** 1947



### Cast List

**Performance Title:** [Shoemaker's Holiday](#)  
**Theater:** [Young Vic](#)  
**Opening Performance Date:** 1947

### Thomas Dekker (Author)

Thomas Dekker (c. 1572 – 25 August 1632) was an English Elizabethan dramatist and pamphleteer, a versatile and prolific writer, whose career spanned several decades and brought him into contact with many of the period's most famous dramatists. [\[more from Wikipedia\]](#)



### Related Performances

[Shoemaker's Holiday](#)  
[Witch of Edmonton](#)

### Related People



[Michel Saint-Denis](#)



[William Devlin](#)



[Hedley Briggs](#)



[George Devine](#)



[Anna Konstam](#)



[George Hayes](#)

### External Links

[DBPedia](#)  
[DNB Record](#)

[VIAF Record](#)  
[Theatricalia](#)

[BNF Record](#)  
[Other](#)

# Additional Opportunities for leveraging the Semantic Web remain to be explored!

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