Session: Digital Humanities and the DM2E project

A first course on computerized tools for the Humanities: Digital Humanities

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Examples
"Mapping the Republic of Letters" is a collection of case studies exploring the exchange of ideas within the Republic of Letters from a number of different angles.
Republic of Letters networks

CASE STUDIES

Francesco Algarotti’s Rovarosa: Grand Tour, Travels, Publications, and Letters

Visualizing Benjamin Franklin’s Correspondence Network

Mapping Galileo

An Intellectual Map of Science in the Spanish Empire, 1600-1810

Grand Tour Travelers

A Jesuit’s Letters: Mapping Athanasius Kircher’s Correspondence

Voltaire and the Enlightenment
ConflictHistory.com utilizes the Freebase API and Google Maps Flash to present a dynamic view of the history of war. Note that the Freebase API provides text primarily from Wikipedia at this time, and when you click on a battle, you can go to the source article (on Wikipedia) or edit the information on Freebase.
Freebase: an open linked data database service

An entity graph of people, places and things, built by a community that loves open data.

http://www.freebase.com

google-refine
Google Refine, a power tool for working with messy data (formerly Freebase Gridworks)
Welcome to the Philosource Websites

Pre-Socratics Source
The famous collection of Presocratic thinkers in ninety chapters edited by H. Diele and W. Kranz, with the parallel Italian translation edited by G. Giannantoni.

Socrates Source
The collection of testimonies Giannantoni.

Diogenes Laertius Source
Lives and opinions of eminent Marcovich and the Italian philological notes.

Modern Source
A selection of primary sources Modern Age from Giordano Brun.

Nietzsche Source
Nietzsche Source publishes the digital facsimile edition of Nietzsche's works and manuscripts, based on the original documents held at the Klassik Stiftung Weimar. It also makes available the electronic version of the reference critical edition of works edited by Giorgio Colli and Mazzino Montinari.

Wittgenstein Source
Wittgenstein Source currently provides access to 5,000 pages of Wittgenstein's Nachlass materials in facsimile edition and more than 1,000 pages in text edition.

Sophiavision Source
Sophiavision currently contains 308 videos from the archives of Radiotelevisione Italiana (RAI) and from our series of new interviews, which cover a number of authors and topics through the history of philosophy.
Ontology based annotation for Philosophy texts

Synthese (2011) 182:235–267

Fig. 11 Screenshot of the PhiloSurfical application
A formal model for describing Philosophical ideas

CIDOC-CRM event centered

A formal model for describing philosophical ideas:

Argument-entity.
Problem-area.
Problem.
Method.
View: Thesis, Theory, Philosophical-system, School of thought.
Rhetorical figure.
Concept.
Distinction.
Transformation of the Scholarly Work Cycle
Changes in the scholarship work flow


Fig. 3 Scholarly information continuum ... going digital!
"Scholarly Primitives: what methods do humanities researchers have in common, and how might our tools reflect this?"


By John Unsworth

Discovering
Annotating
Comparing
Referring
Sampling
Illustrating
Representing
Leading Projects
Scholarly services
Document Mapping; Concordance; Collocation/Cloud; Frequency; Morphological Analysis; Syntactic Analysis; Named Entity Identification; Proxied SEASR Analytics
Calenda Digital Humanities

- Mondes numériques : expérimentation et innovation technologique pour l'humain et la société (MONEITHS)
  Le 3 Octobre 2012
- Mondes numériques : expérimentation et innovation technologique pour l'humain et la société (MONEITHS)
  Le 3 Octobre 2012
- Historical Documents in the Digital Age
  Le 28 Septembre 2012
- Historical Documents in the Digital Age
  Le 28 Septembre 2012

> Plus d'informations

Le CLEO : Centre pour L'Édition électronique Ouverte

- ThatCamp Paris 2 : les non-actes de la non-conference sont en ligne
  Le 9 Octobre 2012
About

The grand vision for DARIAH is to facilitate long-term access to, and use of, all European Arts and Humanities (A-H) digital research data. The DARIAH infrastructure will be a connected network of people, information, tools, and methodologies for investigating, exploring and supporting work across the broad spectrum of the digital humanities. The core strategy of DARIAH is to bring together national, regional, and local endeavours to form a cooperative infrastructure where complementarities and new challenges are clearly identified and acted upon.

One outstanding example of these kinds of infrastructures was initiated by our French partners.

**ISIDORE** ("Service integration, data interconnect research and education") is a tool that collects, enriches and provides a unified data access digital humanities and social sciences. It is created by TGE-ADONIS, realised by a consortium with Antidot, Mondeca and...
Judaica Europeana – digital humanities events

http://www.judaica-europeana.eu/events.html

- 30 July 2010, University of Bologna, Ravenna Campus at the EAJS Congress
  The Judaica Europeana Digital Humanities Workshop
  sponsored by COST Action 32 Open Scholarly Communities on the Web

- 7 October 2010, National Library of Israel and COST Interedition
  Workshop: Judaica Europeana and Interedition:
  Tools and methodologies used in the field of digital scholarly editing and research.

- 6-10 July 2011, Goethe University Frankfurt/Main
  Summer School for PhD Students in Modern European Jewish History and German Jewish Studies
  The Judaica Europeana Workshop on digitized primary resources for Jewish studies led by
  Rachel Heuberger

- 11 August 2011, National Library of Israel, Jerusalem
  Semantic MediaWiki and the Haskala Project: Building a modern Jewish Republic of Letters in the
  18th and 19th Century using the Semantic Web
  The National Library of Israel and Judaica Europeana workshop

- 26 September 2011, King’s College London
  Workshop on Semantic MediaWiki: a tool for collaborative databases
  Judaica Europeana Haskala Database with Yaron Koren

  Workshop on Judaica Europeana and Digital Humanities at the British Library
Which printing houses took part in the Haskalah, and in which places were they active?

What was the range of activities of a certain maskil as author, translator, commentator, financer, subscriber etc?

Data Processing

What was the life span and the influence of Haskalah books in later periods?

What are the central genres and topics of Haskalah literature?

What were the connections between Haskalah literature and the books written by Jews as part of the general enlightenment?

What were the social profiles of the maskilic writers (origin, age, profession, social contacts)?
About DM2E

DM2E is a European Commission funded project with two primary aims:

1. To enable as many content providers as possible to get their data into Europeana
2. To stimulate the creation of new tools and services for re-use of Europeana data in the Digital Humanities

Europeana and Building the Open Cultural Heritage community

DM2E will develop the tools needed to convert content from diverse metadata sources into the Europeana Data Model. DM2E will also catalyse an active community of cultural heritage institutions wanting to openly license their metadata and submit it to Europeana through a series of hands-on workshops, scholarships and educational documentation provided through the Open GLAM initiative.

DM2E and the Digital Humanities

DM2E will develop new tools for use within the Digital Humanities community. Italian SME Net7 will lead this work guided by a high-profile Advisory Board.

Work will focus on the development of two cutting edge tools drawn from Net7’s well-know Muruca stack:

1. Korbo – an aggregation platform for Europeana Linked Data allowing users to create baskets of cultural content
2. Pundit – a light-weight and easy to use semantic annotation tool
KORBO
The semantic basket manager

Korbo is a Semantic Web basket manager. It allows users to search, import and augment Linked Data resources. Personal augmented collections created with Korbo, are then republished in the Linked Data cloud. Korbo is part of the Muruca suite.

Architecture
Korbo aims at providing a coherent environment for users to aggregate semantically structured description of digital objects (in the form of RDF data), coming from different metadata providers, into personal baskets and to enable augmentation of such collected data relying on external, specific tools.

API
The KORBO platform was born with a complete set of API in order to stimulate the reuse of collected and augmented data by developers in building new application based on generic data model or specific ones.

Demo
You can find a KORBO live demo version at http://korbo.netseven.it. Upon registration, you can play with the very draft GUI, creating and managing baskets and populating them with items. Then you can annotate items with the built in Punctil application or, if you are a developer, play with the basket REST API.
Pundit is a novel semantic annotation and augmentation tool. It enables users to create structured data while annotating web pages.

Annotations span from simple comments to semantic links to web of data entities (as Freebase.com and Dbpedia.org), to fine granular cross-references and citations. Pundit can be configured to include custom controlled vocabularies. In other words, annotations can refer to precise entities and concepts as well as express precise relations among entities and contents. Read more on semantically structured annotations.

Pundit is designed to enable groups of users to share their annotations and collaboratively create structured knowledge.

Pundit has been developed by Semedia at Università Politecnica delle Marche within the SAML EU project.

At the moment the project is in its first almost stable release, having its key functionalities up and running. Development is now focused on improving the UI and the collaborative experience.

This 6 minutes video shows Pundit in action and demonstrates its main functionalities. We strongly recommend you to have a look at it before trying Pundit live.

Or have a look at this short presentation introducing Pundit.
(View more presentations from Netseven)
Components of the course 30390: A practical workshop on Digital Humanities resources in the Web

Tools

- Reference tools such as: Zotero and Mendeley
- Annotation tools
- Collation tools
- Creating Mashups
- Collaborative tools
- Narratives and presentation

Infrastructures

- Digital Libraries
- Text/Data Mining
- WordNets and other Hebrew language resources
- Historical Dictionary of the Hebrew Language
- Linked Data, Semantic Web and the role of vocabularies
- Grip Cloud computing
http://dm2e.eu

Thank you for your attention!

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