

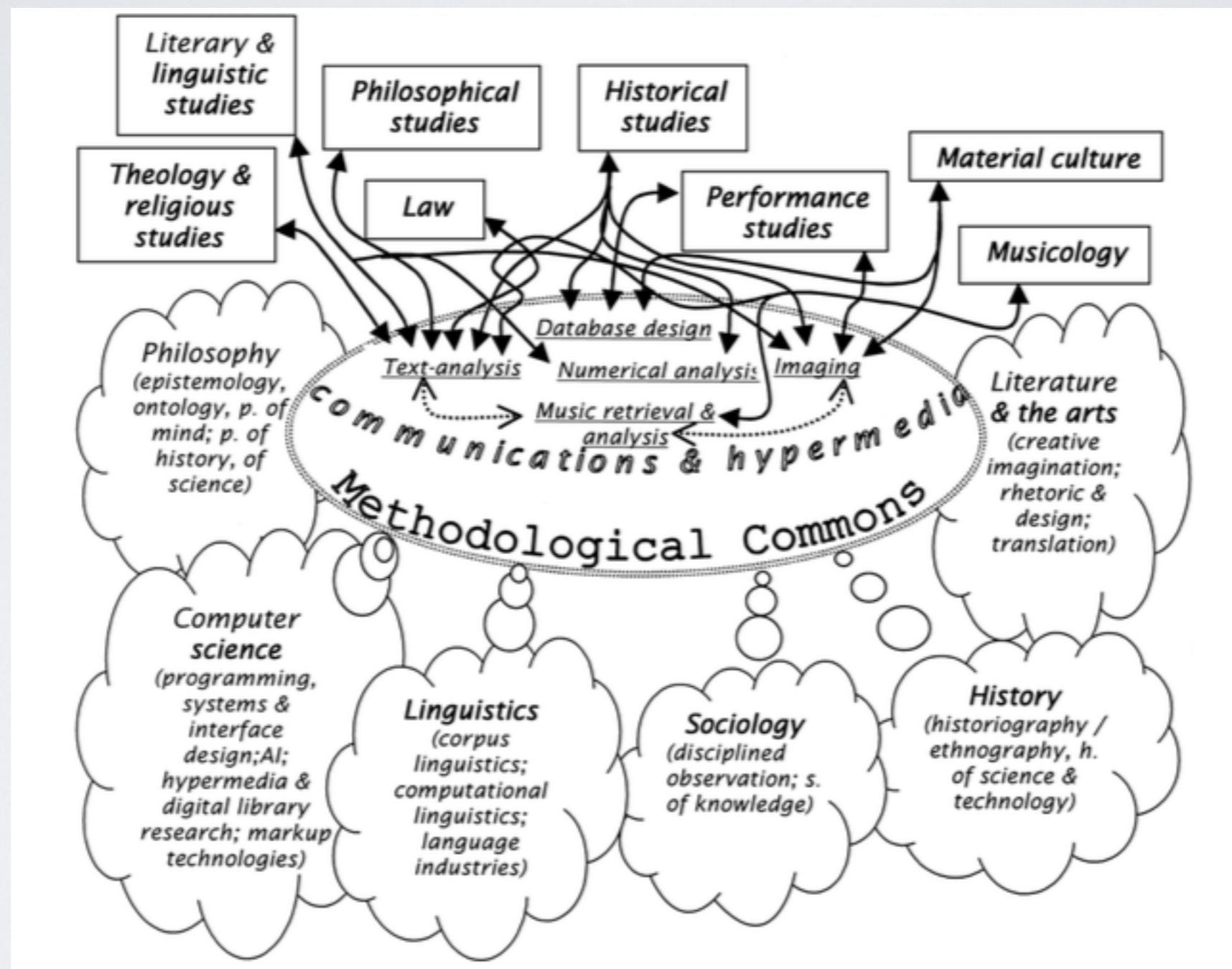
INTRODUCTION TO DIGITAL HUMANITIES

THE HISTORY OF DIGITAL HUMANITIES

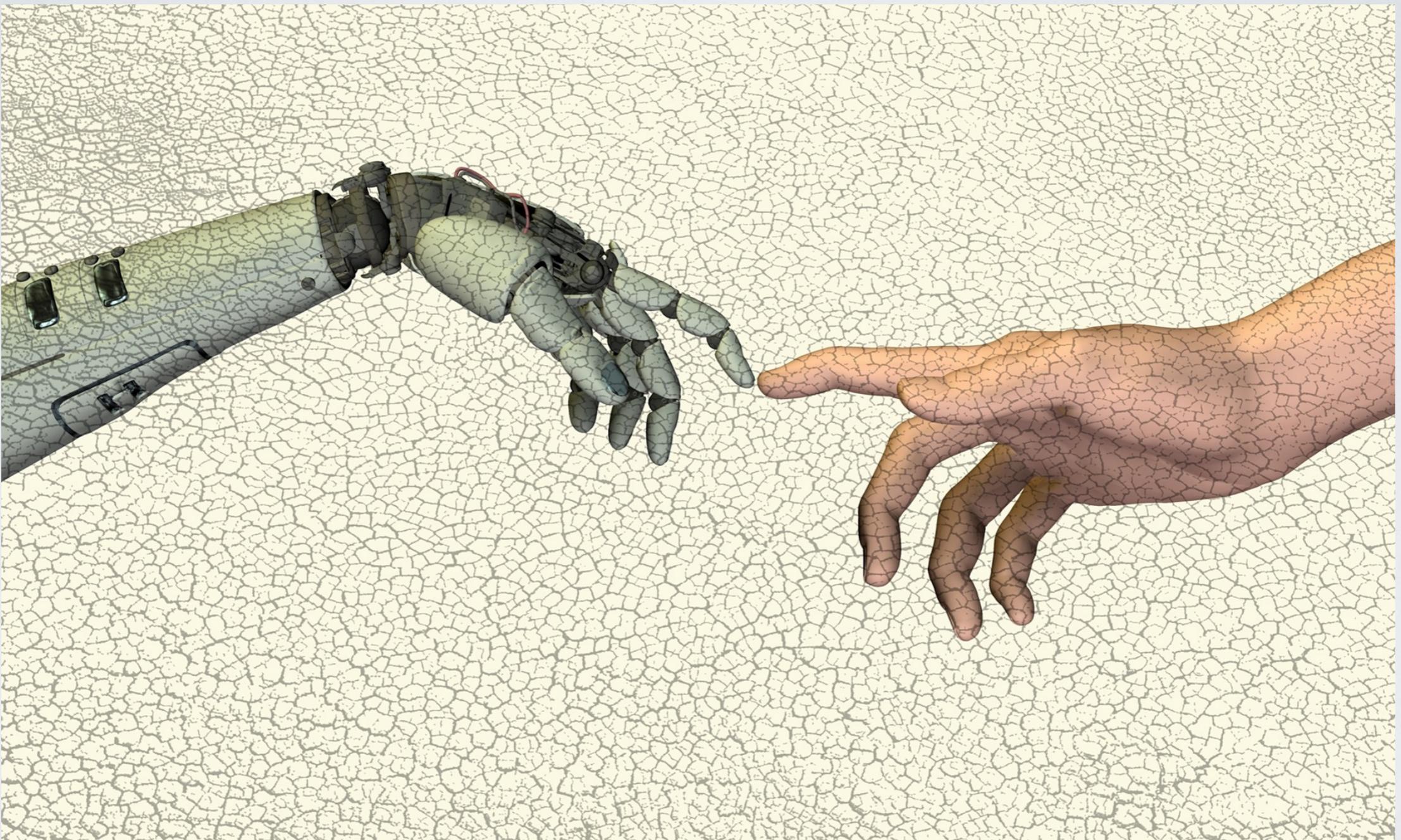
Dr. Thomas Köntges,
Digital Humanities, University of Leipzig

20 October 2015

DIGITAL HUMANITIES

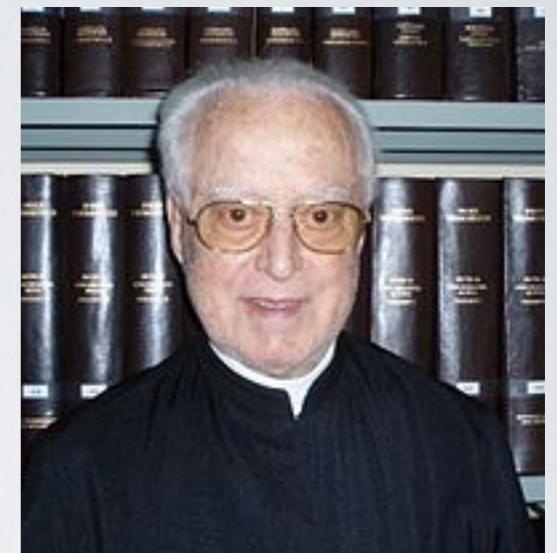


IN THE BEGINNING WAS DH



1949 - ROBERTO BUSA

1946 - Plan to index electronically
the works of Thomas of Aquinas



1949 - Work starts, sponsored by
Thomas J. Watson

INDEX THOMASTICUS

(1989, 2005, 2006)

CORPUS THOMISTICUM
INDEX THOMISTICUS
by Roberto Busa SJ and associates
web edition by Eduardo Bernot and Enrique Alarcón
English version

Search:

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FOUND 58594 CASES IN 24701 PLACES

1-10

CASE 1. PLACE 1. *Super Sent., lib. 1 q. 1 pr. [...]*⁹¹ Hic ostendit contradicentium nequitiam: et primo ex inordinata professione; secundo ex simulata religione, ibi, *habent rationem sapientiae in superstitione*; tertio ex pertinaci contentione, ibi, *qui contentioni studentes, contra veritatem sine foedere bellant*. Ostendit autem primo ex duobus eos **esse** inordinatos, scilicet quia voluntas non sequitur rationem, sed e converso; quod tangit ubi dicit: *qui non rationi voluntatem subjiciunt: et quia rationem suam non subjiciunt sacrae doctrinae*; quod notatur ibi, *nec doctrinae studium impendunt. Somniarunt, quasi phantasiando, sicut homo in somniis. [...]*⁴⁰

1966 - TUSTEP (W. OTT)

Zeichenvorrat

762

Akzente in der griechischen Schrift

% (ጀ	Spiritus asper
%)	ጀ	Spiritus lenis
% /	ጀ	Akut
% \	ጀ	Gravis
% ?	ጀ	Zirkumflex
% (/	ጀ	Spiritus asper + Akut

TUSTEP

- 1. completeness**
- 2. verifiability**
- 3. stability**
- 4. consistency**

1966 - 2006 COMPUTERS AND THE HUMANITIES (J. RABEN)



Digital Humanities 2016
Kraków, 12–16 July

dh2016

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1967 MUSEUM COMPUTER NETWORK



advancing
digital transformation
in the cultural sector

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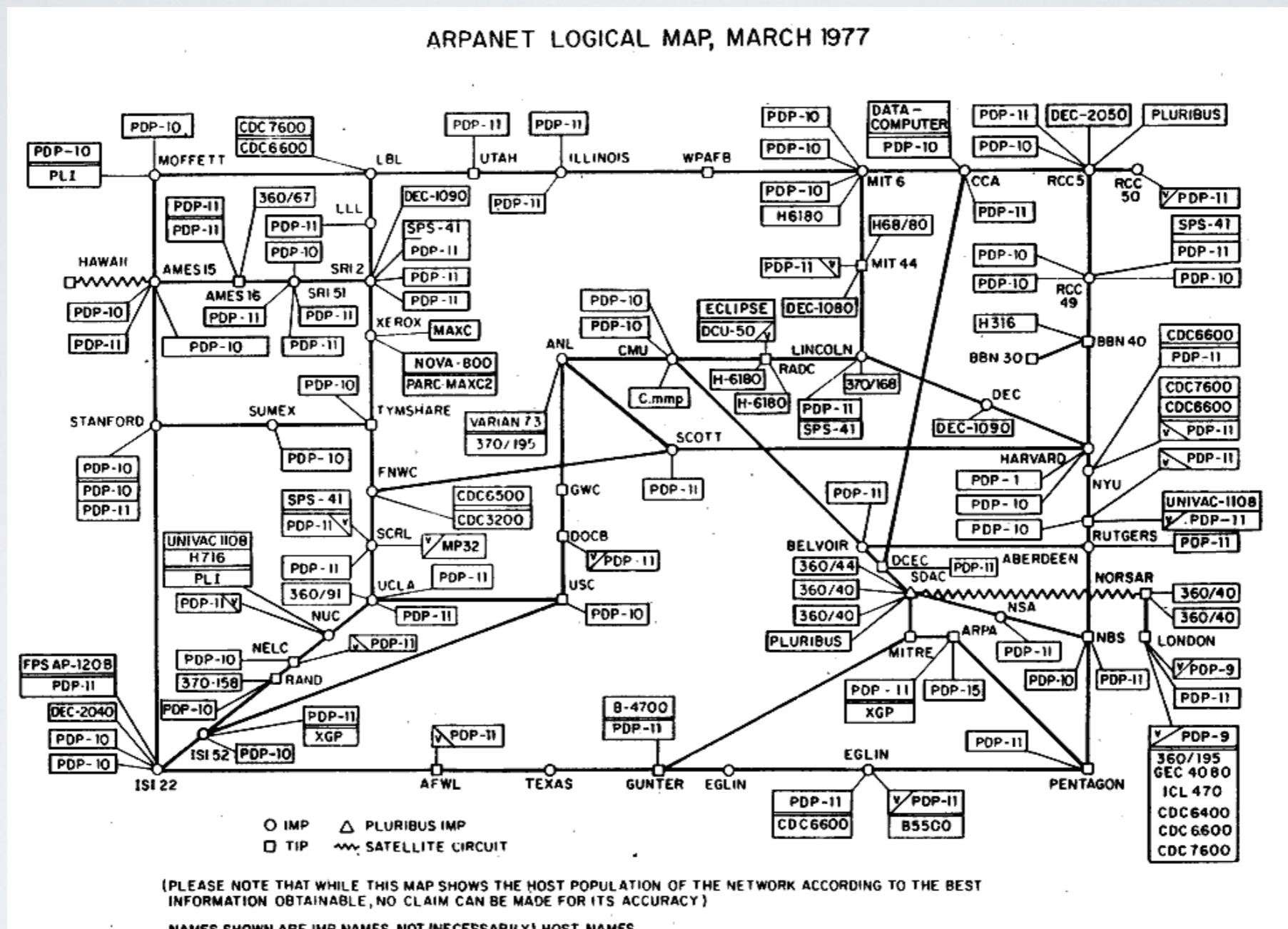
MCN 2015

NOVEMBER 4-7 | MINNEAPOLIS

the invisible architectures
of connected museums

Making Meaning with People, Collections, and Information

1969-1990 ARPANET



1973 - EADH (ALLC)



EUROPEAN ASSOCIATION
FOR DIGITAL HUMANITIES

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The EADH brings together and represents the Digital Humanities in Europe across the entire spectrum of disciplines that research, develop, and apply digital humanities methods and technology. These include art history, cultural studies, history, image processing, language and literature studies, manuscripts studies, and musicology, amongst others. The EADH also supports the formation of DH interest groups in Europe that are defined by region, language, methodological focus or other criteria. [Join us!](#)

FROM ALLC TO EADH

“As the **range** of available and relevant computing techniques **in the humanities increased**, the interests of the association’s members have broadened substantially and **encompass not only text analysis and language corpora, but also history, art history, music, manuscript studies, image processing and electronic editions**. The association’s **new name**, which was adopted in 2012, reflects this significant **widening of scope**.”

1985 - PERSEUS PROJECT (G. CRANE)

**Latin Vocabulary List For:
Q. Tullius Cicero, Essay on Running for Consul.**

Words:	4366	Unique Words:	1239	Vocabulary Density:	3.524				
Possible Key Terms:	27			Words occurring only once:	723				
<hr/>									
Count	Word	Max. Freq.	Min. Freq.	Weighted Freq. *	Key Term Score	Running Total of Wgt. Freq.	% of Total	Running % of Total	Searches
	sum	212	77	143.50	0.00	143.50	3.29	3.29	(search) Lewis & Short, Lewis & Short, Lewis & Short, Elem. Lewis
	qui	234	38	133.83	0.00	277.33	3.07	6.35	(search) Lewis & Short, Lewis & Short, Elem. Lewis, Elem. Lewis
	et	124	124	124.00	0.00	401.33	2.84	9.19	(search) Lewis & Short, Elem. Lewis
	tu	117	106	111.25	0.00	512.58	2.55	11.74	(search) Lewis & Short, Elem. Lewis
	ut	107	107	107.00	0.00	619.58	2.45	14.19	(search) Lewis & Short, Elem. Lewis
	in	98	98	98.00	0.00	717.58	2.24	16.44	(search) Lewis & Short, Lewis & Short, Elem. Lewis, Elem. Lewis
	is	111	84	97.50	0.00	815.08	2.23	18.67	(search) Lewis & Short, Elem. Lewis
	quis	168	14	88.83	0.00	903.92	2.03	20.70	(search) Lewis & Short, Lewis & Short, Lewis & Short, Elem. Lewis, Elem. Lewis, Elem. Lewis

1985 - PERSEUS PROJECT (G. CRANE)

Morpheus - API

Morpheus - Alpheios

Morpheus - HMT

Further Development (Neel Smith)

1986 LLC (SUSAN HOCKEY)



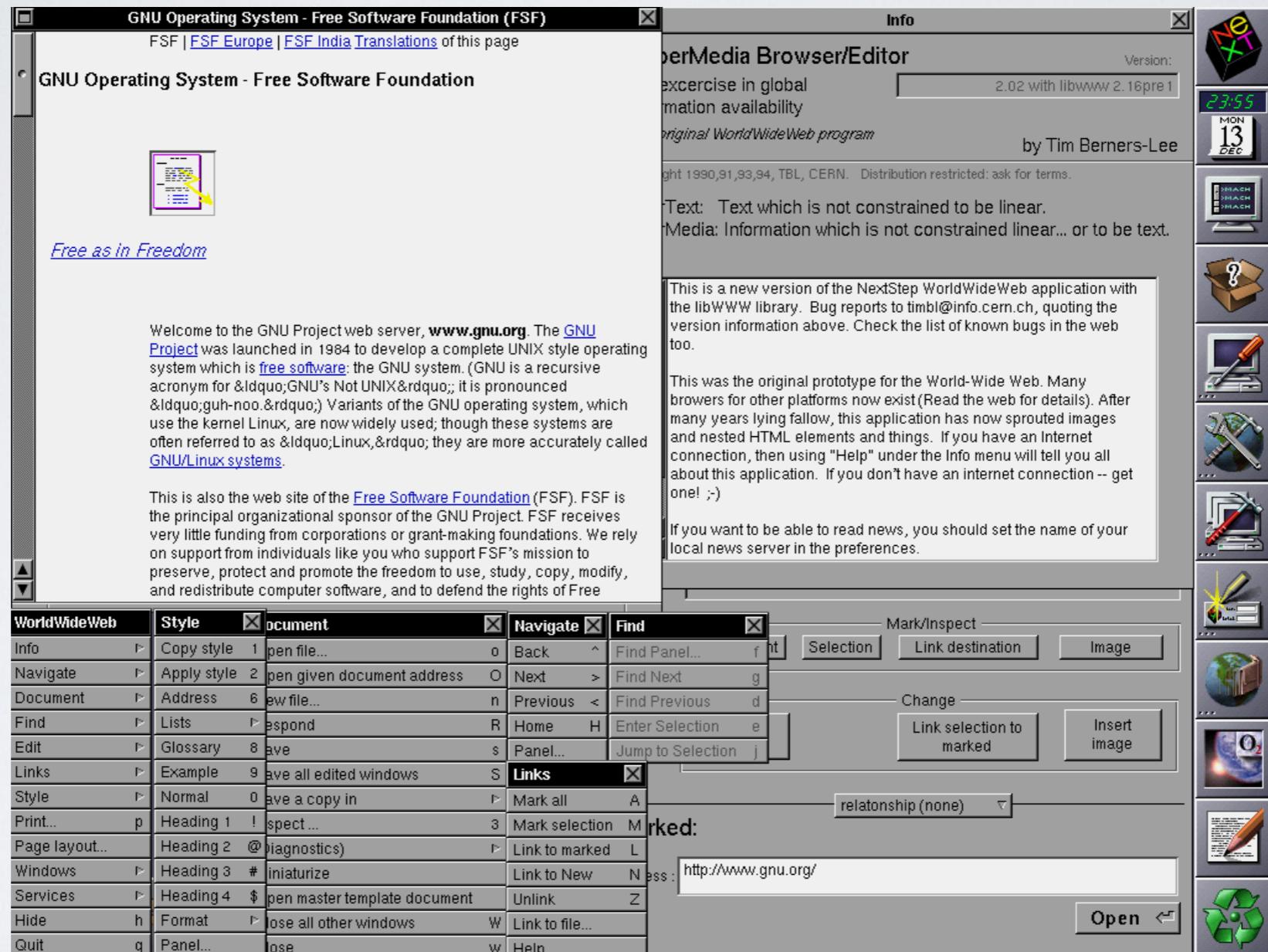
1987- COMPUTATION INTO CRITICISM (J. BURROWS)



1987 HUMANIST LIST (WILLARD MCCARTY)



1989 “THE INTERNET”



1994 TEI



XML

Markup Language
Human Readable
Machine Readable

Developed in 1996 by the
SGML Editorial Review Board of the W3C

THE 10 XML “COMMANDMENTS”

1. XML shall be straightforwardly usable over the Internet.
2. XML shall support a wide variety of applications.
3. XML shall be compatible with SGML.
4. It shall be easy to write programs which process XML documents.
5. The number of optional features in XML is to be kept to the absolute minimum, ideally zero.
6. XML documents should be human-legible and reasonably clear.
7. XML design should be prepared quickly.
8. The design of XML shall be formal and concise.
9. XML documents shall be easy to create.
10. Terseness in XML markup is of minimal importance.

1996 - ADHO AWARDS THE ROBERT BUSA PRIZE

Roberto Busa Prize Recipients

Roberto Busa Prize Recipients

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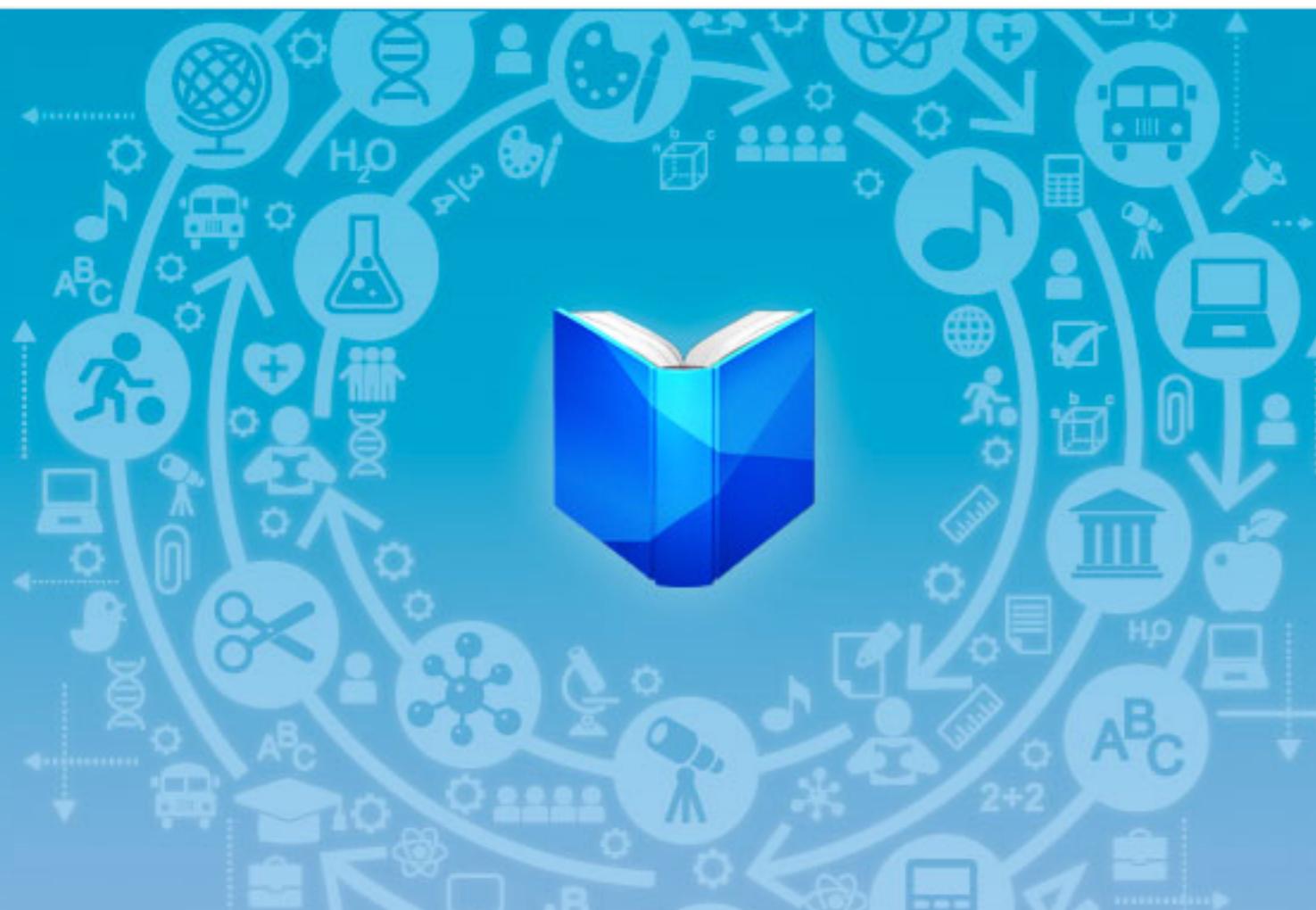
Year	Venue	Recipient
1998	Debrecen, Hungary	Father Roberto Busa
2001	New York, USA	John Burrows
2004	Goteburg, Sweden	Susan Hockey
2007	Illinois Urbana-Champaign, USA	Wilhelm Ott
2010	King's College London, UK	Joseph Raben
2013	University of Nebraska-Lincoln, USA	Willard McCarty

2004/05 - GOOGLE BOOKS



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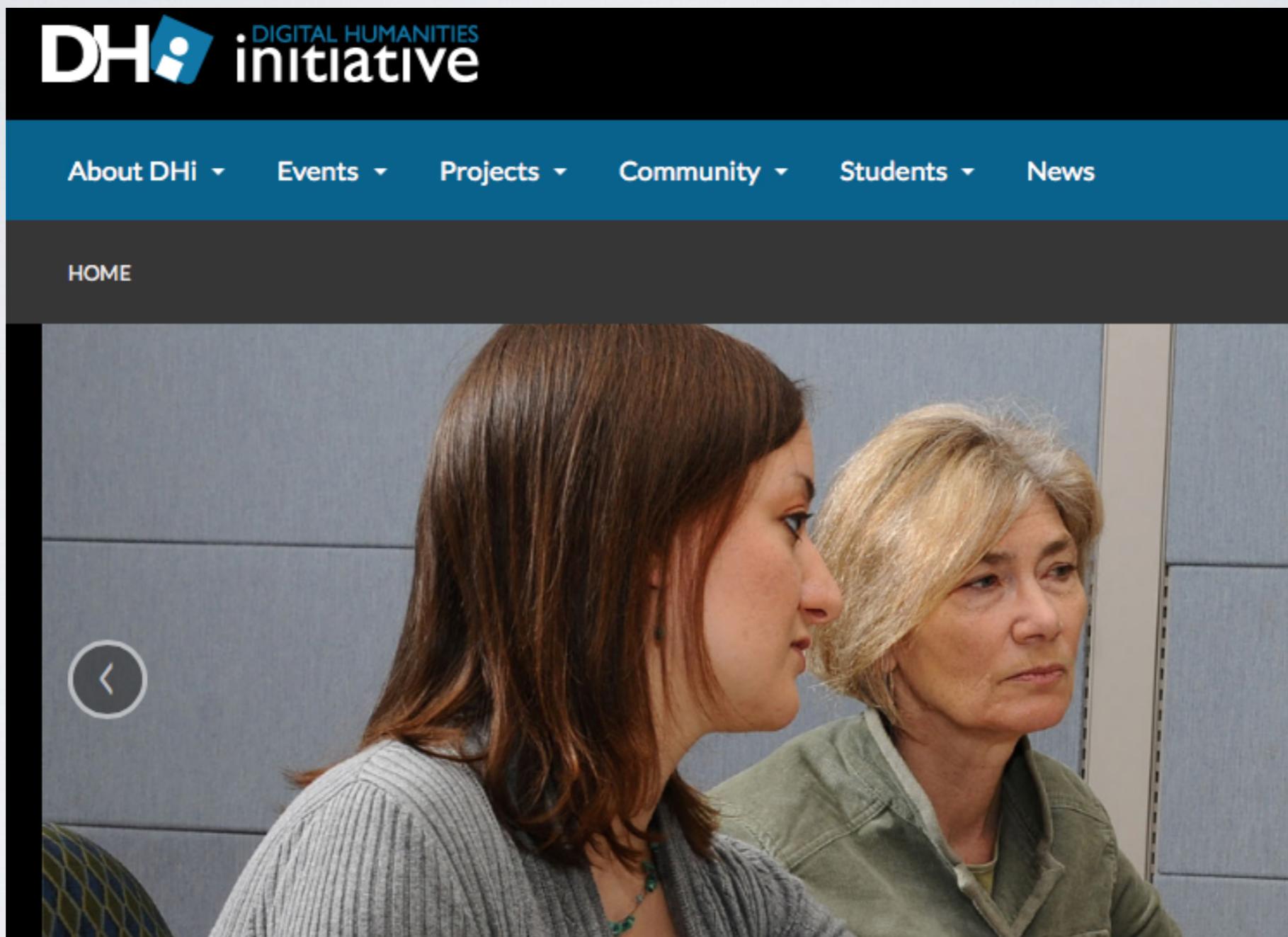
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2006 DHI LAUNCHES

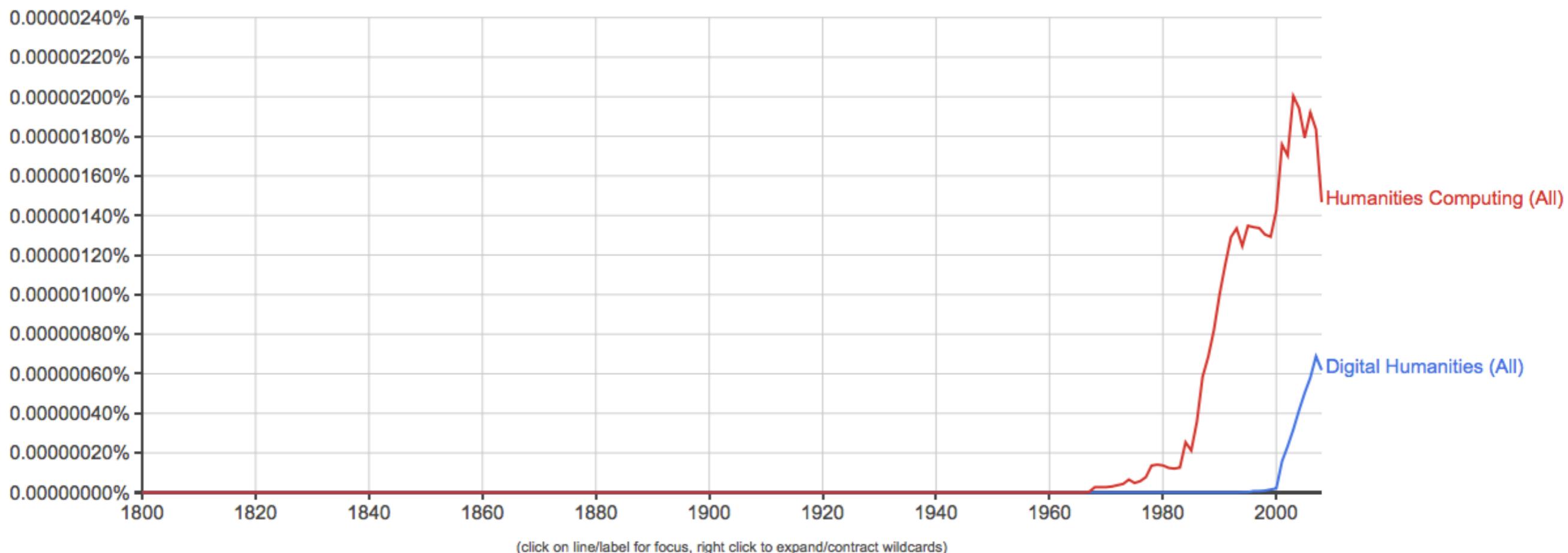


2010 CULTUROMICS NGRAM

Google books Ngram Viewer

Graph these comma-separated phrases: case-insensitive

between and from the corpus with smoothing of



2012 - DHD IS FOUNDED

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digital humanities im
deutschsprachigen raum

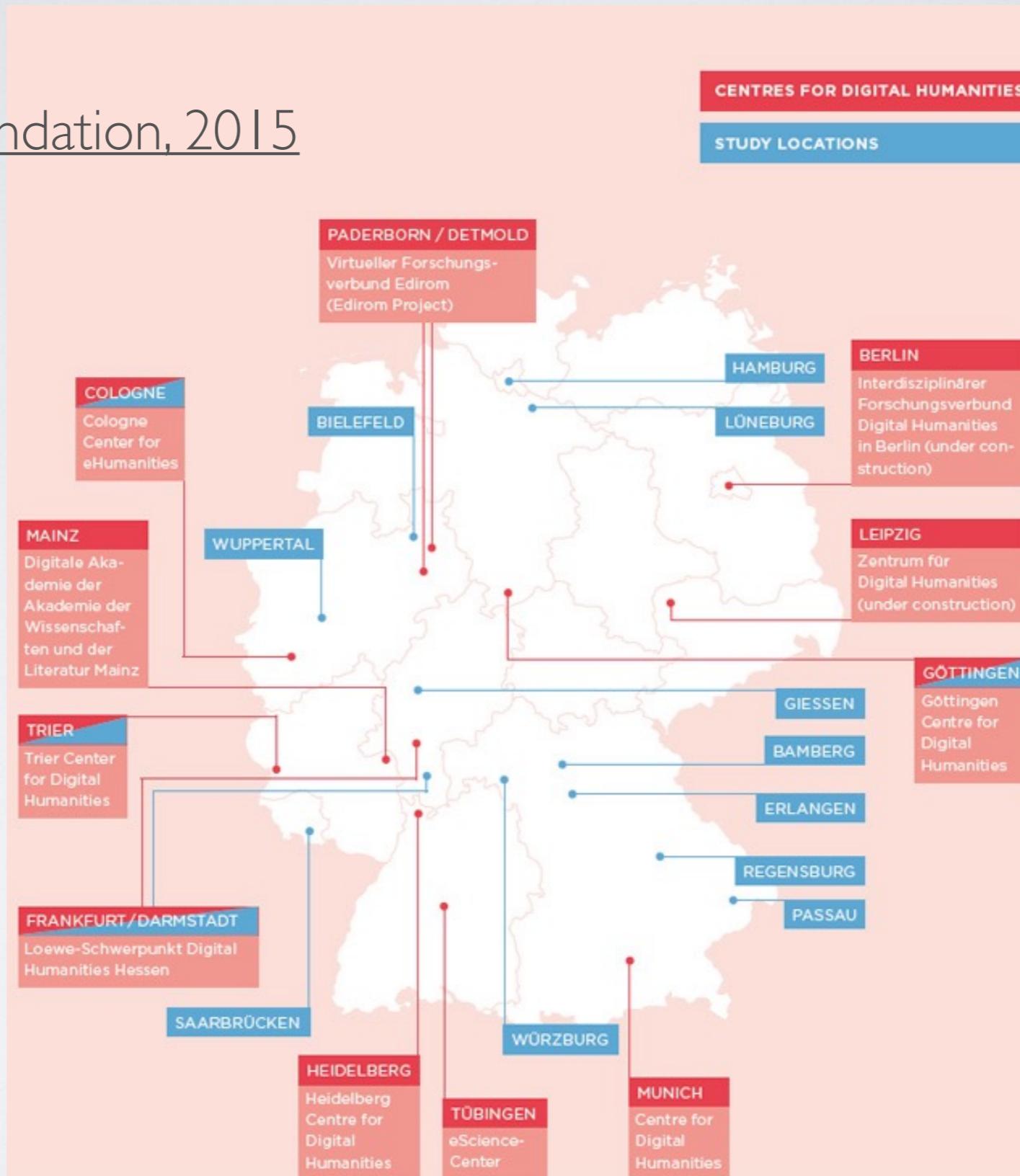
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if|DH|b

Interdisziplinärer Forschungsverbund
Digital Humanities in Berlin

DH GERMANY

Humboldt Foundation, 2015



HUMANITIES AND COMPUTING

A Code of Ethics for the Human-Robot Interaction
Profession

GLAM SECTOR

Galleries
Libraries
Archives
Museums

DIGITAL HUMANITIES

