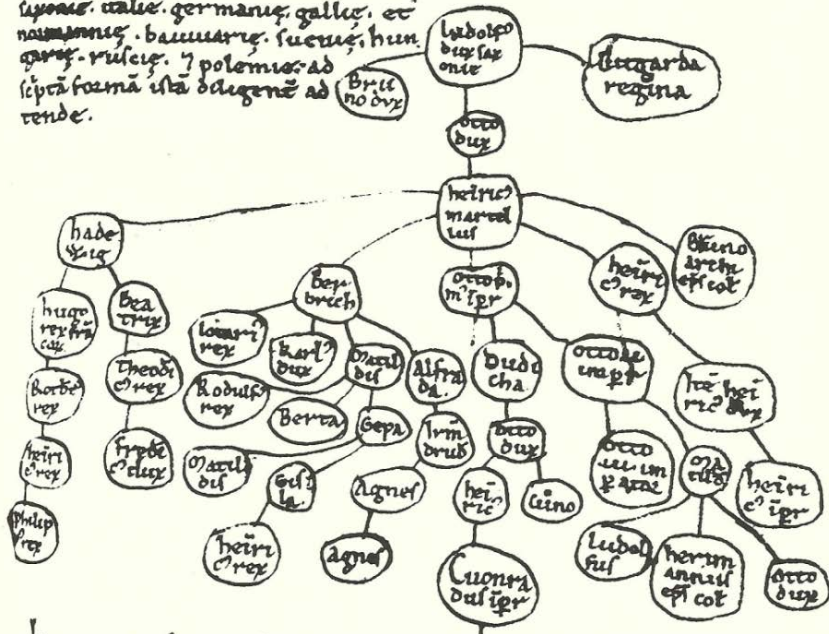


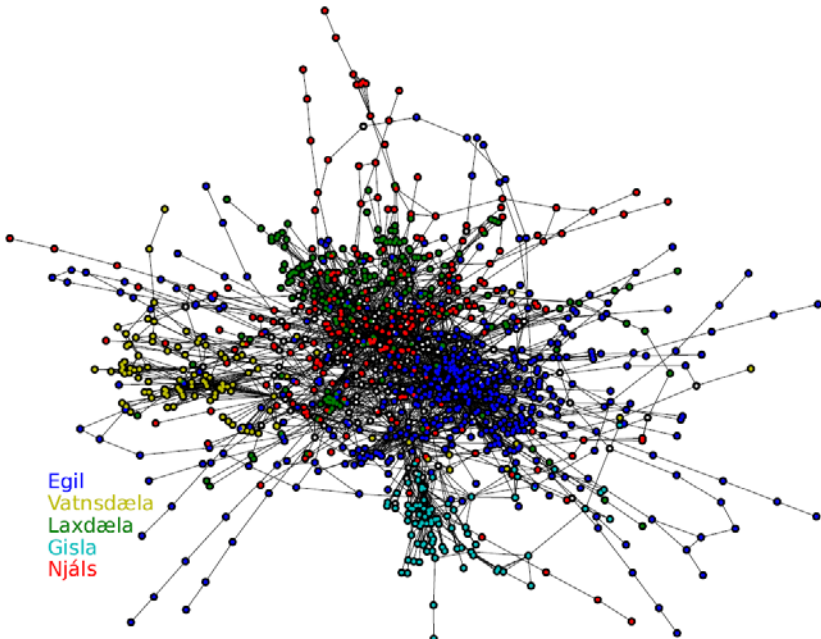
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# CORE-H: Collaborative Open Research Environment for the Humanities

Project presentation at the  
 MSCJ Retreat 2019  
 Bad Blankenburg, 27.10.2019

Project leaders:  
 Prof. Dr. Clemens Beckstein /  
 PD Dr. Robert Gramsch-Stehfest



Egil  
 Vatnsdæla  
 Laxdæla  
 Gísla  
 Njál's

## I. Introduction

*„L'historien de demain sera programmeur ou il ne sera plus.“*

Emanuel Le Roy Ladurie, *Le territoire de l'historien*, in: „Le Nouvel Observateur“ (1968).

***Digital turn in the Humanities***

***Media change***

***and***

***Change of scientific methodology***

→ **Digitisation of the entire process of humanities research**

## II. Our vision

### CORE-H

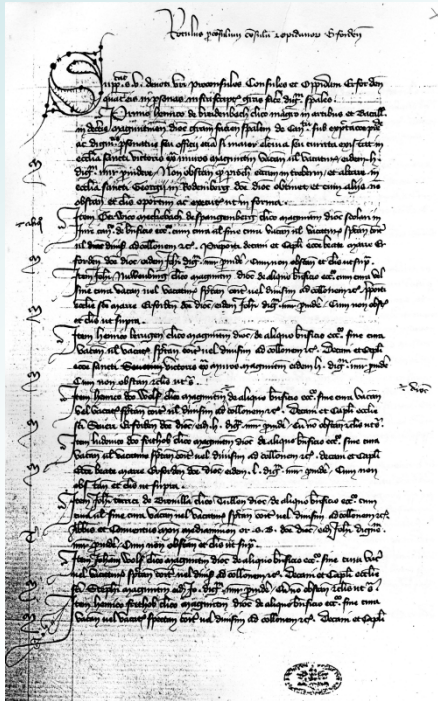
**Collaborative Open Research Environment for the Humanities  
- a digital „Werkstatt“ for the humanities research**

Requirements for a research environment in the *humanities*:

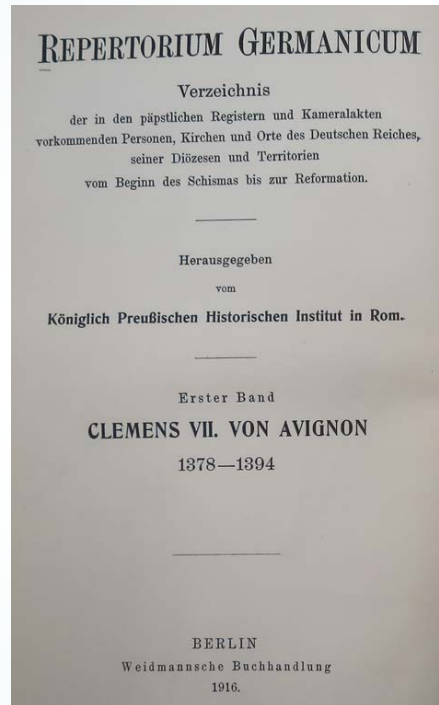
1. A **collaborative** way of working is possible.
2. The data representation is **flexible**.
3. The content is **reusable** for other research questions.
4. The functionality is **adaptable**.
5. The results are **transparent**.
6. The knowledge is **consistently** represented.
7. The handling is **ergonomic**.

# III. The digital workflow – a case study

## Text Mining in the mediévistic online repository *Repertorium Germanicum* and Historical Network Analysis: Money transfer between Germany and the Vatican 1471-1484



Vatican Archive



Printed edition  
(Repertorium Germanicum)



Online Repository



### III. The digital workflow – a case study

#### **Text Mining in the medievistic online repository *Repertorium Germanicum* and Historical Network Analysis: Money transfer between Germany and the Vatican 1471-1484**

#### **Research design:**

- Research Question: statistics and network analysis of the **money transfer between Germany and the Roman Curia** during the pontificate of Pope Sixtus IV. (1471-84), using the digital *Repertorium Germanicum*, Vol. 10
- Step 1: Text Mining = automatic data gathering of money transactions (payments of annatae)
- Step 2: Identification of all actors involved (German clerics, bank companies) **by hand or partially automatically**
- Step 3: Network Analysis of the interaction network of clerics and bank companies in the “curial benefice market”

Volltextsuche

Ähnlichkeitssuche

+ Varianten

++ Varianten

Spinellis | I

Ähnlichkeitssuche

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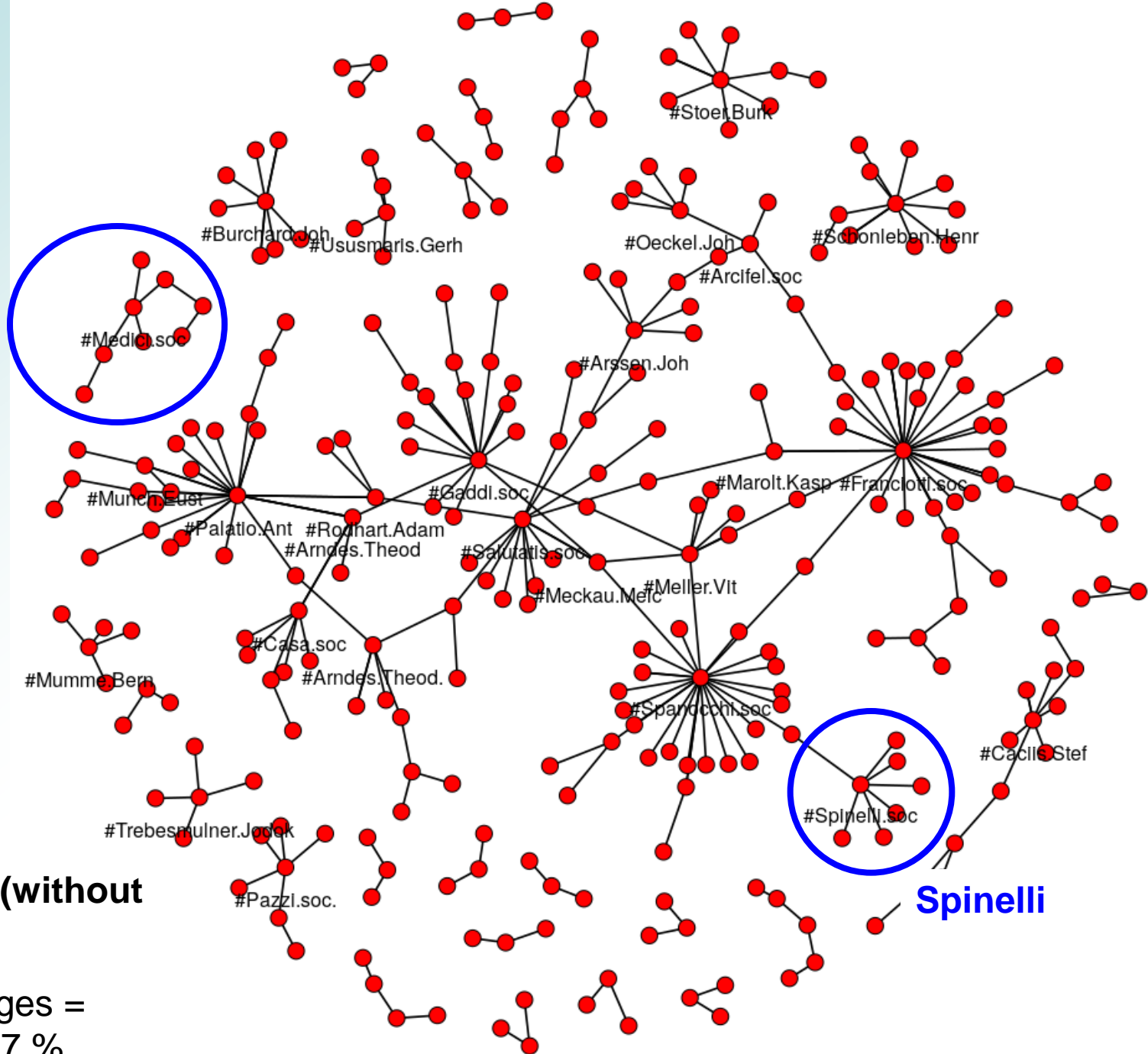
Person identifications  
(manual supplements)

#Sattler.Joh

#Brisacher.Bert



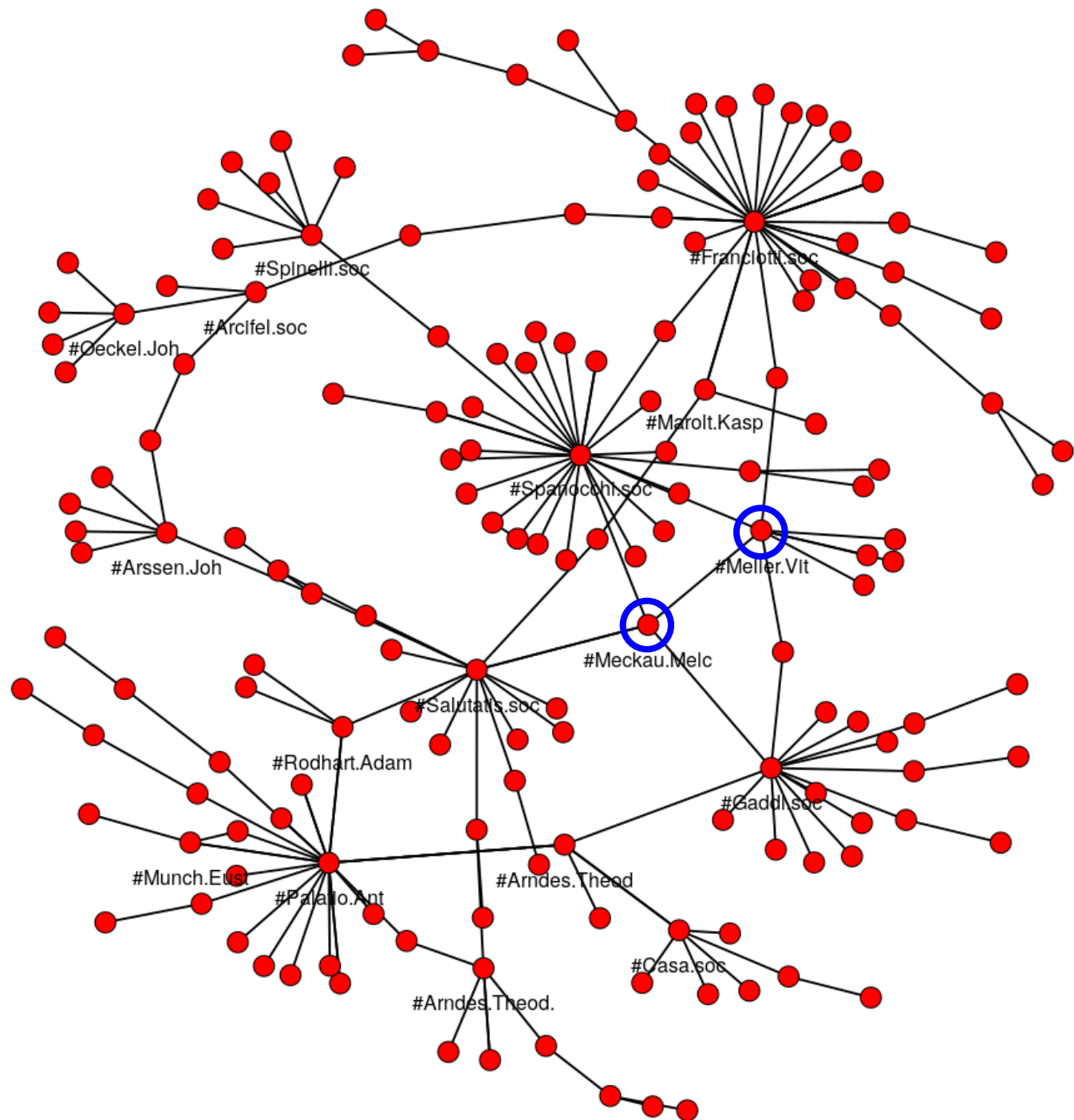
Medici



Entire Network (without isolated dyads)

nodes = 292, edges = 295, density = 0,7 %





**giant component**

nodes = 164

