



# Introduction to Digital Scholarly Editing

Overview

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## **Digital Textuality**

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.

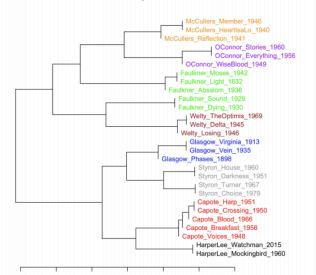


### Computer Assisted Textual Analysis

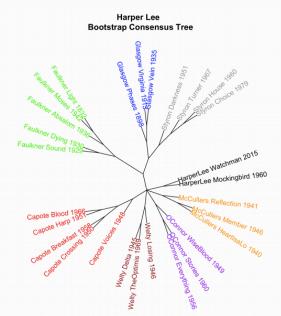
- Voyant Tools: https://voyant-tools.org/
- Stylometry: https://computationalstylistics.github.io/
- Social and Geographical Networks

#### Stylometry

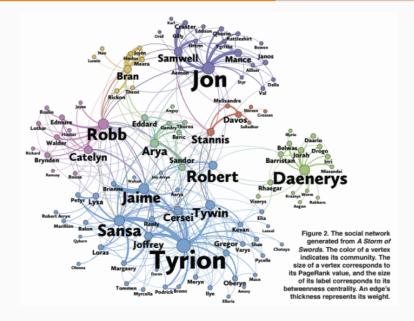
#### Harper Lee Cluster Analysis



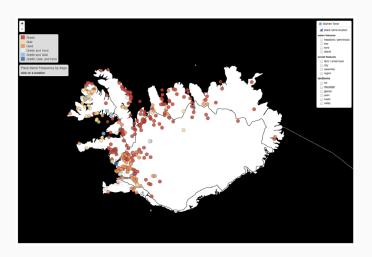
#### Stylometry



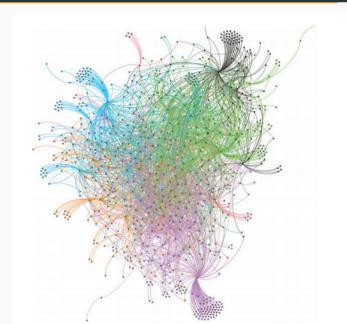
#### Social Networks



## Spatial Networks (Saga Map)



# **Spatial Networks**



## **Digital Editions**

- · 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)

#### 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