Building Discourse and the Crowd

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Upper Midwest Digital Collections Conference Aug. 2014
Today

• About
  • NYPL Labs
  • Linked Jazz Project
• Digital representation: visualizing discourse
• The crowd and beyond
NYPL Overview

• 87 Branches.

• 4 Research Centers.
  • Humanities and Social Sciences.
  • Science, Technology, and Business.
  • Schomburg Center for Research and Black Culture.
  • Library for the Performing Arts.
NYPL Labs

• The library’s experimental design and technology team.

• Founded by Ben Vershbow, the group consists of a director, deputy director, project manager and 6 highly interdisciplinary developers.

• Work with librarians and curators to create new tools, applications and experiences.
ADMINISTRATIVE CHANGES

During the past year several major changes were effected as a means of adopting the most modern techniques of administration and organization to the complex problems of the Library. A new Systems Analysis and Data Processing Office was established in July 1967 with temporary quarters in the Central Building. The new Office will study suggested applications of the electronic computer to Library operations and help to design the most efficient automation systems for the various departments of the Library. In the fall a formal training program was instituted to recruit and to train members of the staff in the skills and techniques of computer programming. In March 1968 the accounting functions of the Library were reorganized and the Accounting Office’s name was changed to Controller’s Office.

-1967 Bulletin of the New York Public Library
Digital Library + Labs

- Digital Library + Labs
- Digital Imaging Unit
- Permissions/Reproductions
- Metadata Services
- NYPL Labs
Linked Jazz

- Research project by Cristina Pattuelli, Professor at Pratt Institute.

- How to use the power of linked open data in a cultural heritage context.

- Using oral history transcripts and the crowd to map the social networks of jazz musicians.
Building Connections
Discourse

• The history of ideas.

• Making hidden connections visible.

• Linking ideas with statements.
The document, then, is no longer for history an inert material through which it tries to reconstitute what individuals have done or said, the events of which only the trace remains; history is now trying to define within the documentary materials itself unities, totalities, series, relations.

-Michel Foucault, *Archaeology of Knowledge*
"If a picture is worth 1000 words, a prototype is worth 1000 meetings" @ideo
Archives Portal

NEW YORK PUBLIC LIBRARY ARCHIVES & MANUSCRIPTS

FIND ARCHIVAL MATERIALS
Search names, titles, keywords...

The Human Experience Through Primary Sources
Archives are the records created by people and organizations as they lived and worked. Collections can range in size from a single letter or diary to thousands of boxes of institutional records. They can contain drafts of literary works, financial records, meeting minutes, reports, memorabilia, as well as sound recordings, videos, film, databases, and software.

On this site, you can search The New York Public Library's vast holdings, initiate a research visit, submit a query to an archivist, and access digitized material.

Learn more.

Made possible with generous support from The Robert W. Wilson Charitable Trust, The Polonsky Foundation, and The Hermione Foundation.

Living at NYPL Archives & Manuscripts
Mark Twain
Samuel Langhorne Clemens was an American novelist, short story writer, essayist, journalist, and literary and social critic. Born on November 30, 1835 he wrote fiction and non-fiction under the pseudonyms Mark Twain, Slew Louis de Conte.. View collection.

What you’ll find at NYPL Archives & Manuscripts
- 9,405 Collections
- 751,809 Described Components
- 51,964+ Feet of Documents
- 146,236 Names
- 120,168 Digitized Pages
- 374 Collections Added this Year

View a collection
View a component
That's further than...
Explore access terms
View a document
New collections
The traditional model for presenting EAD-encoded finding aids

EAD XML → XSLT → HTML

Diagrams by Trevor Thornton
A video clip showing the system load a very large collection. See it live here: http://archives.nypl.org/mss/2233#detailed
Atomic Level Archival Data

• Represent the digital in context with the non-digital.

• Build and display relationships across all collections.

• Facilitates new forms of discovery at the collection and inter-collection level.
Contextualizing The Digital

- Varying levels of digitization:
  - Collection
  - Box
  - Folder
  - Item
NOTICES

Central Building

Photographing: Hereafter readers wishing photographs made of books, manuscripts, maps, prints, or other objects in the library are to be referred to Peter A. Juley, 106 East 23rd street.

Mr. Juley's prices are as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copying one at a time, one print in the library and one to the reader</td>
<td></td>
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<tr>
<td>5&quot; x 7&quot; plate</td>
<td>$1.00</td>
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<tr>
<td>extra prints, 3 cents each</td>
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<td>8&quot; x 10&quot; plate</td>
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<td>extra prints, 35 cents each</td>
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Copying more than two and at least five at a time:

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</table>

On very large orders prices are subject to reduction according to special agreement with the reader.
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<th>Price for One Print</th>
<th>Extra Prints</th>
<th>Price</th>
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<td>2.50</td>
<td>.35 each</td>
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<tr>
<td>11&quot;×14&quot; plate</td>
<td>3.50</td>
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Copying more than five subjects at one time:

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<th>Price</th>
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<tbody>
<tr>
<td>5&quot;×7&quot; plate</td>
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<tr>
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</tr>
<tr>
<td>11&quot;×14&quot; plate</td>
<td>3.00</td>
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</table>

Copying paintings or colored objects where exact color values are demanded:

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<tr>
<td>11&quot;×14&quot; plate</td>
<td>5.00</td>
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</tbody>
</table>

On very large orders prices are subject to reduction according to special agreement with the reader.
Samuel J. Tilden papers
1794-1886 [bulk 1835-1876]

Overview

Creator: Tilden, Samuel J. (Samuel Jones), 1814-1886
Call number: MSS Coll 2993
Physical description: 42.78 linear feet (99 boxes, 13 volumes)
Preferred Citation: Samuel J. Tilden papers, Manuscripts and Archives Division, The New York Public Library
Repository: Manuscripts and Archives Division
Access to materials: Advance notice required. Request access to this collection.

Portions of this collection have been digitized and are available online.

Samuel J. Tilden (1814-1886) served as Governor of New York, 1875-1876, and was the Democratic nominee for the Presidency in 1876. Tilden began his career as a corporate lawyer; he served as Corporate Counsel for the City of New York, as a member of the New York State Assembly, and as Chairman of the Democratic National Convention. Monies from his estate contributed to the founding of The New York Public Library. His papers document his political and legal career and are comprised primarily of correspondence, political and legal files, financial documents, writings, speeches, and personal papers dating from 1785-1929 (bulk 1832-1886).

Digitization was made possible by a generous gift from the Hermione Foundation.

Biographical/Historical Information

Samuel J. Tilden (1814-1886) served as Governor of New York, 1875-1876, and was the Democratic nominee for the Presidency in 1876. Tilden began his career as a corporate lawyer; he served as Corporate Counsel for the City of New York, as a member of the New York State Assembly, and as Chairman of the Democratic National Convention. Monies from his estate contributed to the founding of The New York Public Library. His papers document his political and legal career and are comprised primarily of correspondence, political and legal files, financial documents, writings, speeches, and personal papers dating from 1785-1929 (bulk 1832-1886).

Digitization was made possible by a generous gift from the Hermione Foundation.

[A Video showing digitized and non-digitized listings: http://archives.nypl.org/mss/2993#detailed]
Conveying Archives

What you'll find at NYPL Archives & Manuscripts

<p>| | | | | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>![icon] 9,405 Collections</td>
<td>![icon] 751,809 Described Components</td>
<td>![icon] 51,964+ Feet of Documents</td>
<td>![icon] 146,236 Names</td>
<td>![icon] 120,168 Digitized Pages</td>
</tr>
<tr>
<td>View a collection</td>
<td>View a component</td>
<td>That's longer than...</td>
<td>Explore access terms</td>
<td>View a document</td>
</tr>
<tr>
<td>![icon] 374 Collections Added this Year</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Living at NYPL Archives & Manuscripts

**Katharine Hepburn**

Star of stage and screen, and international icon, actress Katharine Houghton Hepburn was born on May 12, 1907 in Hartford, Connecticut to Dr. Thomas N. Hepburn, a distinguished urologist and surgeon special... View collection.
<table>
<thead>
<tr>
<th>Division</th>
<th>Title</th>
<th>Dates</th>
<th>Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUG</td>
<td>Voltaire letter and documents</td>
<td>1762</td>
<td>0.1 linear feet</td>
</tr>
<tr>
<td>AUG</td>
<td>Richard Varick letters and documents</td>
<td>1770-1835</td>
<td>0.2 linear feet</td>
</tr>
<tr>
<td>AUG</td>
<td>Pedro de Nava papers relating to Pedro Vial</td>
<td>1792-1794</td>
<td>0.1 linear feet</td>
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<tr>
<td>AUG</td>
<td>ASCAP archives</td>
<td>1914-1986</td>
<td>32.84 linear feet</td>
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<tr>
<td>JUL</td>
<td>Carl Van Vechten letters</td>
<td>1923-1946</td>
<td>0.1 linear feet</td>
</tr>
<tr>
<td>JUL</td>
<td>Van Santvoord family letter copies</td>
<td>undated</td>
<td>0.1 linear feet</td>
</tr>
<tr>
<td>JUL</td>
<td>Strubin Van Brinley correspondence</td>
<td>1796-1823</td>
<td>0.5 linear feet</td>
</tr>
</tbody>
</table>
[A Video showing the archive as network feature]
[A Video showing the terms explorer, see it at: http://archives.nypl.org/terms]
Linked Jazz

Eddie Locke Oral History from Hamilton College
[A Video showing the linked jazz network: http://linkedjazz.org/network]
<table>
<thead>
<tr>
<th>Description</th>
<th>Ernie Cagnolatti, Louis Barbarin, Albert Walters, Kid Howard, Louis Nelson, Jery Greene, Paul Barbarin, Wandell Quezerque, Louis Cottrell, Jack Wills; at Tulane Derby Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>1962-11</td>
</tr>
<tr>
<td>Creator</td>
<td>Casimir, Mike</td>
</tr>
<tr>
<td>Title</td>
<td>Paul Barbarin with his Onward Brass Band</td>
</tr>
</tbody>
</table>
Co-citation Metadata

Lincoln, Abraham, -- 1809-1865.
Political leadership -- United States -- History.
Genius -- Case studies.
United States -- History -- Civil War, 1861-1865.
Lincoln, Abraham, -- 1809-1865 -- Friends and associates.
Presidents -- United States -- Biography.
United States -- Politics and government -- 1861-1865.
Co-citation Catalog

Each subject heading is a node, size indicates number of occurrences.

Subject heading must be used in at least two resources.

When two subjects occur in the same resource a edge is created between them. More co-occurrences creates a closer connection between them.
[A Video showing the catalog network building, view it here: http://vimeo.com/91428315 ]
First thing he did after taking the job as school principal was to sign his resignation, explaining he didn't want people to feel obliged to keep him around. Then he fired the librarian, permitting students free access to books. Instead of being stolen or not returned, inventory after one year showed there were fifty more books than there had been originally.

- John Cage. *Diary: How To Improve The World (You Will Only Make Matters Worse)*
Transcription Crowdsourcing

What’s on the Menu?

http://menus.nypl.org/

Ensemble

http://ensemble.nypl.org/
Oral History Annotation

The New York Public Library Community Oral History Project

The New York Public Library’s Community Oral History Project is an initiative taking place at NYPL branches that aims to document, preserve, and celebrate the rich history of the city’s unique neighborhoods by collecting the stories of people who have experienced it firsthand.

To find out when NYPL’s Community Oral History Project will be coming to your neighborhood, learn how to get involved, or share your story, please contact oralhistory@nypl.org or (212) 592-7555.

Browse By Neighborhood Project

Your Village, Your Story
Greenwich Village Oral History Project

A People's History of Harlem
A Harlem Neighborhood Oral History Project

http://oralhistory.nypl.org/
Geospatial Crowdsourcing

NYPL Map Warper

http://maps.nypl.org/

Building Inspector

http://buildinginspector.nypl.org/
Relationship Classifying

Linked Jazz 52nd Street

http://linkedjazz.org/52ndStreet/
I think it was the year of 1930 in Kansas City. He was traveling with a show somewhat like a medicine show. The music was so great in Kansas City so he stopped off there. They had opened up a new night club called the Subway or something like that in Kansas City and I met Thelonious Monk there and he was playing the same way he plays now. No one understood it. I used to hang out with him and we became great friends then. During that period Lester Young, Herschel Evans, and Count Basie and all the musicians used to go down to the Subway to hear Thelonious Monk play.
Expert Sourcing

Input Data: Subject/Object  Crowdsourcing Interface  Models Updating Interface

BeBop Box (purposed)
LIST OF WORKS IN THE NEW YORK PUBLIC LIBRARY RELATING TO BEGGARS, MENDICANTS, TRAMPS, VAGRANTS, ETC.

This list includes only titles relating specifically to these particular topics. For further investigation reference must be made to the periodicals, encyclopedias, pamphlets, etc.

Order of Arrangement

BIBLIOGRAPHY. HISTORY.

BIBLIOGRAPHY.

Hibben-Turner C. J. Extracts from various writers illustrating the habits and occupations of the vagrant and beggar, 1385-1886. (In his: History of vagrants and vagrancy. London, 1887. pp. 475-505.)

HISTORY.

Awdelay (John). The interior of the workmen; as well as the habits of the people, as of men, of boys, and of women, as of gypsies and of beggars, with their proper names and admiralities; and a description of the crafty company of conmen and shifters. Wherein also is added the XXV Orders of Knaves, otherwise called a quittance of Knaves. Impression 1575. (In: Early Eng. Text Soc. Pub. Extra ser., n. 9. 1869.)

Bailey (J.). Recherches sur les moyens employés précédemment en France pour éloigner la mendicité et réprimer le vagabondage... n. 4-5. Assayons! L. Saint-Aporth, 1849. 73-739 pp. 568. Ex.: Amil, des siffleurs, de Tourouze, etc.

LIST OF WORKS IN THE NEW YORK PUBLIC LIBRARY RELATING TO THE NEAR EASTERN QUESTION AND THE BALCAN STATES, INCLUDING EUROPEAN TURKEY AND MODERN GREECE.

Order of Arrangement

BIBLIOGRAPHY.

Periodicals.

General Works: The Near Eastern Question, and History, Description, etc., of various Countries.

Bibliography.

Staff Collaboration

- Enrich existing records.
- Build connections.
- Collaboratively remediate.
- Ecco! Demo
Staff Collaboration

bit.ly/eccodemo
Thanks!

- matthewmiller@nypl.org
- @thisismmiller
- http://labs.nypl.org
- http://linkedjazz.org
- https://github.com/thisismattmiller