Scholarly Networks (16-18 April 2015)

**Fabio Ciotti**

The hermeneutic machine: ontology driven

annotation and interpretative cooperation

DARIAH-IT

First description of the DH field:

- McGann, Radiant Textuality

Demostrate that the digital technology until it improves the ways to explore and explain the aesthetic works.

- Unsworth, demonstrate usefulness of all the stuff we have digitized

- McCarty, Literary enquiry and experimental method: What has happened? What might? 2009.

One of the trendy points: Distant reading

Methods and tools:

- Data mining:

topic modeling: Latent Dirichlet Allocation –LDA, like Mallet Stanford Topic Modeling Toolbox, Serendip.

text clustering

sentiment analysis

Network analysis

The notion of DATA:

- Problem > Data > Analysis > Model > Explanation

- Problem > Data model > Data > Model > Analysis > Explanation

Why ontologies matter for (digital) humanists?

A formal ontology is a formalized account of a conceptual description of (portion of) the world.

The relavance of formal ontologies for literary and cultural objects digital processing are both theorietical and operational

Digital enviroment and infrastructure incorporationg semantic methods and practices of digital interaction and cooperation already available and tested.

- real places and spaces chronologically adapted

real persons

works and literary ...

etc.

- new form of digital literacy

Literary web

“competent and motivated community”

DARIAH European Infrastructure

- Digital Research Infrastructure for the Arts and Humanities

Julia Flanders:

- Why DH tools has to have the capacity to surprise, since within the tradition that has never taken place.

- Discover things that we can not know otherwise.

- The consequence of evidences: this is how the disciplines works. Can we think differently? The problem of evidence.

The boundries between Curation and scholarly interpretation.

Boundries our data and our models

Whats the real status of curation?

1. modeling vs interpretation? where is the boundaries.

2. Ontologies, a way to build knowledge. Is a basis to built a infrastructure? The text encoding not would be considered

Which are the kinds of knowledge would improve our current method of curation method?

3. Design of digital editorial has always been interpreting

witness gathering – final presentation

Formalize the process of digital editorial process, by semantics not by

Study the approach of a particular textual traditional editing.

The DH has focused on the Innovation, open new problems...,

Is the right time to invest in convergent? new scholarly ideas.

Ontologies – a way to keep the semantics of the text.

**My questions:**

Which is the relationship between markup and ontologies?

What do you use to work with ontologies?

Is modeling interpretation?

**Buzzetti:**

Two ways of approaching text analysis? Data modeling TEI vs ontologies?

Semantical representation vs markup TEI