“Digital Humanities is not a unified field but an array of convergent practices that explore a universe in which: a) print is no longer the exclusive or the normative medium in which knowledge is produced and/or disseminated; instead, print finds itself absorbed into new, multimedia configurations; and b) digital tools, techniques, and media have altered the production and dissemination of knowledge in the arts, human and social sciences. The Digital Humanities seeks to play an inaugural role with respect to a world in which, no longer the sole producers, stewards, and disseminators of knowledge or culture, universities are called upon to shape natively digital models of scholarly discourse for the newly emergent public spheres of the present era (the www, the blogosphere, digital libraries, etc.), to model excellence and innovation in these domains, and to facilitate the formation of networks of knowledge production, exchange, and dissemination that are, at once, global and local.”

20th Century Digital Humanities Chronology

1940s: Computer Centers founded (Tuebingen, Oxford, NCSA)
1960s: Scholarly Societies and Journals formed (ACH, ALLC)
1980s: Standards efforts published (TEI)
1990s: large scale Library Digitization & creation of Digital Humanities Centers


Digital Humanities Defined as an Array of Practices.

Examples of a few projects around clusters

Clusters around Computing

- Europeana http://www.europeana.eu/portal/
- Gallica http://gallica.bnf.fr
- GoogleBooks http://books.google.com/
- Index Thomisticus www.corpusthomisticum.org/it/
- Internet Archive http://archive.org/
- Perseus Digital Library http://www.perseus.tufts.edu/hopper/

Organizations as access points for digital libraries

- centerNet  http://digitalhumanities.org/centernet/
- Digital Library Federation http://www.diglib.org/
- Open Content Alliance http://www.opencontentalliance.org/

Research Centers for text data

1 Heidi Madden, PhD MLS
• Google Ngram Viewer [http://books.google.com/ngrams/]
• Hathi Research Center [http://www.hathitrust.org/htrc]
• JSTOR Data for Research [http://dfr.jstor.org/]

Clusters around Public Discourse, Crowdsourcing and Blogging

• 4Humanities [http://humanistica.ualberta.ca/about/]
• Arts and humanities Net [http://www.arts-humanities.net/]
• Bill-Crit-O-Matic [http://billcritomatic.org/] (network of Shakespeare scholars)
• DH Commons [http://dhcommons.org/]
• Digital Archive of Japan’s Disaster [http://www.jdarchive.org/?la=en]
• Egypt Voices from Cairo [http://egypt.hypercities.com/]
• HASTAC Humanities, Arts, Science, and Technology Advanced Collaboratory [http://hastac.org/]
• MediaCommonsPress [http://mediacommons.futureofthebook.org/mcpress/]
  *Book Project [http://mediacommons.futureofthebook.org/mcpress/plannedobsolescence/]
• LIKES Living in the KnowlEdge Society Community Building project [http://www.likes.org.vt.edu/]
• Nines: networked infrastructure for 19thcentury scholarship [http://www.nines.org/]
• Plagiarism wiki [http://de.vroniplag.wikia.com/wiki/Home]
• Pyramids [www.gizapyramids.org] (used for instruction)
• Spatial Humanities [http://spatial.scholarslab.org/]
• Stanford Literary Lab [http://litlab.stanford.edu/]
• Transcribe Bentham [http://www.uel.ac.uk/transcribe-bentham/]
• Writing History in the Digital Age [http://writinghistory.trincoll.edu/]

Publishing Platforms (to enable audience participation in creating content)

• Blogging platforms: [http://hypotheses.org/]
• FEDORA & Fedora Commons. FEDORA (Flexible Extensible Digital Object Repository Architecture) [http://fedora-commons.org/]
• Hypercities [http://hypercities.com/] (various projects)
• MONK [http://monkproject.org/] (texts and tools)
• Omeka [http://omeka.org/]
• Scalar [http://scalar.usc.edu/ scalar/showcase/]
  Goggle Cultural Institute [http://www.google.com/culturalinstitute/about/]
• Vectors (a journal and a blog) [http://vectorsjournal.org/journal/blog/]
• VisualEyes [http://www.viseyes.org/]

DH communities blogging at Conferences

• Digital Humanities Conference 2013 [http://dh2013.unl.edu/]
• HRTC Uncamp -HathiTrust Research Center [http://d2i.indiana.edu/htrc/uncamp2012/]
• MLA DH Discussion groups [http://www.mla.org/discussion_groups]
• THAT Camp [http://thatcamp.org/]
• Twitter [https://twitter.com/] #thatcamp #mla13 #dhdebates #transformdh #altac #DayofDH
• Glossary of Digital Humanities (a collaborative GoogleDoc!)  
https://docs.google.com/document/d/129_260mbp6C6Jaqym1mhMTXA1sv7YYQ0OLsAOAOoCJE/edit

Larger Infrastructure

• DARIAH (EU) Digital Research Infrastructure for the Arts and Humanities  
http://www.dariah.eu/
• Digging into Data Challenge  
http://www.diggingintodata.org/
• Our Cultural Commonwealth: The report of the American Council of Learned Societies Commission on Cyberinfrastructure for the Humanities and Social Sciences  
http://www.acls.org/uploadedFiles/Publications/Programs/Our_Cultural_Commonwealth.pdf
• Textgrid  
http://www.textgrid.de/

Clusters around Multimodal and Complex Projects

• Digging into Image Data to Answer Authorship Related Questions (DID-ARQ)  
http://isda.ncsa.illinois.edu/DID/
• Duke Haiti Lab  
http://www.fhi.duke.edu/labs/haiti-lab
• Harvesting Speech Datasets for Linguistic Research on the Web (in progress)
• Mapping the Republic of Letters  
https://republicofletters.stanford.edu/
• Mining a Year of Speech  
http://www.phon.ox.ac.uk/mining
• Nelson Mandela Digital Archives  
http://archive.nelsonmandela.org/
• ORBIS  
The Stanford Geospatial Network Model of the Roman World  
http://orbis.stanford.edu/
• Railroads and the Making of Modern America  
http://railroads.unl.edu/
• Rosetti Archive  
http://www.rossettiarchive.org/index.html (multimedia)
• Structural Analysis of Large Amounts of Music Information (SALAMI)  
• Towards Dynamic Variorum Editions (DVE)  
http://sites.tufts.edu/dynamicvariorum/
• Using Zotero and TAPOR on the Old Bailey Proceedings: Data Mining with Criminal Intent (DMCI)  
http://criminalintent.org/
• Voyages. Trans-Atlantic Slave Trade  
http://www.slavevoyages.org/tast/index.faces
• Walt Whitman Archive Research and Teaching Tool  
http://www.whitmanarchive.org/
• Research in the Technological, Social, and Cultural Practices of Online Reading  
http://transliteracies.english.ucsb.edu/category/research-project/definition-of-online-reading

Important Associations

• Alliance of Digital Humanities Organization (ADHO)  
http://adho.org/
• *LC: The European Association for Digital Humanities (ALLC)  
http://www.allc.org/
• *The Association for Computers in the Humanities (ACH)  
http://ach.org/
• *Canadian Society for Digital Humanities/ Société pour l'étude des médias interactifs (CSDH/SCHN)  
http://csdh-schn.org/
• *centerNet  
http://digitalhumanities.org/centernet/

• Consortium of Humanities Centers & Institutes (CHCI)  
http://chcinetwork.org/
• Humanistica. Eu (in progress)
• JISC UK’s expert on information and digital technologies for education and research  
http://www.jisc.ac.uk/
National Institute for Technology in Liberal Education (NITLE) http://www.nitle.org/

Funding Agencies

- ACLS http://www.acls.org/
- Digging into Data http://www.diggingintodata.org/ (six organizations)
- Institute of Museum and Library Services IMLS http://www.imls.gov/
- MacArthur http://www.macfound.org/info-grantseekers/
- Mellon http://www.mellon.org/
- National Endowment for the Humanities http://www.neh.gov/

Standards and Tools

- National Initiative for a Networked Cultural Heritage (NINCH) http://www.ninch.org/index.html
- Text Encoding Initiative (TEI)= http://www.tei-c.org/index.xml

Tools

- Arts and Humanities. In the computing cluster “Methods” refer to the computational methods used by artists and humanists http://www.arts-humanities.net/tools
- Bamboo DIRT http://dirt.projectbamboo.org/tools [Text collections (27) Text mining (58)]
- TAPoR (Text Analysis Portal for Research) http://www.tapor.ca/
- Wired Humanities Projects: Tools http://whp.uoregon.edu/?page_id=76

Conferences

- Digital Humanities Conference 2013 http://dh2013.unl.edu/
- HRTC Uncamp -HathiTrust Research Center http://d2i.indiana.edu/htrc/uncamp2012/
- Institutes Digital Humanities Summer Institute (DHSI) http://dhsi.org/ and Winter Institutes (DHWI) http://mith.umd.edu/dhwi/
- THAT Camp http://thatcamp.org/ International an “alternative”

Journals

- Ariadne
- Computing in the Humanities Working Papers
- DigiCult Open Access
- Digital Humanities Now
- Digital Humanities Quarterly Open Access
- Digital Investigation
- Digital Medievalist Open Access
- Digital Studies / Le champ numérique Open Access
- Digiversity Open Access
- D-Lib Magazine
- Literary and Linguistic Computing
- Text Technology Open Access
- The Journal of electronic Publishing

**Readings**

- Blackwell's *Companion to Digital Humanities* [http://www.digitalhumanities.org/companion/](http://www.digitalhumanities.org/companion/)
- Search the Duke Catalog for Digital Humanities [http://search.library.duke.edu/#tab2](http://search.library.duke.edu/#tab2)
- Consider taking a course at UNC SILS Professor Shaw [http://aeshin.org/teaching/inls-890-186/2012/fa/schedule/#next](http://aeshin.org/teaching/inls-890-186/2012/fa/schedule/#next)
- Bibliography at: Arts and Humanities [http://www.arts-humanities.net/](http://www.arts-humanities.net/)

**Digital Humanities at Duke University**

- Humanities Laboratories [http://www.fhi.duke.edu/labs](http://www.fhi.duke.edu/labs)
- Humanities Writ Large Grant [http://humanitieswritlarge.duke.edu/](http://humanitieswritlarge.duke.edu/)
- Duke PhD Lib in Digital Knowledge [http://www.fhi.duke.edu/labs/phd](http://www.fhi.duke.edu/labs/phd)
- Duke Libraries Subject librarians [http://library.duke.edu/about/directory/subject_librarians.html](http://library.duke.edu/about/directory/subject_librarians.html)
- Duke Libraries Data and GIS Services (incl. visualization) [http://library.duke.edu/data/](http://library.duke.edu/data/)
- Duke Libraries Digital Production Center [http://library.duke.edu/about/depts/dpc/](http://library.duke.edu/about/depts/dpc/)

**20th Century Chronology (> 1940s)**

### 1949-1970: DH in Computing Centers:

- **1949:** Father Roberto Busa began his *index of every word in the works of St. Thomas Aquinas* (11M words); visits Thomas Watson and enlists IBM.
- **1963:** Roy Wisbey founded the *Centre for Literary and Linguistic Computing* in Cambridge to support his work with Early Middle High German Texts.
- **1966:** *Computers and the Humanities* founded; Wilhelm Ott (developer of TUSTEP) learns to program (http://www.allc.org/node/210); see also his early experiments in “multimedia”: http://people.lis.illinois.edu/~unsworth/Ott.multimedia.mov
- **1970:** The first instance of what later became the *Association for Literary and Linguistic Computing conference* is held at the University of Cambridge.

### 1973-1992: DH and Scholarly Societies:

- **1973:** Founding of *The Association for Literary and Linguistic Computing*
- **1978:** Founding of the *Association for Computers and The Humanities*
- **1985:** *Perseus Project* begun at Harvard
- **1986:** *Literary and Linguistic Computing* founded
- **1986:** SGML specification released
- **1987:** *Text-Encoding Initiative, Humanist* begun
- **1989:** First joint ACH/ALLC conference held in Toronto (at which Bob Kraft demonstrates *Ibycus, TLG, hypertext*)
- **1991:** *Electronic Beowulf* Project
- **1992:** *H-Net* founded

### 1992-2004: DH and Libraries:

- **1992:** *Etext Center* founded at Virginia by Kendon Stubbs http://www.lib.virginia.edu/kls/text_only.html
- **1993:** *Mosaic* released, IATH founded at Virginia, STG founded at Brown; EAD development begins at Berkeley.
- **1994:** First edition of the *TEI guidelines; Center for History and New Media* founded
- **1996:** First draft of *XML spec* released (co-edited by the North American editor of the TEI Guidelines); *Digital Library Program* founded at the University of Michigan; SCETI founded at Penn
- **1999:** MITH founded
- **2003:** HASTAC founded
- **2004:** Blackwell *Companion to Digital Humanities*

### 2005-2012: DH mainstreamed:

- **2005:** The *Blake Archive* approved by MLA’s CSE
- **2006:** MLA publishes *Electronic Textual Editing*
- **2006:** ACLS report on *Cyberinfrastructure for Humanities and Social Sciences*
- **2006:** NEH *Office of Digital Humanities*
- **2007:** NEH DH Start-up grants
- **2007:** Centernet founded
- **2008:** CLIR *Survey of Digital Humanities Centers*
- **2012:** CLIR “One Culture: Computationally Intensive Research in the Humanities and Social Sciences”