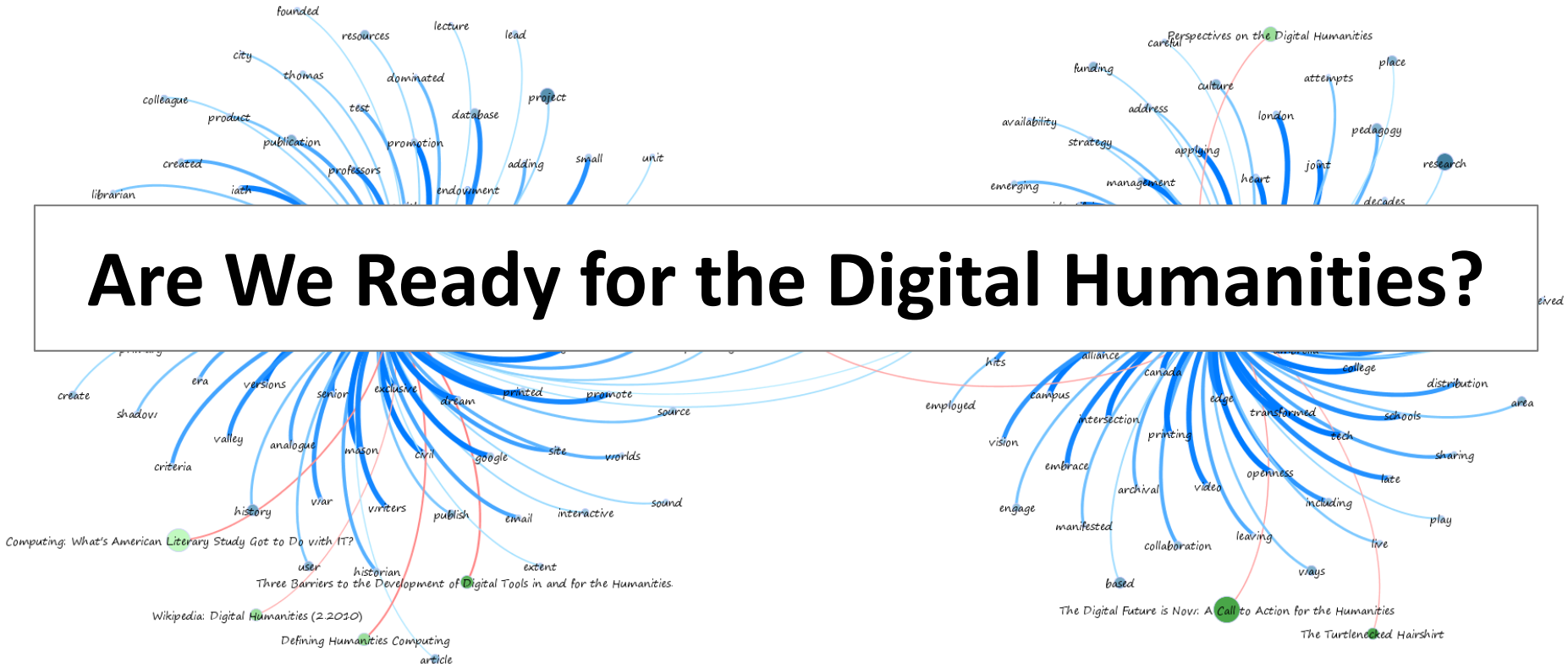
Are We Ready for the Digital Humanities?



Atlantic Provinces Library Association
Lisa Goddard
Memorial University Libraries

May 2011

What are the Digital Humanities?

How can libraries support DH?

Humanities

- Philosophy, literature, religion, art, music, history and language.
- Core library users.
- Core print users.

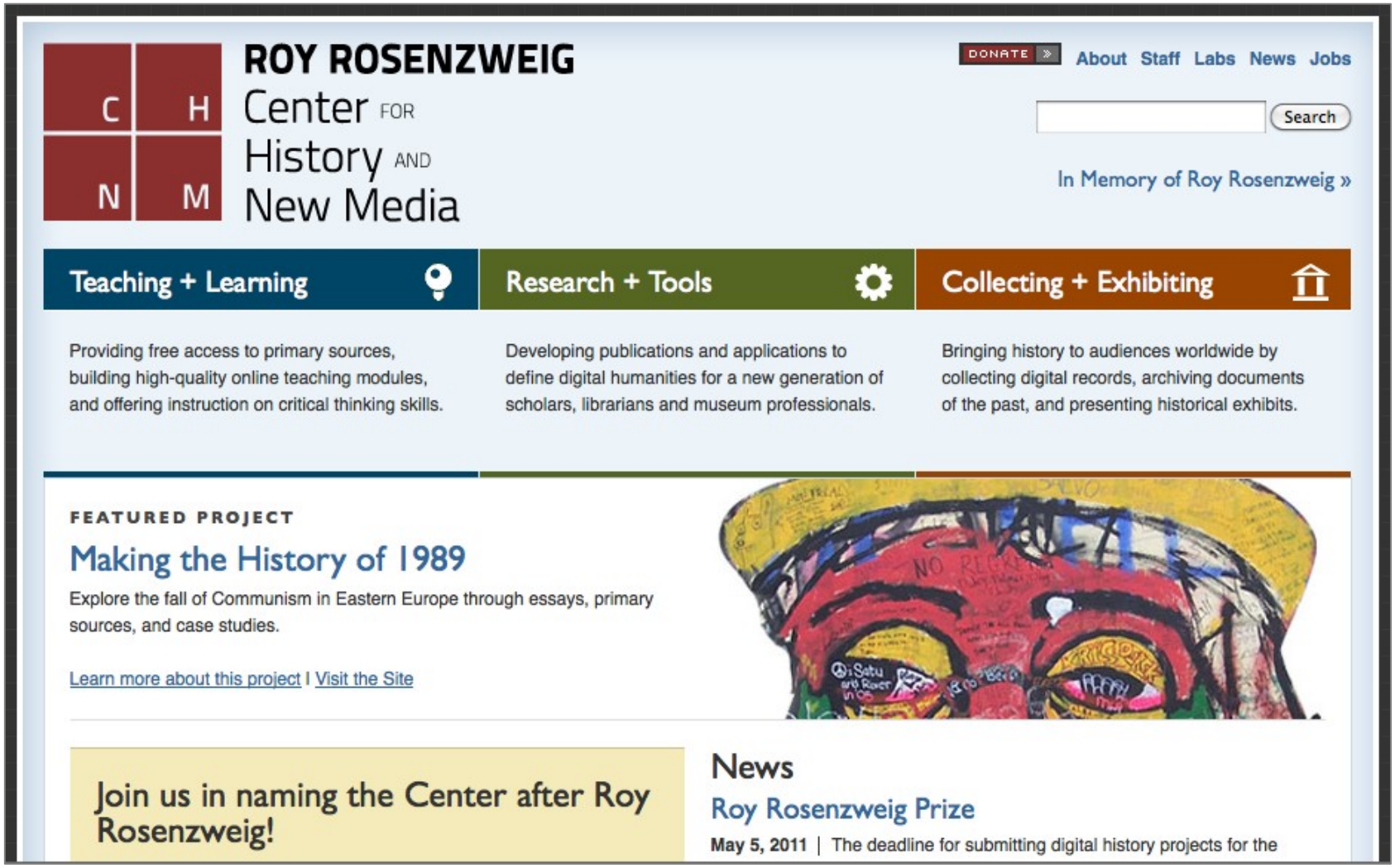
Digital Humanities

Opening up new knowledge and new ways of learning through the application of digital technologies to any humanities subject.

DH is about creating digital toolsets that allow users to undertake new forms of research in the humanities.

Growing interest and investment.

George Mason: CHNM



Stanford Literary Lab

STANFORD LITERARY LAB

Directed by Matthew Jockers and Franco Moretti

About People Projects Pamphlets News Events

PROJECTS

SEMANTIC FIELDS

"ABSTRACT VALUES IN THE 19TH CENTURY ENGLISH NOVEL: DECLINE AND TRANSFORMATION OF A SEMANTIC FIELD," BY LONG LE-KHAC AND RYAN HEUSER

[FOR MORE INFORMATION, EMAIL LLEKHAC@STANFORD.EDU.]

Our paper analyzes the historical behavior of several semantic fields of "abstract values" in a corpus of 2,822 19th-century British novels. In his classic study, Culture and Society , Raymond Williams claimed that a group of keywords that arose and/or changed dramatically in the nineteenth century

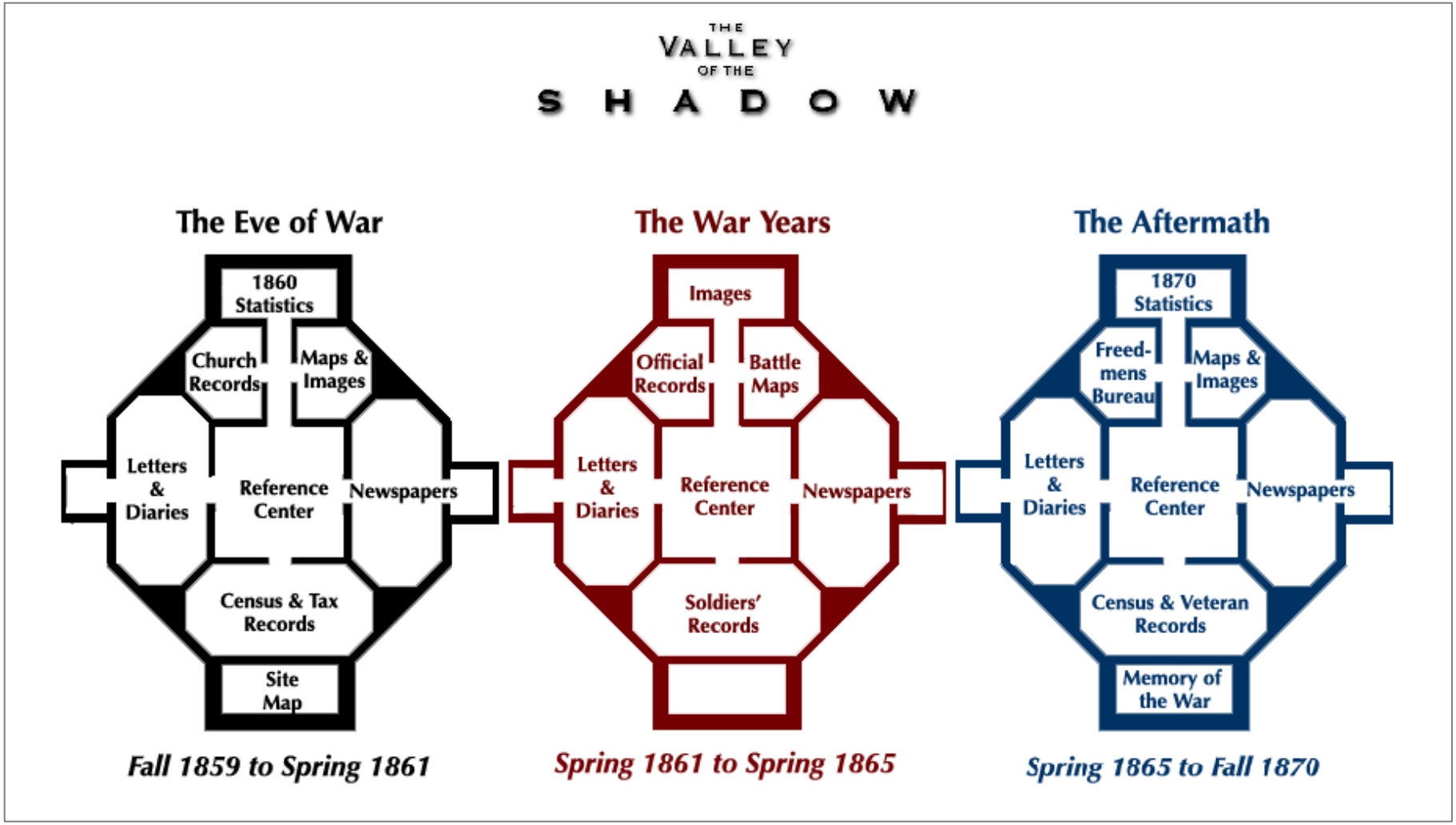
U Virginia Scholar's Lab

Digital Humanities in Canada

- U Alberta
- U Toronto
- U Victoria
- UNB
- U Montreal
- McMaster
- McGill
- York

Digital Humanities Projects

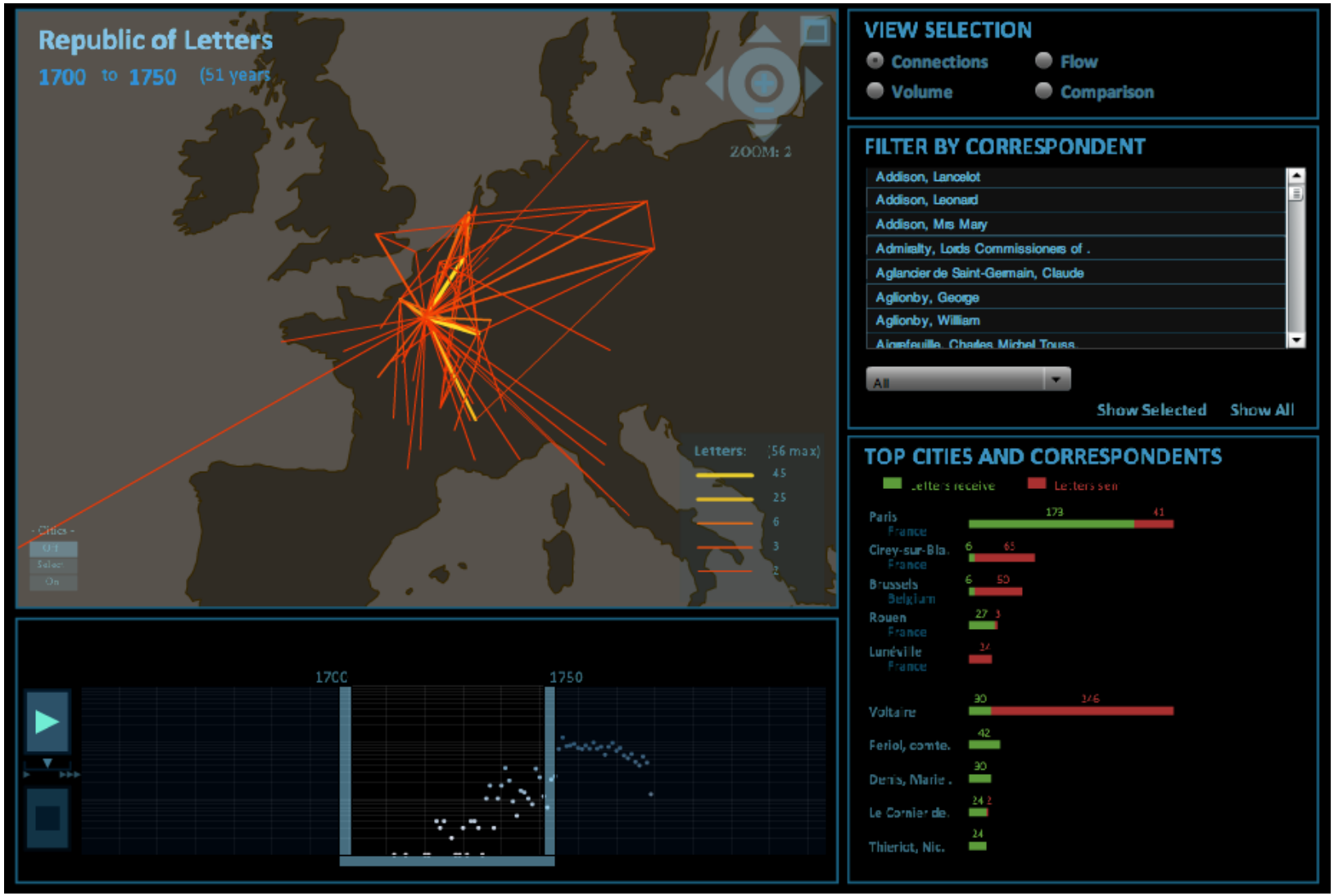
Thematic Digital Archives



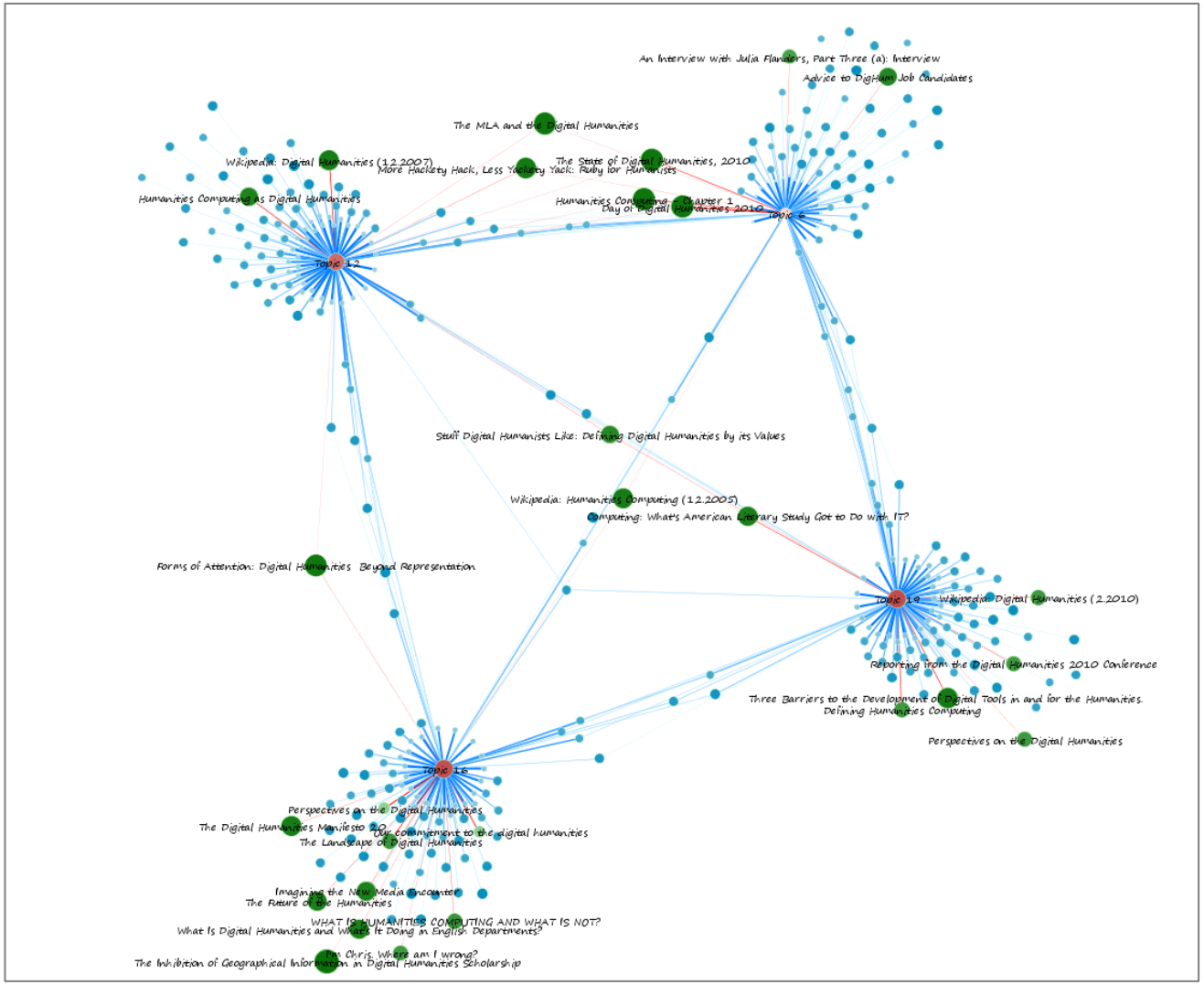
Virtual Anthologies

Aggregate, Annotate, Review

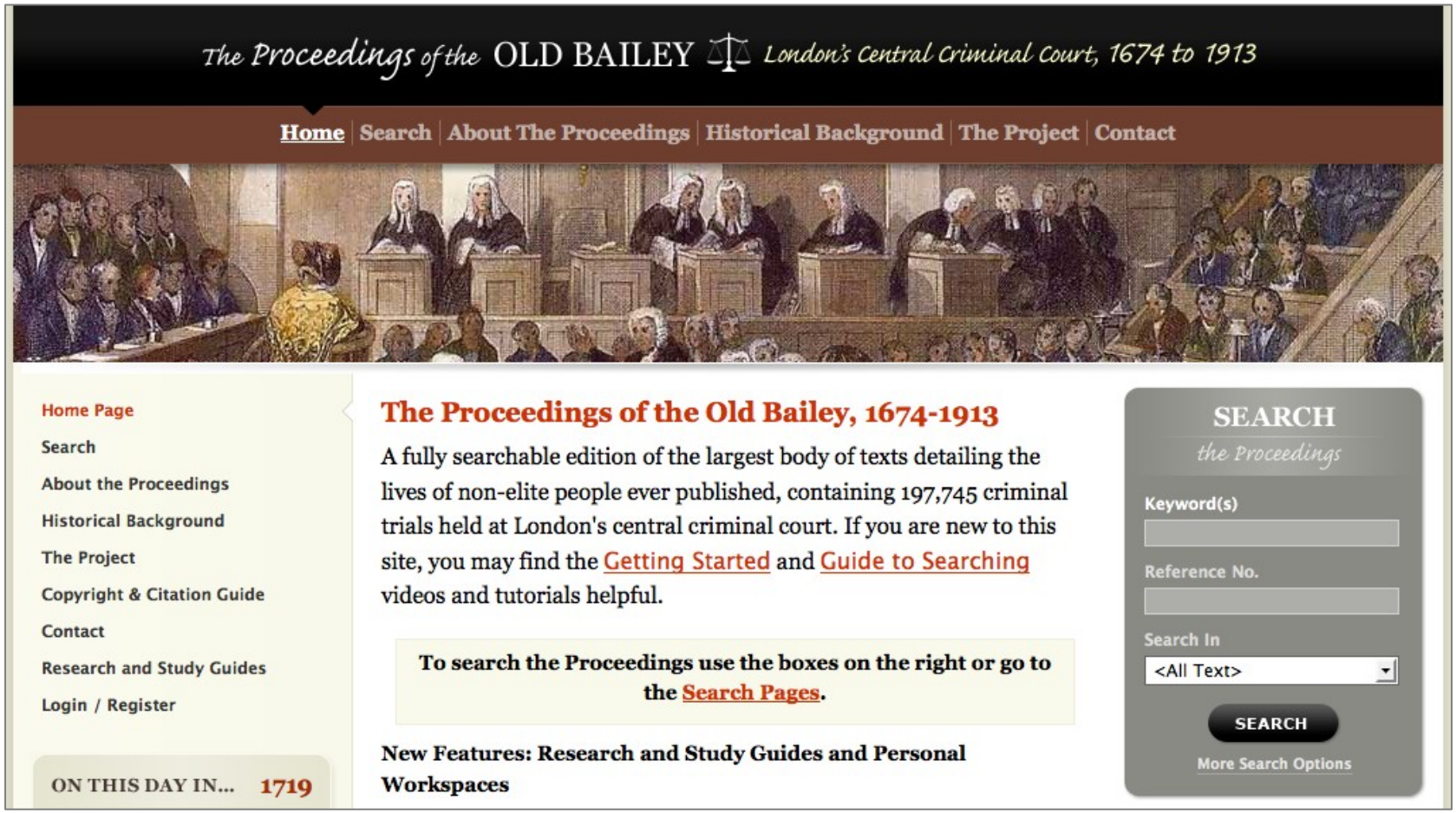
GIS & Mapping


Republic of Letters
1700 to 1750 (51 years)
ZOOM: 2
Letters:
45
25
6
3
VIEW SELECTION
Connections
Flow
Volume
Comparison
FILTER BY CORRESPONDENT
Addison, Lancelot
Addison, Leonard
Addison, Mrs Mary
Admiralty, Lords Commissioners of .
Aglancier de Saint-Germain, Claude
Aglionby, George
Aglionby, William
All
Show Selected
Show All
TOP CITIES AND CORRESPONDENTS
Paris
France
173
41
Cirey-sur-Bla.
France
6
65
Brussels
Belgium
6
50
Rouen
France
27
3
Lunéville
France
Voltaire
30
246
Feriol, comte.
42
Denis, Marie .
30
Le Cornier de.
24
Thieriot, Nic.
24

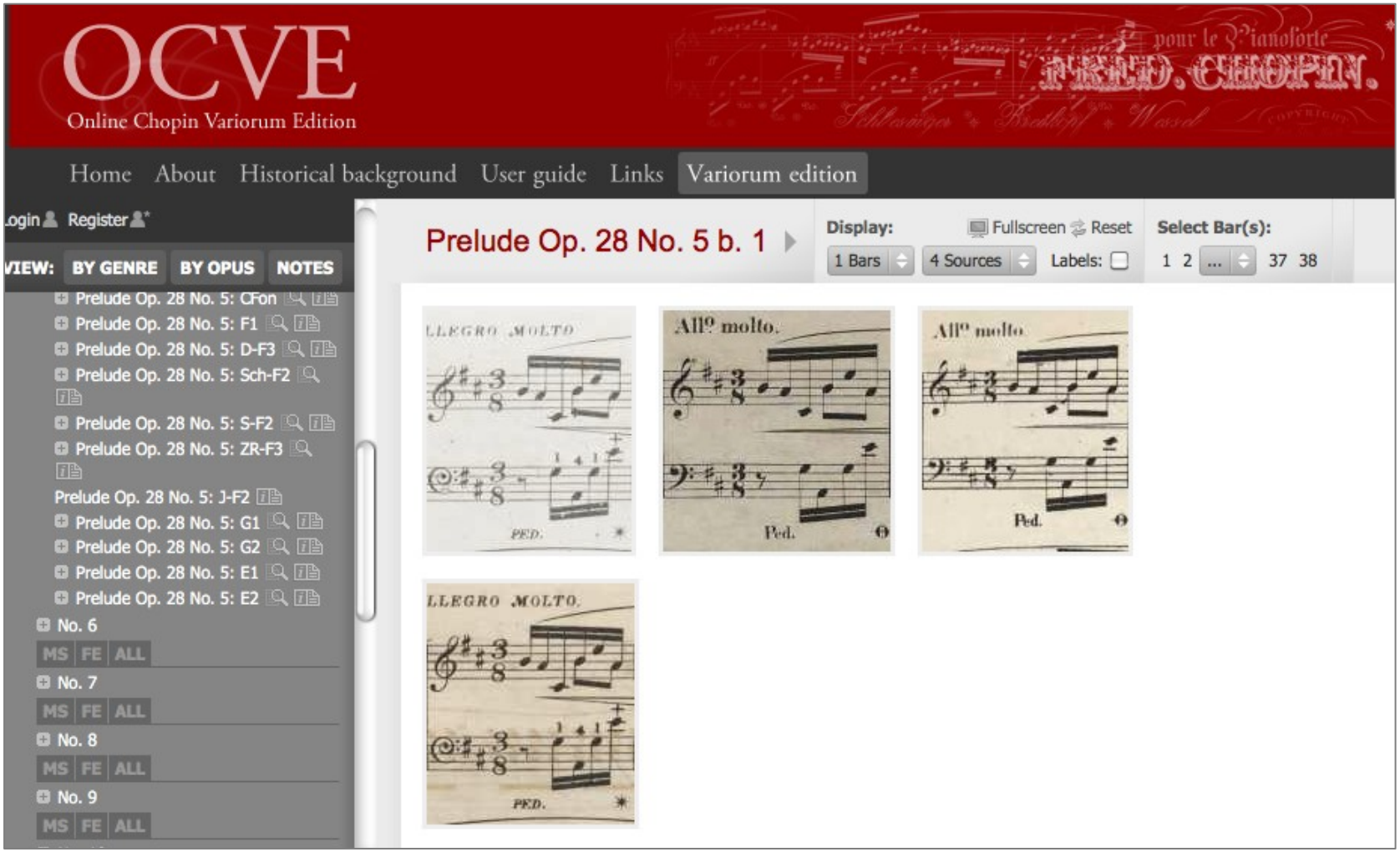
Clustering & Visualization



Text Transcription & Markup

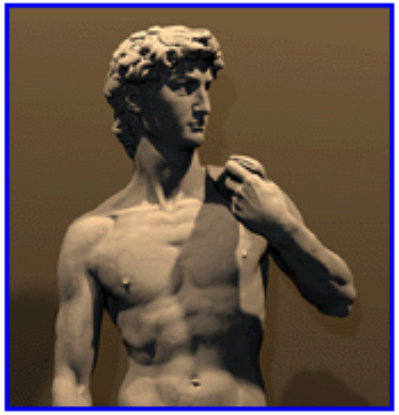


Edition Comparisons



3D Sculpture Modeling

The Digital Michelangelo Project: 3D Scanning of Large Statues



A computer rendering made from a 3D model of Michelangelo's David. The model was built by scanning the statue using a laser triangulation rangefinder and assembling the resulting range images to form a seamless polygon mesh. The mesh contains 8 million polygons, each about 2.0 mm in size. The raw data from which the mesh was built contains 2 billion polygons, representing range samples spaced 0.25 mm apart on the statue surface. Although we also digitized the statue's color, the veining and reflectance shown here are artificial. The rendering includes simulated subsurface scattering, but with arbitrary parameters. Thanks to Henrik Wann Jensen for computing this image.

Click above for a 700 x 700 pixel version
Click here for a 2K x 2K version (388 KB)
(frontispiece of Siggraph 2000 proceedings)

Tool Building

Home | People | Projects | Workshop | Site Map | Search

TAPoR

Text Analysis Portal for Research at the University of Alberta

Resources and Links

Resources
A range of resources including information about text analysis, the TAPoR workshop, electronic text collections, and journals in the field of digital arts.

Quick Links

- TAPoR Wiki
- Access to TAPoR Lab
- What is text analysis?
- Text management software
- Electronic text collections
- Journals in the field

Rotating Featured Project

Welcome to TAPoR @ UAlberta!

TAPoR is the Text Analysis Portal for Research, a collaboration by six Canadian universities to build a centralized gateway to representative texts and sophisticated text analysis tools. The computing infrastructure is available to host and support research projects using text, text encoding, text transformation, and XML technologies. For more information on the TAPoR in Canada initiative, please consult our TAPoR Canada page.

TAPoR @ UAlberta is a hub for text-based computing research in the Faculty of Arts at the University of Alberta. Associated projects

Alberta News

Under revision

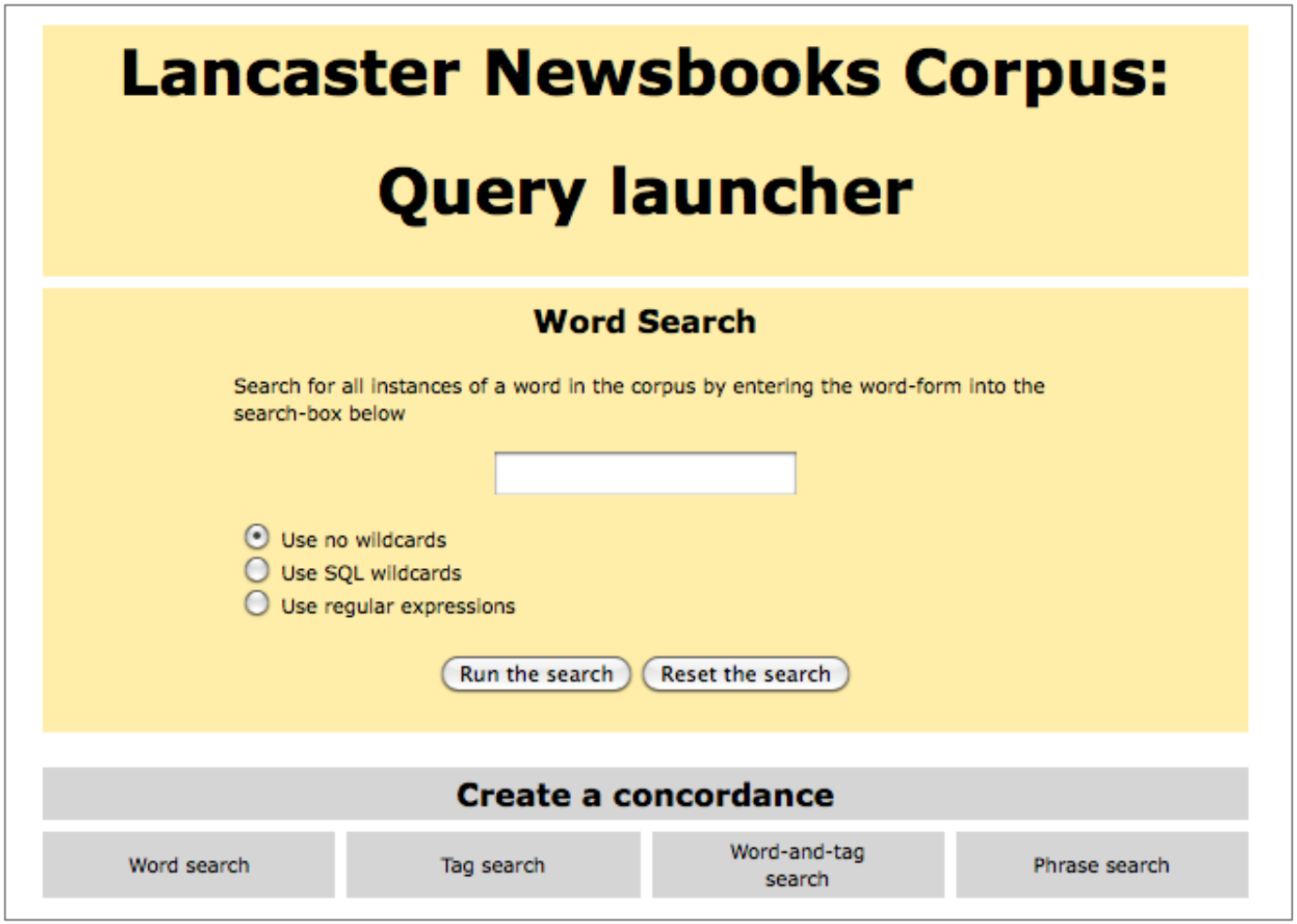
TAPoR News

> 18th Connect and Voyeur
Fri, 29 Apr 2011 19:29:39 MDT
Gale Cengage and the ECCO Text Creation Partnership have agreed to release 2,231 eighteenth-century te...

> Portal Down Occasionally
Fri, 29 Apr 2011 19:24:01 MDT
On March 08, 2011, a security breach was discovered on the TAPoR portal. The TAPoR portal was recently moved from the University of McMaster to a dedi...

> The Portal Has Moved
Mon, 22 Nov 2010 18:31:02 MST

Anatomy of a DH Project



Dunning et al, "Freeing up digital content with text mining", *Serials*. 22(2), July 2009

Text Corpus

- 17thC English news pamphlets
- Dec 1653 to May 1654
- British Library electronic texts
- 312 documents, 800 000 words

CLAWS: Part of Speech Tagging

```
In the Patrick of Liverpoole - which we lately
recovered from the Brest men of War - was one Walter
Roche - who was to carry her to Brest - and he
```

```
<p> In_II the_AT <em> Patrick_NP1 </em> of_IO <em>
<reg orig="Liverpoole"> Liverpool_NP1 </reg> </em> ,_,
which_DDQ we_PPIS2 lately_RR recovered_VVN from_II
the_AT <em> Brest_JJT </em> men_NN2 of_IO War_NN1 ,_,
was_VBDZ one_MC1 <em> Walter_NP1 Roche_NP1 </em> ,_,
```

- Grammar parsing tool (Linguistics)
- Identifies proper nouns, common nouns, plural nouns, adjectives, prepositions…
- 95–97% accuracy

Geographical Analysis

home news countries/cities summary statistics search tools info/help options

World Gazetteer

Canada

FAQ

Place index

Contents

Search

Feedback

Links

Last Update:
2010-01-01

The **World Gazetteer** provides a comprehensive set of **population data** and related **statistics**

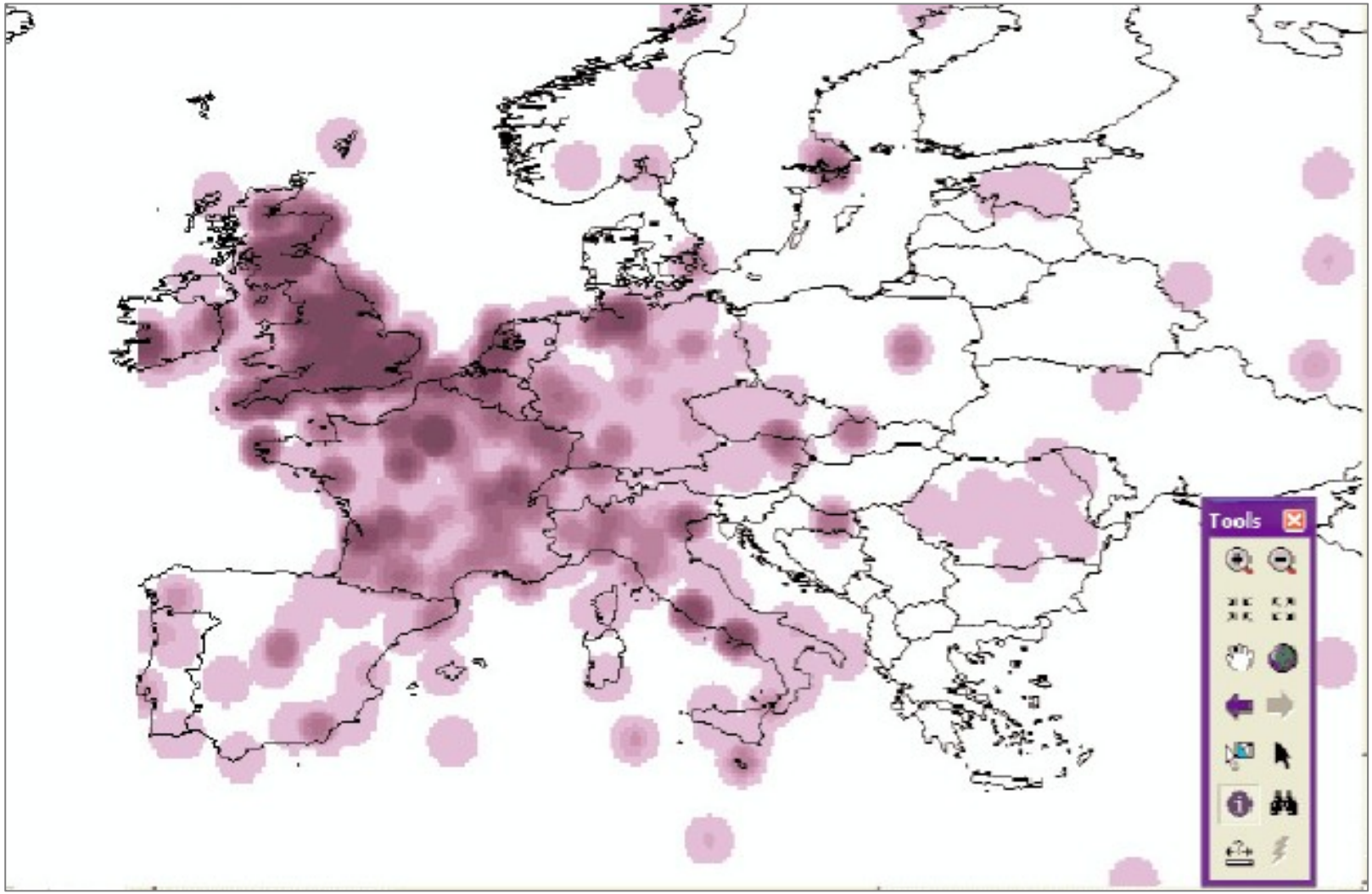
Population data arranged by country

- Current population figures and area size for all **countries** and important territories
- Population figures and area size of **administrative divisions**
- Population figures for the largest **cities, towns** and **places** as well as for metropolitan areas
- Historical population data (census or estimates; mostly from last or last two censuses)
- Overview maps that show the position of the country or the administrative divisions

Related data

- **Summary statistics** for countries and territories as well as for the largest cities and agglomerations
- Current **national flags**
- Summary maps for various subject
- A pronunciation guide for some languages
- There is a downloadable file for offline research
- A population clock that show the current population of the world
- Comprehensive meta informationen about statistics and the project

Geographical Analysis



USAS: Semantic Parsing

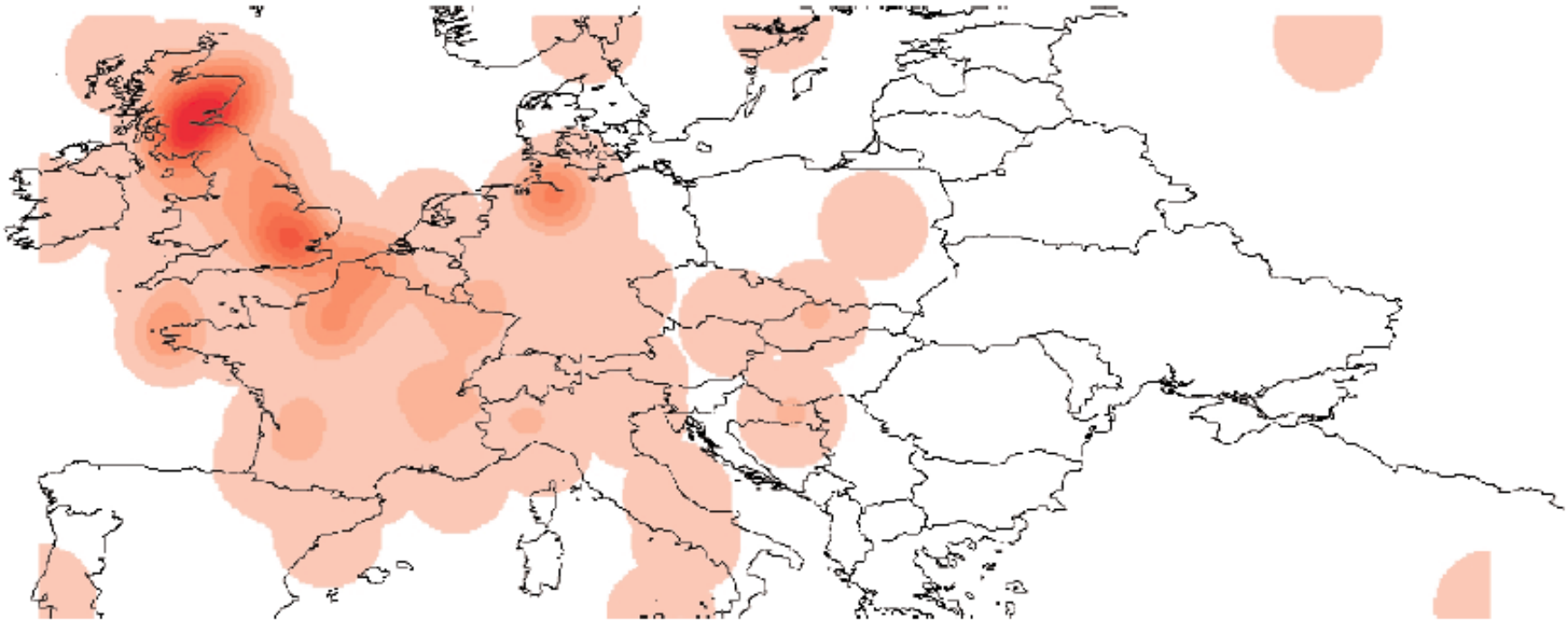
... two_N1 ships_M4 from_Z5 Dunkirk_Z2 have_Z5 brought_M2 Men_S2.2m Arms_B1 ,_PUNC and_Z5 Ammunition_G3 to_Z5 Middleton_Z1mf

Ships = M4 (shipping, swimming, etc.)

Men = S2.2m (People:-Male)

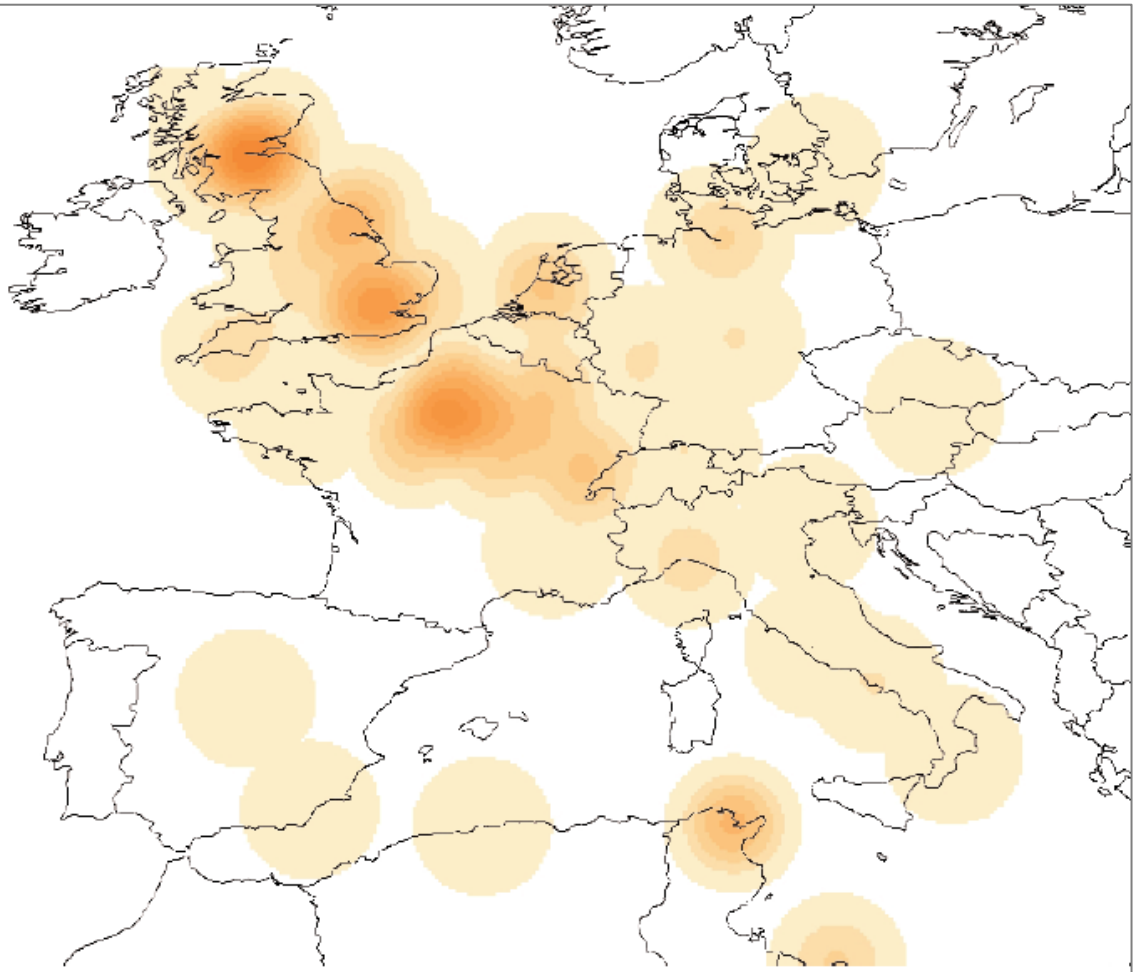
Ammunition = G3 (warfare, defence and the army; weapons)

GIS Mapping: Topic ‘War’



3. *Place-name map generated in response to a search for words related to the concept of ‘war’*

GIS Mapping: Topic ‘Money’



Place-name map generated in response to a search for words related to the concept of ’money’

DH Growing Pains

ABOUT FOUND HISTORY

Found History explores public history and digital humanities in all their forms. It is produced by Tom Scheinfeldt, Managing Director at the Center for History and New Media at George Mason University.

BEST OF FOUND HISTORY

- Omeka and Its Peers
- Lessons from One Week | One Tool – Part 3, Serendipity
- Lessons from One Week | One Tool – Part 2, Use
- Lessons from One Week | One Tool – Part 1, Project Management
- New Wine in Old Skins: Why the

← Briefly Noted for May 6, 2010 Briefly Noted for May 13, 2010 →

Where's the Beef? Does Digital Humanities Have to Answer Questions?

May 12th, 2010 · 11 Comments

The criticism most frequently leveled at digital humanities is what I like to call the "Where's the beef?" question, that is, what questions does digital humanities answer that can't be answered without it? What humanities arguments does digital humanities make?

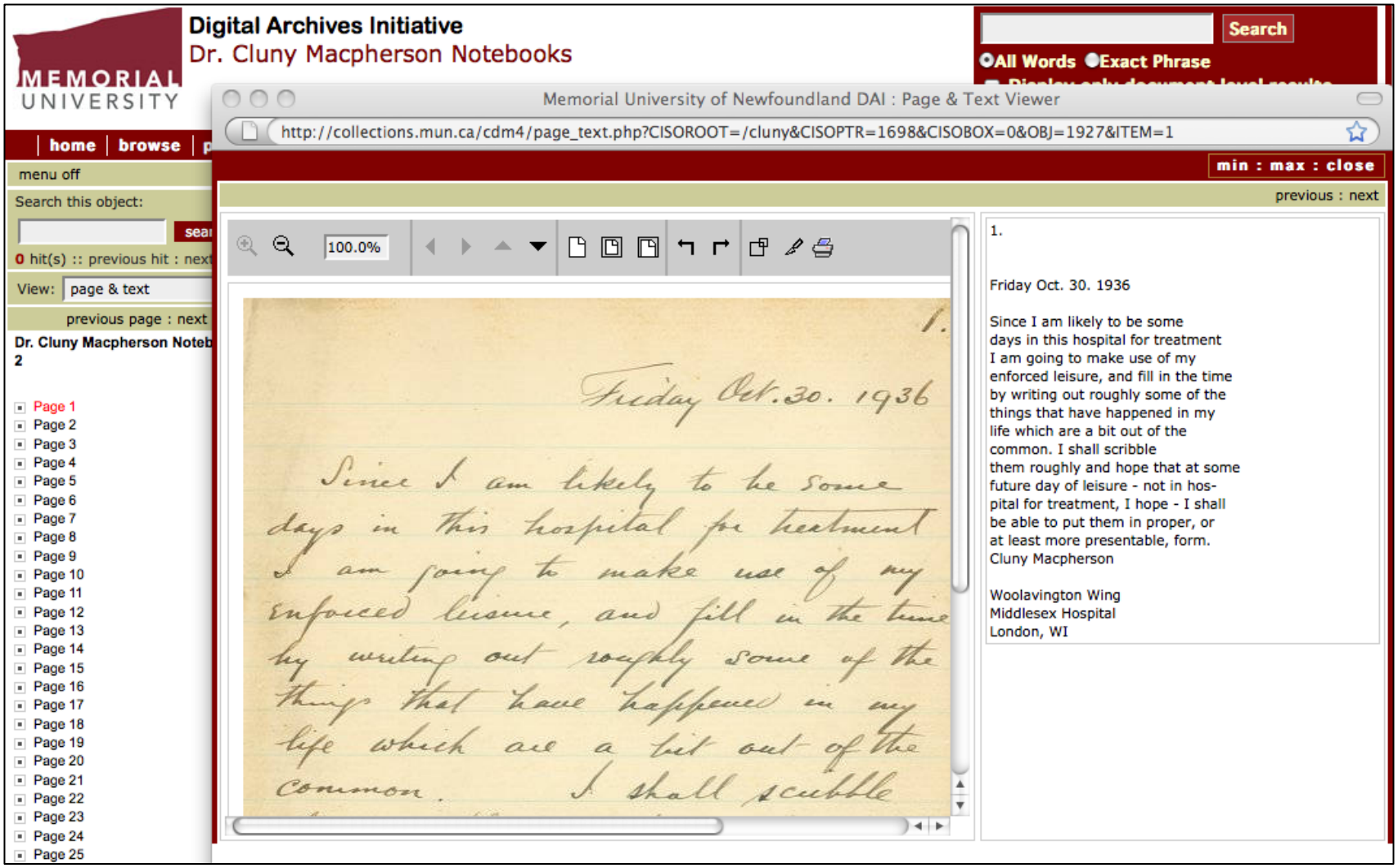
Concern over the apparent lack of argument in digital humanities comes not only from outside our young discipline. Many practicing digital humanists are concerned about it as well. Rob Nelson of the University of Richmond's Digital Scholarship Lab, an accomplished digital humanist, recently ruminated in his THATCamp session proposal, "While there have been some projects that have been developed to present arguments, they are few, and for the most part I sense that they haven't had a substantial impact among academics, at least in the field

DH Library Fears

The Humanists are leaving us for the Computer Scientists.

Digital Humanities Sources

Primary source materials



Primary source materials

min : max : close

previous : next

13.3%

THE FISHERMEN'S ADVOCATE.

Published in the Interest of the Fishermen's Protective Union.

EDITOR'S NOTES.

The President Tendered a Great Reception

At Joe Batt's Arm and Barr'd Islands.

What's What!

THE FISHERMEN'S ADVOCATE. Published in the Interest of the Fishermen's Protective Union. Voi,. 3, No. 30. ST. JOHN'S, NEWFOUNDLAND, SATURDAY, JULY 27. 1912. Price:"1 cent. EDITORS NOTES. -o- 7THERE are certain forces of nature which remain dormant and apparently lifeless, for days, months, or perhaps years. Silently but no less surely accumulating during its time of inactivity that energy and power which can transform the mighty and magnificent city witjt ' its wonderful buildings and every luxuriance that the-modern mind can . ⊕ devise, into a tangled mass of debris, witness the earthquake aud the volcano. From nature we learn that there are irresistible forces which man cannot control, but still we may learn very many valuable lessons from the course which this mighty power exerts. As in nature so it has been with a great many of the great political upheavels and moral reforms of the past. Nations and people having sunk into such a state or condition that all sense of right or honor seemed to be dead. Oppression and debauchery had full sway, but the time of the awakening came slowly but surely, and many of the countries of Europe were revolutionized, changed, old things passed away and gave place to the new. The means and methods for the transformation were not always of a peaceful nature, and it shocks us when we read of the sufferings and bloodshed. Still the force and energy of the victims pf oppression were uncontrollable and the work of destruction preceded the foundation of truth and liberty. We believe that truth and honesty will prevail, but where the great wrong and evil is, so many unscrupulous persons thrive and grow rich, using means and methods, no matter what, so long as they can keep clear of the Penitentiary. At the same time the poor, simple minded man, honest and truthful, is the victim every time. If the poor man even unintentionally breaks the law, there is no excuse for him. The Magistrates of the outports fearing the displeasure of their superiors, in the majority of cases, adhere to the letter of the law, and pa^s sentence for the punishment of the innocent and unsuspecting offender. We can't forget the recent case of Moss and the forest fire. Do you think it is right, for this poor man whom we believe to be innocent of intentionally setting the woods on fire, to be made an

Primary source materials

LIBRARY OF CONGRESS

ASK A LIBRARIAN | DIGITAL COLLECTIONS | LIBRARY CATALOGS

Options

GO

The Library of Congress > National Jukebox

NATIONAL JUKEBOX

- National Jukebox
- Browse all Recordings
- Artists
- Genres
- Jukebox Day By Day
- Playlists of Recordings
- Victrola Book of the Opera
- Contact Us
- About the National Jukebox

Print Subscribe Share/Save

National Jukebox

Historical Recordings from the Library of Congress

View Playlist

Search Go

Advanced Search »

WARNING: Historical recordings may contain offensive language. Read the disclaimer »

Library of Congress Audio Player

00:00 / 00:00

LIBRARY OF CONGRESS

About the National Jukebox

The Library of Congress presents the National Jukebox, which makes historical sound recordings available to the public free of charge. The Jukebox includes recordings from the extraordinary collections of the Library of Congress Packard Campus for Audio Visual Conservation and other contributing libraries and archives.

Now Playing...

- Temptation rag
- Little David, play on yo' harp
- I dreamt I dwelt in marble halls
- That slippery slide trombone
- Selection from I pagliacci
- Dreamy days
- If you talk in your sleep, don't mention my name

View This Playlist »

Primary source materials

Yale DAILY BULLETIN

GO

Yale News Yale University

NEWS, EVENTS AND CONVERSATIONS FOR THE YALE COMMUNITY

May 12, 2011

Yale responds to Japan CLICK HERE

Home

Calendar

Bulletin Board

Awards & Honors

Classifieds

Send Us Feedback

Sign up for e-news

Submit an event

Contact us

Digital Images of Yale's Vast Cultural Collections Now Available for Free

posted: May 10, 2011

Print E-Mail Share

Enlarge +

George Stubbs, *Zebra*, 1763, oil on canvas, Yale Center for British Art, Paul Mellon Collection. From the collections of Yale University.

Scholars, artists and other individuals around the world will enjoy free access to online images of millions of objects housed in Yale's museums, archives, and libraries thanks to a new "Open Access" policy that the University announced today. Yale is the first Ivy League university to make its collections accessible in this fashion, and already more than 250,000 images are available through a newly developed collective catalog.

The goal of the new policy is to make high quality digital images of Yale's vast cultural heritage collections in the public domain openly and freely available

Login to the Yale portal

YOUR FEEDBACK

I'd like more of this type of story.

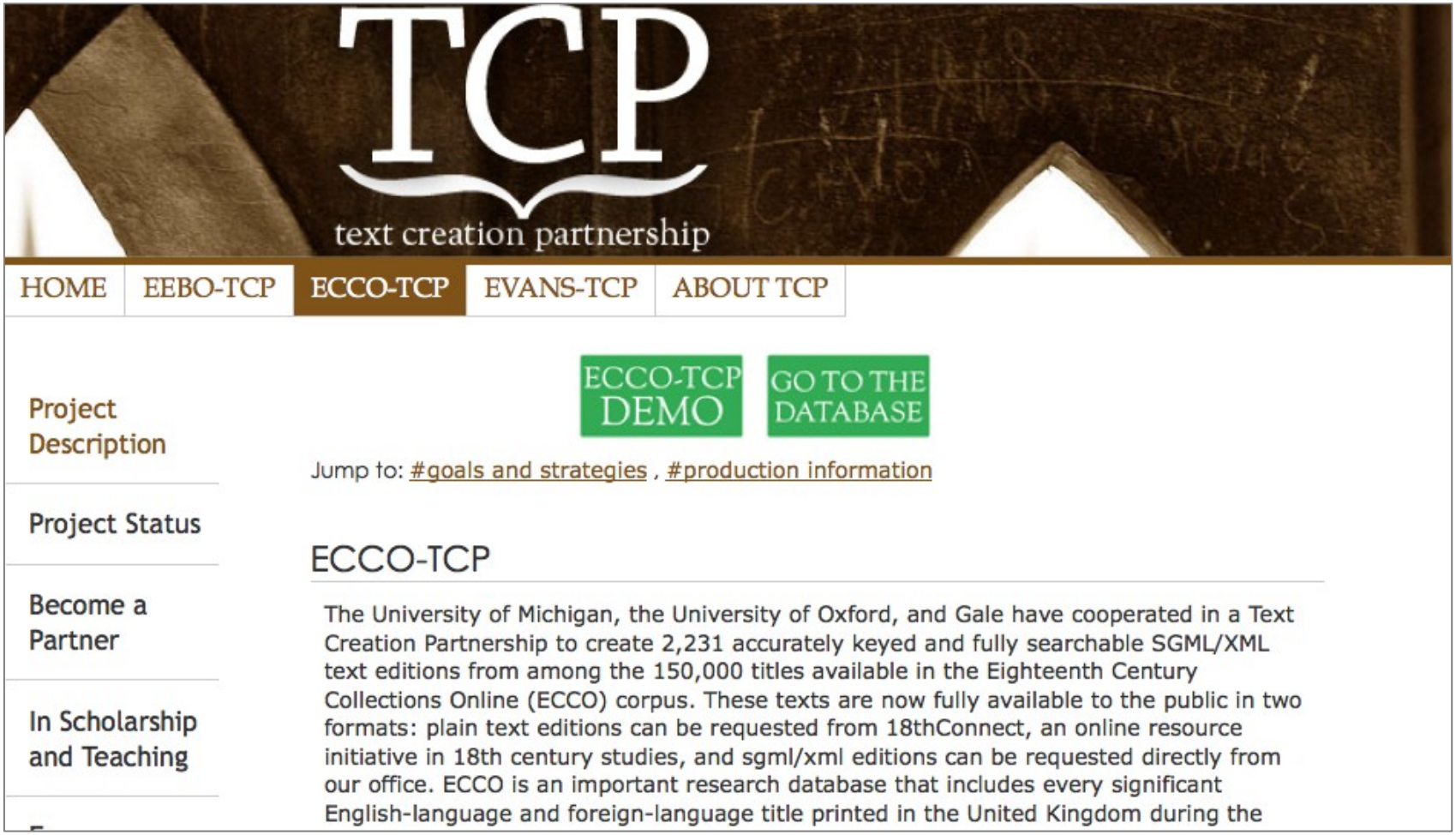
I'd like less of this.

Send us your suggestions:

Send

Large text corpora

Large text corpora



Large text corpora

OUCS | Contact | A to Z | Help | Status | Rules | Oxford University

search OUCS Go!

Oxford University Computing Services

Friday 13. May 2011

Oxford Text Archive: Home | About | News | Catalogue | Contact | Help and FAQ | Search OTA

Please note that some of our resources do not appear in this table. Reasons for this might include that they were deposited with us for preservation only, and not dissemination, or that our legal right to disseminate them has been questioned.

ID	Availability	Title	Language	Author
2541	free	VU Amsterdam Metaphor Corpus	English	Gerard J Steen; Aletta G Dorst; J Berenike Herrmann; Anna A Kaal; Tina Krennmayr
2540	free	Speech, Thought and Writing Presentation Corpus (STWP)	English	Culpeper, Jonathon; Semino, Elena; Short, Mick; Wynne, Martin
2539	restricted	British Academic Written English Corpus	English	Nesi, Hilary; Gardner, Sheena; Thompson, Paul; Wickens, Paul
2537	free	GerManC. A Historical Corpus of German Newspapers 1650-1800	German	Durrell, Martin; Ensslin, Astrid; Bennett, Paul (ed.)
2531	free	The Lancaster Newsbooks Corpus	English	Thomason, George, d. 1666
2530	restricted	Language convergence and grammatical borrowing database	English	

Large text corpora

Home | LJ in Print | Newsletters | Libraries & Librarians | Reviews | Collection Development

Google™ Site Search | Any time | Search

Text-Mining Ahead: HathiTrust Research Center to Open Corpus to Researchers

Share | | RSS | Subscription | Reprint/License | Print | Email

By David Rapp Apr 28, 2011

The digital repository **HathiTrust**, in partnership with technology centers at **Indiana University** and the **University of Illinois at Urbana-Champaign**, recently launched the HathiTrust Research Center, which will leverage the two academic institutions' considerable computing power, and HathiTrust's millions of digitized words, for text-mining projects serving the humanities.

Large text corpora

Google books

Proposed settlement

In-copyright works owned by universities

Non-consumptive purposes

One or two centres

Linguistic Corpora

BRITISH NATIONAL CORPUS

About

What is the BNC?
Creating the BNC
BNC Products
Copyright
Contact Us
Contents A-Z

Using the BNC

What can I do with the BNC?
Using BNC with Xaira
FAQ

Obtaining

About the BNC

The British National Corpus (BNC) is a 100 million word collection of samples of written and spoken language from a wide range of sources, designed to represent a wide cross-section of current British English, both spoken and written. [more]

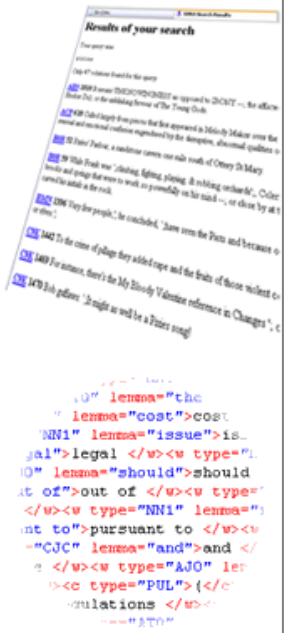
Search the Corpus

Type a word or phrase in the search box and press the Return key on your keyboard to see up to 50 random hits from the corpus.

Look up: Enter text Go

You can search for a single word or a phrase, restrict searches by part of speech, search in parts of the corpus only, and much more.

The search result will show the total frequency in the corpus and up to 50 examples. [more information]



Historical Linguistic Corpora

PPCME2

PPCEME

PPCMBE NEW

Corpus annotation

Penn Parsed Corpora of Historical English

The Penn Historical Corpora, including the Penn-Helsinki Parsed Corpus of Middle English, second edition (PPCME2), the Penn-Helsinki Parsed Corpus of Early Modern English (PPCEME), and the Penn Parsed Corpus of Modern British English (PPCMBE), are syntactically annotated corpora of prose text samples of English from the indicated time periods. Their syntactic annotation (parsing) permits searching not only for words and word sequences, but also for syntactic structure. The corpora are designed for the use of students and scholars of the history of English, especially the historical syntax of the language, and they are publicly available.

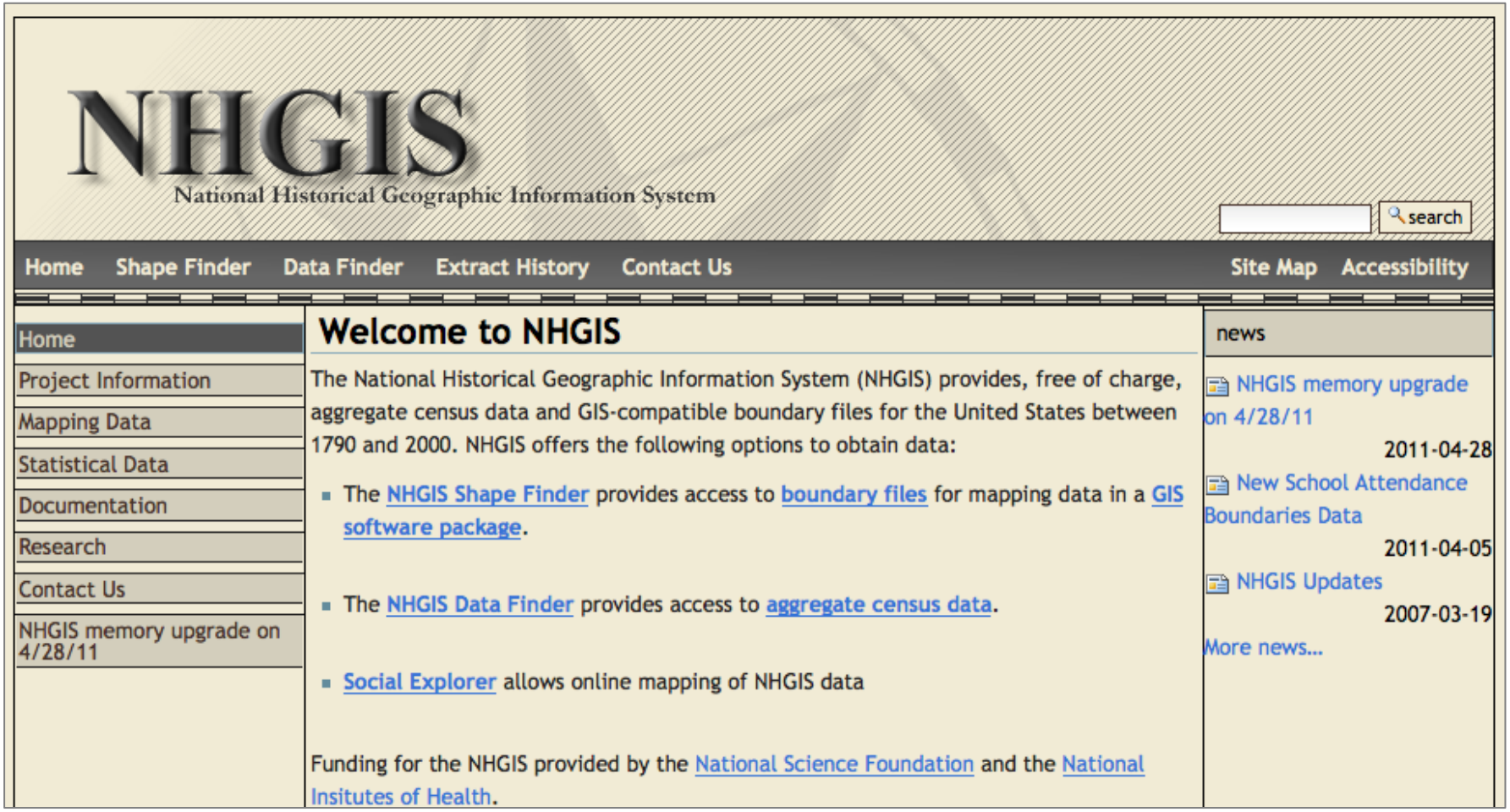
The Penn Parsed Corpora of Historical English are available on CD-ROM. Site licenses for departments/research groups and libraries are also available. See the corpus Order Form for charges. Corpus license fees go toward improving the corpora and increasing them in size. Upgrades, when completed, are available to corpus license holders at a modest cost.

If you currently hold a license for the two older corpora, the PPCME2 and the PPCEME, and wish to obtain the PPCMBE, please contact akrochATgmailDOTcom for upgrade information.

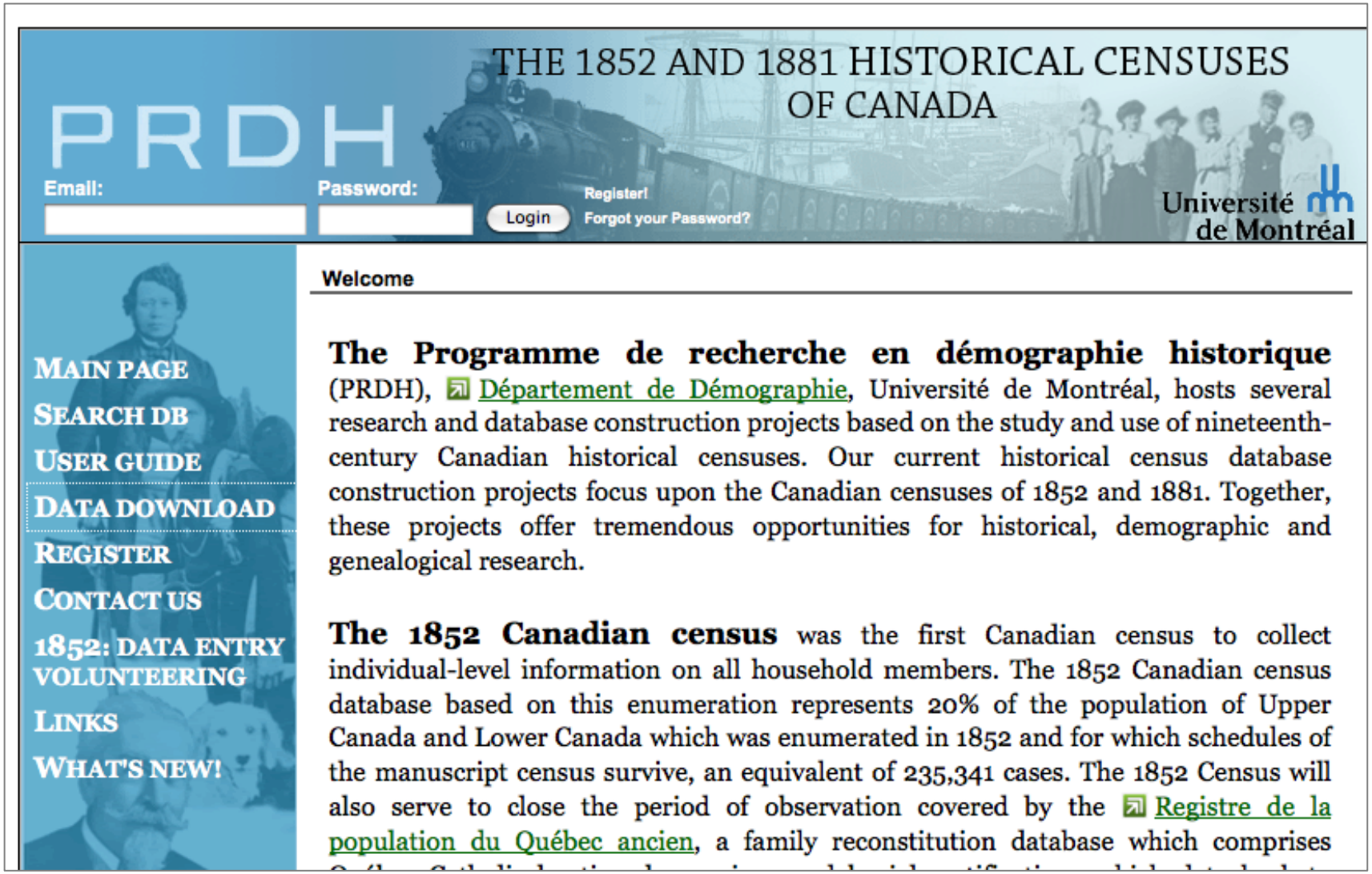
The Penn Historical Corpora are distributed with a search program CorpusSearch2, written by Beth Randall and released as open source software downloadable from its Sourceforge project web site.

- The PPCME2 was created with the support of the National Science Foundation (Grants BNS89-19701 and SBR95-11368), with supplementary support from the University of Pennsylvania Research Foundation.

Historical GIS Data



Historical Census Datasets



PRDH

THE 1852 AND 1881 HISTORICAL CENSUSES OF CANADA

Email: Password: Login Register! Forgot your Password?

Université de Montréal

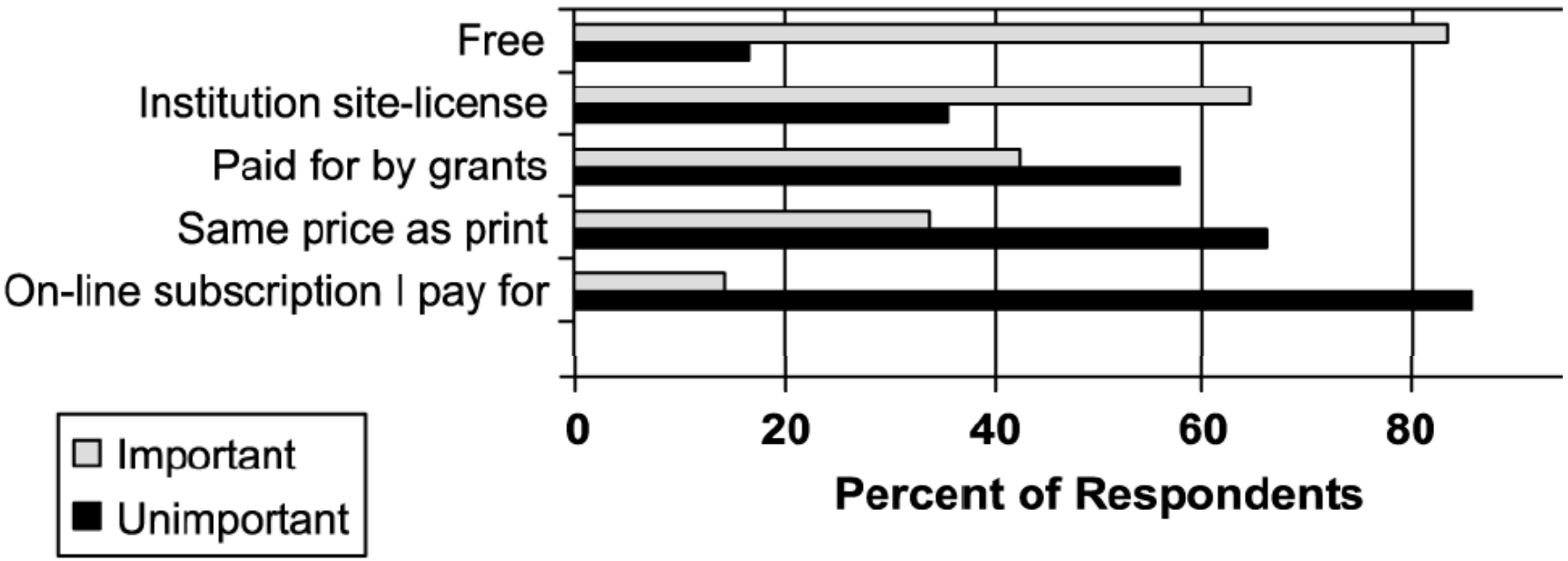
MAIN PAGE
SEARCH DB
USER GUIDE
DATA DOWNLOAD
REGISTER
CONTACT US
1852: DATA ENTRY VOLUNTEERING
LINKS
WHAT'S NEW!

Welcome

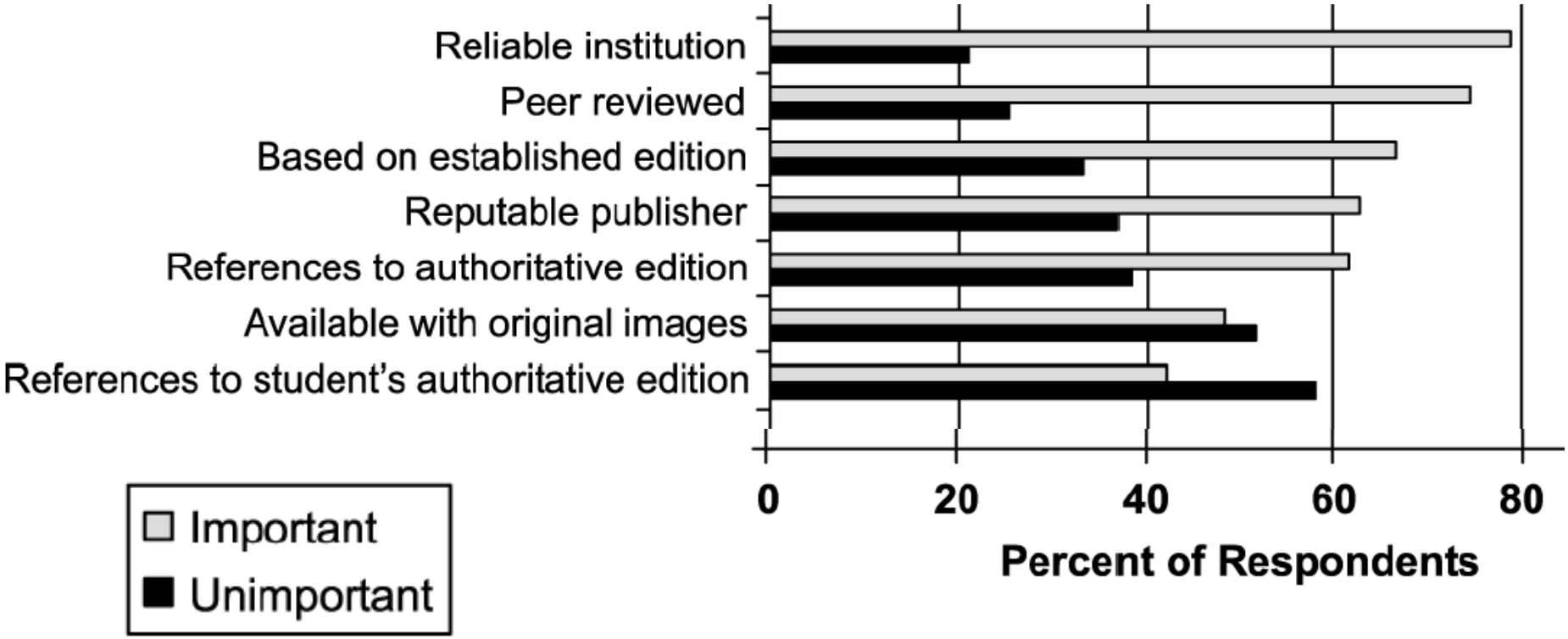
The Programme de recherche en démographie historique (PRDH), Département de Démographie, Université de Montréal, hosts several research and database construction projects based on the study and use of nineteenth-century Canadian historical censuses. Our current historical census database construction projects focus upon the Canadian censuses of 1852 and 1881. Together, these projects offer tremendous opportunities for historical, demographic and genealogical research.

The 1852 Canadian census was the first Canadian census to collect individual-level information on all household members. The 1852 Canadian census database based on this enumeration represents 20% of the population of Upper Canada and Lower Canada which was enumerated in 1852 and for which schedules of the manuscript census survive, an equivalent of 235,341 cases. The 1852 Census will also serve to close the period of observation covered by the Registre de la population du Québec ancien, a family reconstitution database which comprises

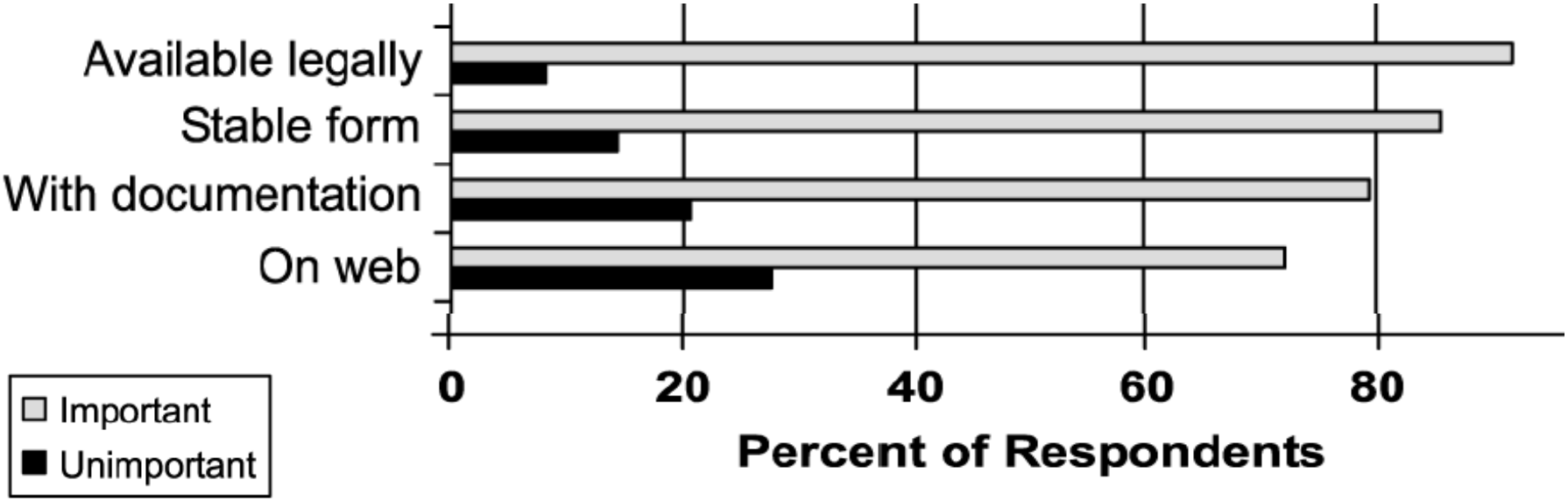
Etext Preferences: Cost



Etext Preferences: Quality



Etext Preferences: Availability



Licensing & Rights

- Multi-layered sources with different licensing conditions.
- Copyright over annotations, data sets, other user-generated information.
- Need for clearly expressed rights info.

Copyright review project

MLibrary

About MLibrary Services Libraries | MGet It Search T

UNIVERSITY OF MICHIGAN

Search MLibrary ArticlesPlus Catalog

Find books, journals, databases, web pages GO

Browse

– Recommended Resources by Subject –

Get He

Ask a Lib

- Copyright Review Management System
- Project Plan
- Project Updates & Presentations
- Project Staff
- Participation
- Copyright Review Documentation
- Sharing Rights Determinations

Copyright Review Management System - IMLS National Leadership Grant

copyright review management system

In 2008, the University of Michigan Library was awarded a National Leadership Grant from the Institute of Museum and Library Services to create a Copyright Review Management System (CRMS). The purpose of the project is to increase the reliability of copyright status determinations of books published in the United States from 1923 to 1963 in the HathiTrust Digital Library, and to help create a point of collaboration with other institutions. Hundreds of thousands of books were published in the United States between 1923 and 1963, and although many of these are likely to be in the public domain, individuals must manually check their copyright status to make a determination. If a work is

Library Role: Sources

- Acquire & preserve primary sources
- Digitization & transcription
- Open, flexible formats
- Large text aggregations
- Data sets
- Licensing & copyright

Digital Humanities Metadata

Traditional Metadata

- Access to print collections
- Authorities
- Thesauri
- Bibliographies
- Indexes
- Concordances

Finding Aids: Primary Sources

LIBRARY OF CONGRESS | ASK A LIBRARIAN | DIGITAL COLLECTIONS | LIBRARY CATALOGS

The Library of Congress > Researchers > Search Finding Aids > Thomas Jefferson papers, 1606-1943

Thomas Jefferson papers, 1606-1943

Search this Finding Aid [ ] all words Search

Search All Finding Aids | Help | Contact Us

Overview | Contents List | Index Terms | Using this Collection | Search Results | Print/Download

Title Page | Collection Summary | History of the Collection | Scope and Contents | Arrangement

Collection Summary

Title	Thomas Jefferson papers, 1606-1943
Span Dates	1606-1943
Bulk Dates	(bulk 1775-1826)
ID No.	MSS27748
Creator	Jefferson, Thomas, 1743-1826
Extent	25,000 items ; 225 containers plus 9 oversize ; 90 linear feet ; 65 microfilm reels
Language	Collection material in English
Location	Manuscript Division, Library of Congress, Washington, D.C.
Summary	United States president, vice president, and secretary of state; diplomat, architect, inventor, planter, and philosopher. Correspondence, official statements and addresses, including a rough draft of the Declaration of Independence, plantation and personal accounts, notebook, fee book, case book, garden book, farm book, calculations of interest, records of early Virginia laws and history and other writings on political, legal, educational, and scientific matters, newspaper clippings, and other papers.

Finding Aids: Data Sets

An Official Web Site of the United States Government

Sign Up Sign In

DATA.GOV
EMPOWERING PEOPLE

HOME | NEXT GENERATION | RAW DATA | APPS | GEODATA | COMMUNITY | METRICS | OPEN DATA SITES | GALLERY | WHAT'S NEW

census

Clear All Options

View Types
- Datasets
- External Datasets
- Files and Documents
- Filtered Views
- Charts
- Maps
- Calendars
- Forms

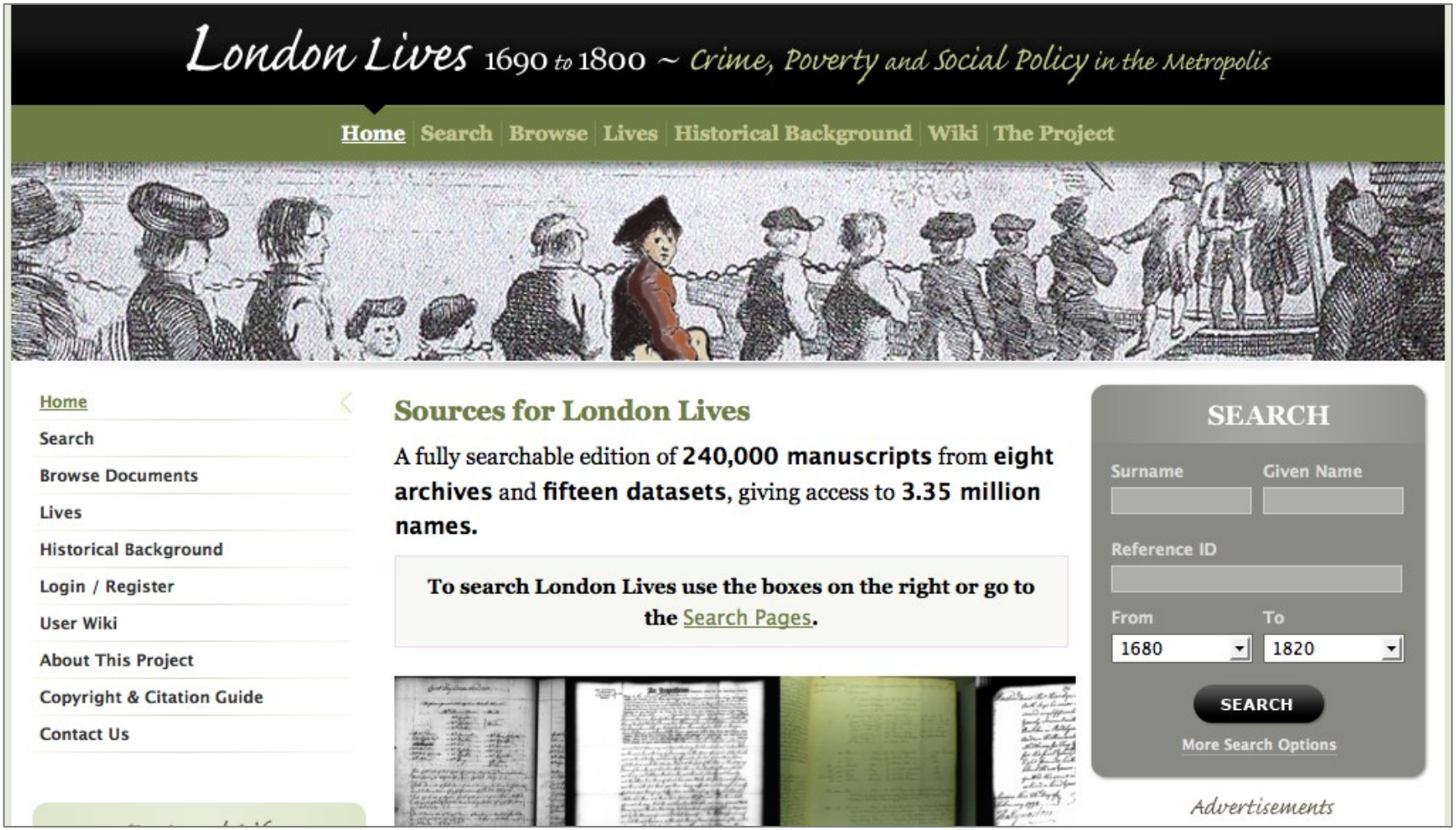
Filter By
- Raw Data
- Data Extraction Tools
- RSS Feeds
- Widgets & Gadgets

Results for "census"

Most Accessed | This week

	Name	Popularity	Type
1.	**Data.gov Catalog** Other dataset, metadata, catalog, data extraction tool, ... An interactive dataset containing the metadata for the Data.gov raw datasets	550 views	
2.	**U.S. City and County Web Data** Geography and Environment county websites, city websites, ... This geographic names data set provides a "mashup" of URLs for city and	162 views	
3.	**Central Contractor Registration (CCR) FOIA Extract** Information and Communications vendor, registration, contractor, duns number This dataset lists all government contractors previously available under FOIA.	97 views	
4.	**American FactFinder** Population language, number of rooms, renters, marital status, ... American FactFinder is the U.S. Census Bureau's online, self-service tool	63 views	
5.	**2010 Census TIGER/Line Shapefiles** Geography and Environment American Indian, ... 2010 extracts containing geographic and cartographic information from the	78 views	
6.	**Labor Force Statistics from the Current Population Survey** Labor Force, Employment, and Earnings College enrollment and work activity of high schoo... The Current Population Survey (CPS) is a monthly survey of households	62 views	

Name Authorities



Name Authorities

Specialized Thesauri

cessda

Council of European Social Science Data Archives

Welcome lgoddard@mun.ca. You are logged in as General User.

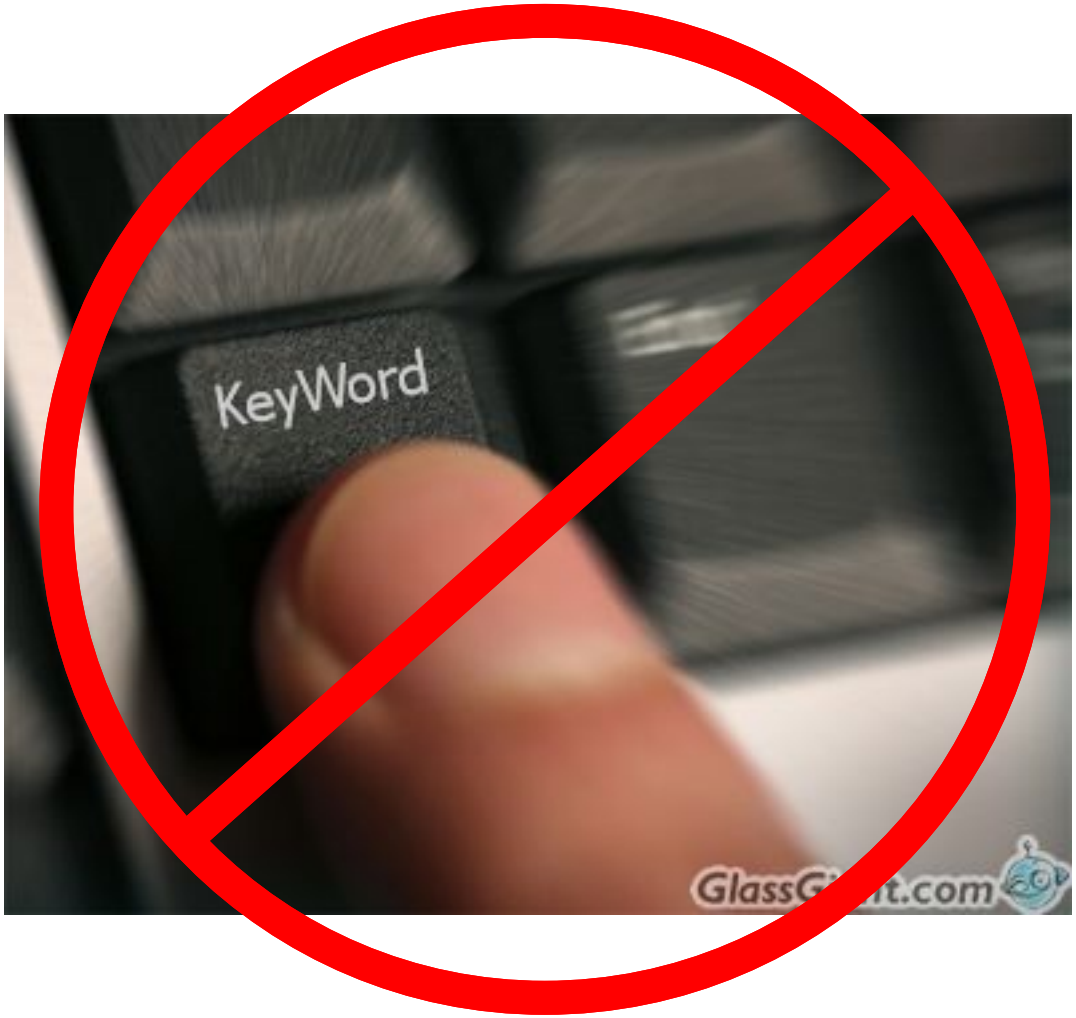
Home | Thesaurus Search | User Guide | Log Out

European Language Social Science Thesaurus (ELSST)

ELSST is a broad-based multilingual thesaurus for the social sciences. Originally based on the monolingual thesaurus Humanities and Social Science Electronic Thesaurus (HASSET) of the UK Data Archive at the University of Essex, ELSST has been developed over the years by the members of the Council of European Social Science Data Archives (CESSDA) for use in an international setting. Its main aim is to facilitate access to data resources across Europe, independent of domain, resource, language and vocabulary. ELSST is used to aid retrieval in the multinational CESSDA data portal.

The source version of ELSST is the English thesaurus. The thesaurus is currently translated into eight other languages: Danish, Finnish, French, German, Greek, Norwegian and Spanish and Swedish. Translation into further languages is planned.

Full Text Markup
Text Encoding Initiative (TEI)



Metadata: TEI

```
<div n="castlist” type="DramatisPersonae"
   org="uniform" sample="complete"> <castList>
    <head>Dramatis Personae</head>
    <castItem type="role">
        <role xml:id="wag">Wagner</role>
    </castItem>
…</castlist>
</div>
```

Metadata: TEI

```
<sp who="wag">
  <lb xml:id="l204"/>
   <p>For is he not
      <foreign xml:lang="la">
      Corpus naturale
      </foreign>?
   </p>
</sp>
```

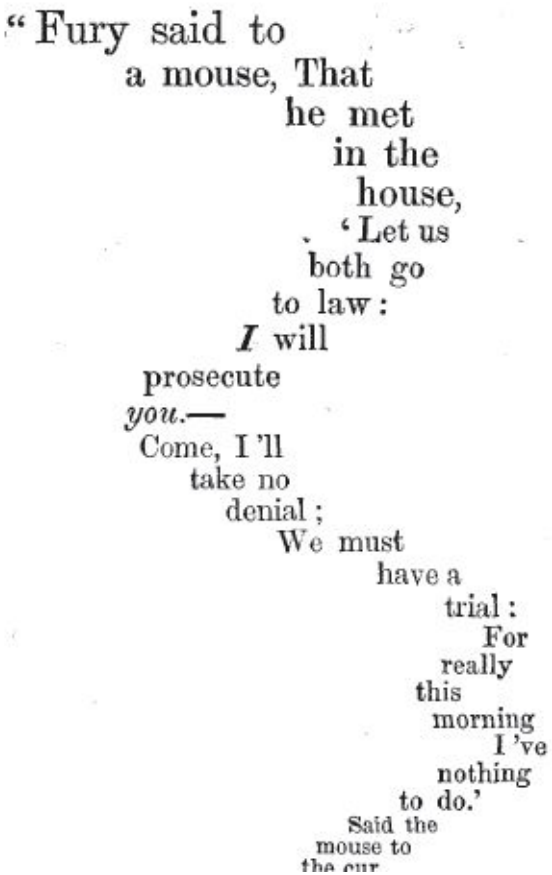
Metadata: TEI

```
<l xml:id="l26">Nothing so sweet as
<choice>
<orig>Magicke</orig>
<reg>magic</reg>
</choice> is to him;</l>
```

Metadata: TEI

```
<metDecl pattern="((+|-)+\|?/?)*">
    <metSym value="trochee" terminal="false">+-</metSym>
    <metSym value="iamb" terminal="false">-+</metSym>
    <metSym value="spondee" terminal="false">++</metSym>
    <metSym value="pyrrhic" terminal="false">--</metSym>
    <metSym value="amphibrach" terminal="false">-+-</metSym>
    <metSym value="anapaest" terminal="false">--+</metSym>
    <metSym value="+">metrical prominence</metSym>
    <metSym value="-">metrical non-prominence</metSym>
    <metSym value="|">foot boundary</metSym>
    <metSym value="/">metrical line boundary</metSym>
</metDecl>
```

Metadata: TEI


"Fury said to
a mouse, That
he met
in the
house,
'Let us
both go
to law:
I will
prosecute
you.—
Come, I'll
take no
denial;
We must
have a
trial:
For
really
this
morning
I've
nothing
to do.'
Said the
mouse to

```
<l rend="font-size(100%) indent(5px)">both go</l>

<l rend="font-size(100%) indent(-7px)">to law:</l>

<l rend="font-size(100%) indent(-23px)"><hi rend="italic">I</hi> will</l>

<l rend="font-size(100%) indent(-26px)">prosecute</l>

<l rend="font-size(90%) indent(-40px)"><hi rend="italic">you.</hi> —</l>
```

Controlled Vocabularies

SUNDAY, 20. Battle
May the Lord grant that I may never
spend another day, li
We changed position and at 1 P.M.
we went into heavy action and all
the dread and horrid scenes of Battle
and fought till night and ammun-
ition was gone, with great credit, but much
loss to the 121st O.V.I. God alone spared me.

Chickamauga, Battle of, Ga., 1863

Controlled Vocabularies

On the march A splendid fire of Cedar rails afforded us to make a

<seg type="food">cup of coffee and fry fresh mutton**</seg>**

Metadata: Library Role

- Metadata crosswalks
- Controlled vocabularies
- Thesauri & taxonomy
- Name authorities
- Text mark-up

Digital Humanities Preservation

Preservation: Library Role

- Storage infrastructure
- Digital objects & texts
- User generated annotations
- User generated data sets
- Software environments & tools
- Preservation metadata
- Long term access

Library Support for Digital Humanities

- Sources
- Licensing
- Digitization
- Metadata
- GIS & Data
- Sharing
- Preservation

Thank you.

Lisa Goddard

Scholarly Communications Librarian

lgoddard@mun.ca

http://www.library.mun.ca/goddard.php