



Overview

Introduction to Digital Scholarly Editing

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January 2019

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Overview of the course

- Plain Text
- XML-TEI
- XSLT Transformations
- Creating an online Digital Edition (HTML / Mark Down)
- Using Data from Digital Editions
- Open Access

During thousands of years, written texts have been encoded with different technologies (carving, ink, etc), as inscriptions on a surface (mineral, vegetal or animal). Digital writing is encoded as binary bites, which creates a set new of **problems** and **opportunities**:

- Longevity of Digital Objects (Encoding-Decoding) -> Patrimony
- Machine Assisted Textual Analysis
- Innovative Visualization; ie. Human Readability

DIGITAL HUMANITIES (former *Humanities Computing*)

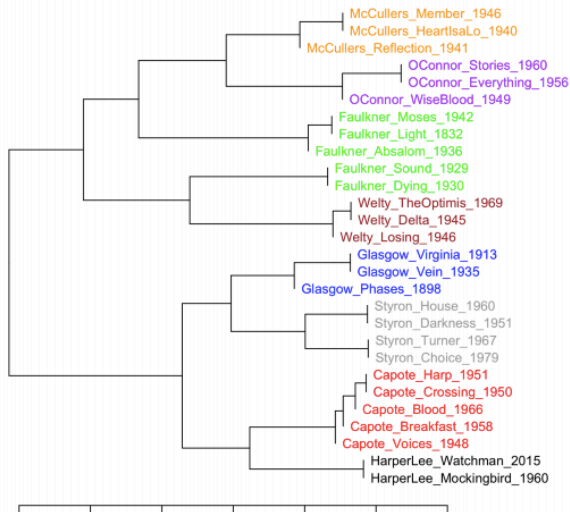
Roberto Busa (1913-2011)
Italian Jesuit Priest.
Developed the *Index
Tomisticus* (concordances
to the works of Thomas
Aquinas) together with IBM
starting in 1949.



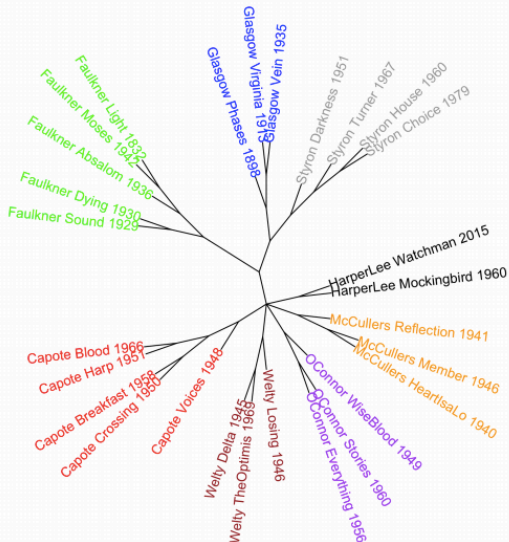
Computer Assisted Textual Analysis

- Voyant Tools: <https://voyant-tools.org/>
- Stylometry: <https://computationalstylistics.github.io/>
- Social and Geographical Networks

Harper Lee Cluster Analysis



Harper Lee
Bootstrap Consensus Tree



Social Networks

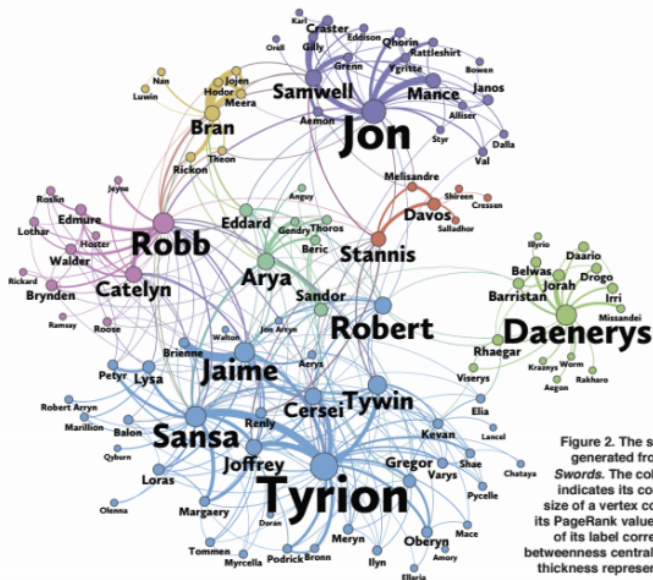
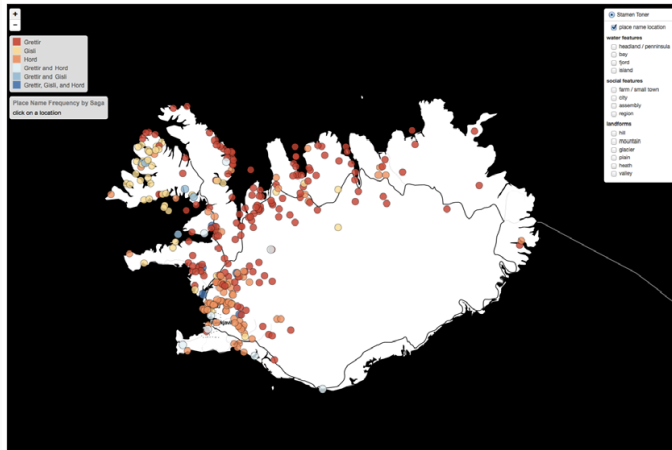
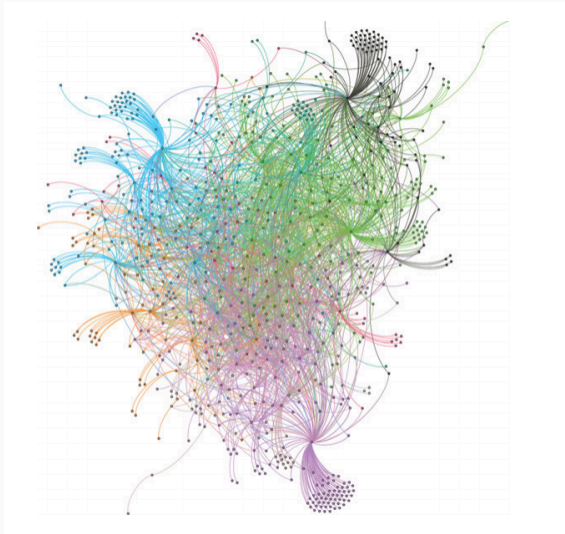


Figure 2. The social network generated from *A Storm of Swords*. The color of a vertex indicates its community. The size of a vertex corresponds to its PageRank value, and the size of its label corresponds to its betweenness centrality. An edge's thickness represents its weight.

Spatial Networks (Saga Map)



Spatial Networks



Wrisley, D. "Exploring Real and Imaginary Place Names of Medieval French Romance: A Network Visualization Approach" in *Humanidades Digitales. Miradas hacia la Edad Media*. Berlin: De Gruyter 2019: 253

- Der arme Heinrich – Digital
- Konrad von Würzburg – Digital
- Lyrik des deutschen Mittelalters
- Dama Boba
- Petrus Plaoul
- Petrarca
- Der welsche Gast – Digital
- Lírica Portuguesa
- Beckett
- James Joyce Digital Archive
- Old Bailey Digital Archive (+ Digital Panopticon)