Towards Supporting Digital Humanities Research and Teaching: A Primer for the DH Curious

Nickoal Eichmann-Kalwara, Digital Scholarship Librarian, University of Colorado Boulder
Approaches to Teaching DH

- Center for Research Data & Digital Scholarship
- colorado.edu/crdds
DH Origin Stories

- Roberto Busa (1913-2011) and IBM collaboration
- Corpus Thomisticum, www.coprusthomisticum.org
- Humanities Computing

https://melissaterras.org/2013/10/15/for-ada-lovelace-day-father-busas-female-punch-card-operatives
Milestones in DH History

1946
Roberto Busa’s
*Index Thomisticus*

1966
*Computers and the Humanities* founded

1986
*Literary & Linguistic Computing (LLC)* founded

2003
*Blackwell Companion to Digital Humanities*

2011
“Big Tent” DH Conference

2015
*LLC > Digital Scholarship in the Humanities*
DH as an Interdisciplinary Kaleidoscope
Methodological Pillars

Computational approaches

- Text / data / audio mining
- Network analysis
- GIS / Spatial analysis

Multimodal approaches

- Text Encoding Initiative (TEI)
- Digital Storytelling
- Digital Exhibits
- 3D modeling and Mixed Reality
DH as Data Science

- Humanities Data
- Data Literacy
- “Text” in Digital World
- Data ≈ stories
DH as a Community of Practice

- Process as Product
- Productive Failure
- Collaboration
- Openness
- Representation
- Visible Labor
DH in East Asian Languages Context

Associations

- Japanese Association for DH
- Taiwanese Association for DH
- International Institute for DH
- Center for Open Data in the Humanities
- Digital Humanities Asia @ Stanford University
- ...more!

"Ehon Musierami" Pre-Modern Japanese Text Dataset (NIJL)
Challenges in DH Research

- OCR issues
- Text Mining
- Network Analysis
- Algorithmic bias
- Anglo-centric tools and programming languages
thanks!
nickoal.eichmann@colorado.edu