

Linked Open Data Directed Reading

ENGL 6801-02

Instructors:

Susan Brown
Kim Martin

Description:

This course will provide students a survey of Linked Open Data with a focus on tools and scholarship within the context of digital humanities research.

HIST*4170 (Exploring Digital Humanities -- please see attached reading schedule) provides an introductory foray into digital humanities as a practice, a toolset, and a community. This course draws on HIST*4170 for context but turns its focus to LOD as a methodology that complicates notions of data curation and knowledge formation.

In this reading course, students will map out the current LOD landscape with a particular focus on humanities-based research, pausing to consider whether (and if so, how) LOD can benefit from humanities-driven scholarship. The last three weeks will be devoted to gathering and reading sources related to each student's particular area of focus as it develops over the course of the semester.

The major assignment for the course is an extensive annotated bibliography and literature review that takes stock of this emerging field. The annotated bibliographies may be presented in different forms depending on the student's research interests.

Assignments

Bi-weekly reading responses (1000 words) 35% (4@8.75% each)

***Last response must come from other student's annotated bibliography (Due Dec 1st)

Extensive Annotated Bibliography (25-30 sources) 20%

Literature Review of 2000-3000 words 25%

Tool Review (HIST*4170) 10%

Seminar Lead (HIST*4170) 10%

Other requirements include:

→ weekly reading response posts for HIST*4170

→ attending HIST*4170 classes

→ update/collaborate on Brown and Simpson's "Survey" paper (See Week Three)

Meetings

At least every two weeks (10AM on Thursdays, unless otherwise noted), including relevant DigiReads meetings.

Reading Schedule

n.b. LOD readings are to be read in addition to HIST 4170's readings

Week/Date	Topic	LOD Readings	LOD Tools
1 Sept 12th	Intro to Semantic Web and LOD	"Introducing Linked Data and The Semantic Web." (n.d.). <i>LinkedDataTools</i>. Retrieved April 3, 2014, from http://www.linkeddata-tools.com/semantic-web-basics. Five-Star Open Data Berners-Lee, T. (2010) "Open, Linked Data for a Global Community." In Gov 2.0 Expo 2010. http://www.youtube	Eduardo Urbina. Cervantes Project. http://cervantes.tamu.edu/V2/CPI/index.html. <i>This project has many facets developed over two decades showing how digital humanities has approached the challenge of presenting information on the web over that time.</i> Edward L. Ayers. The Valley of the Shadow. http://valley.lib.virginia.edu/. <i>The Valley of the Shadow is a classic</i>

		.com/watch?v=ga1aSJXCFe0 .	<i>example of a digital humanities project published on the web in the mid- to late-1990s.</i>
2 Sept 19th	Why LOD? - RDF and Ontologies	Warren, R. (n.d.). "Linked Data Basics for Techies." http://openorg.ecs.soton.ac.uk/wiki/Linked_Data_Basics_for_Techies Berners-Lee, T. (n.d.). "Linked Data - Design Issues." Retrieved April 3, 2014, from http://www.w3.org/DesignIssues/LinkedData.html Miller, E. (1998). "An Introduction to the Resource Description Framework." <i>D-Lib Magazine</i>, 4(5). Retrieved from http://www.dlib.org/dlib/may98/miller/05miller.html Zotero: LODLAM. Vocabularies and Ontologies.	FOAF https://en.wikipedia.org/wiki/FOAF_(ontology) BIBO Getty vocabularies Library and Archives Canada, and partners: Out of the Trenches https://www.youtube.com/watch?v=qd46-uEI-C4
3 Sept 26th	LOD in the Humanities	Brown, S. and Simpson, J. " The Emergence of Linked Data in the Humanities "	Indiana Philosophy Ontology (InPho) LODBook

		Cope, B., Kalantzis, M. and Magee, L. (2011). <i>Towards a Semantic Web: Connecting knowledge in academic research</i>. Chandos. Smith, J. (2016). "Working with the Semantic Web." In Compton, Lane, and Siemens (eds.) <i>Doing Digital Humanities</i>. Routledge.	
4 Oct 3rd	LOD and Data Viz	Dimou, A., De Vocht, L., Van Grootel, G., Van Campe, L., Latour, J., Mannens, E., & Van De Walle, R. (2014). "Visualizing the information of a Linked Open Data enabled Research Information System." <i>Procedia Computer Science</i>, 33, 245–252. Pattueli, M. C., Miller, M., Lange, L., Fitzell, S., & Li-Madeo, C. (2013). "Crafting Linked Open Data for Cultural Heritage: Mapping and Curation Tools for the Linked Jazz Project." <i>Code4Lib Journal</i>, (21), 4.	HuViz Linked Jazz https://linkedjazz.org/

5 Oct 10th	DH Panel Collaboration & Best Practices	Crompton, C. and Siemens, R. (2015). “Playing Well with Others: The Social Edition and Computational Collaboration.” <i>Scholarly and Research Communication</i> . 6.3 (2015)	Shelley-Godwin Archive. http://shelleygodwinarchive.org/ . <i>This archive is an example of using Open Annotation and Shared Canvas to produce a digital facsimile edition.</i>
6 Oct 17th	Can LOD benefit from Humanities driven Scholarship?	Brown, S. and Simpson, J. (2013). “The Curious Identity of Michael Field and its Implications for Humanities Research with the Semantic Web”. Retrieved from https://sites.ualberta.ca/~jes6/portfolio/assets/curiousidentityofmichaelfield-brownsimpson.pdf Dean-Hall, A. and Warren, R. (2013). “Sex, Privacy, and Ontologies.” <i>SEXI</i> . Rome, Italy. Halpin, H. et al. “When owl:sameAs isn’t the same: An analysis of identity in linked data.” <i>International Semantic Web Conference</i> . Springer Berlin-Heidelberg, 2010.	CWRC www.beta.cwrc.ca

7 Oct 24th	Network Analysis, Mapping, Crowdsourcing	Liu, A. (2011). “Friending the Past.” <i>New Literary History</i> 42(1). Verhoeven, D. (2016). “As Luck Would Have It.” <i>Feminist Media Histories</i>, 2(1). (also in Slack)	RoSE Gephi Pelagios HuNI
8 Oct 31st	Methodology	Davis, I. and Dodds, L. (2011). “Linked Data Patterns: A Pattern Catalogue for Modeling, Publishing, and Consuming Linked Data.” <i>Linked Data Patterns.</i> Klusch, M. ed. (1999). Intelligent Information Agents: Agent-Based Information Discovery and Management on the Internet. Springer Berlin-Heidelberg.	Open Annotation Data Model Situated Networks and Archival Contexts (SNAC) Prototype Plus: http://inkdroid.org/2011/ 03/31/snac-hacks/)
9 Nov 7th	Aggregation, Open Linking, and Big Data	Barbera, M. “Linked (open) data at web scale: research, social and engineering challenges in the digital humanities.” <i>Italian Journal of Library</i>, 4(1).	NINES http://www.nines.org/ Europeana. http://www.europeana. eu/. <i>Europeana is an aggregator providing</i>

		Sanderson, R. (2013). " Resource Description Failures and Linked Data Letdowns ." <i>Journal of Digital Humanities</i> , 2(3).	<i>metadata about and pointers to European digital cultural objects.</i> Digital Public Library of America
10 Nov 14th	Extended Annotated Bibliography Work	Tim Sherratt http://discontents.com.au/stories-for-machines-data-for-humans/	To be determined by students
11 Nov 21st	Extended Annotated Bibliography Work Bring intro to Lit Review and work-in-progress bibliography	To be determined by students	To be determined by students
12 Nov 28th	Extended Annotated Bibliography Work 3 reading response due by Nov 24th All reading responses due by Dec 1st	To be determined by students	To be determined by students

Literature Review and polished bibliography due December 12th.

Special thanks to Jim Smith and his DHSI course on RDF and Linked Data, which we've mined for readings and folded in here.