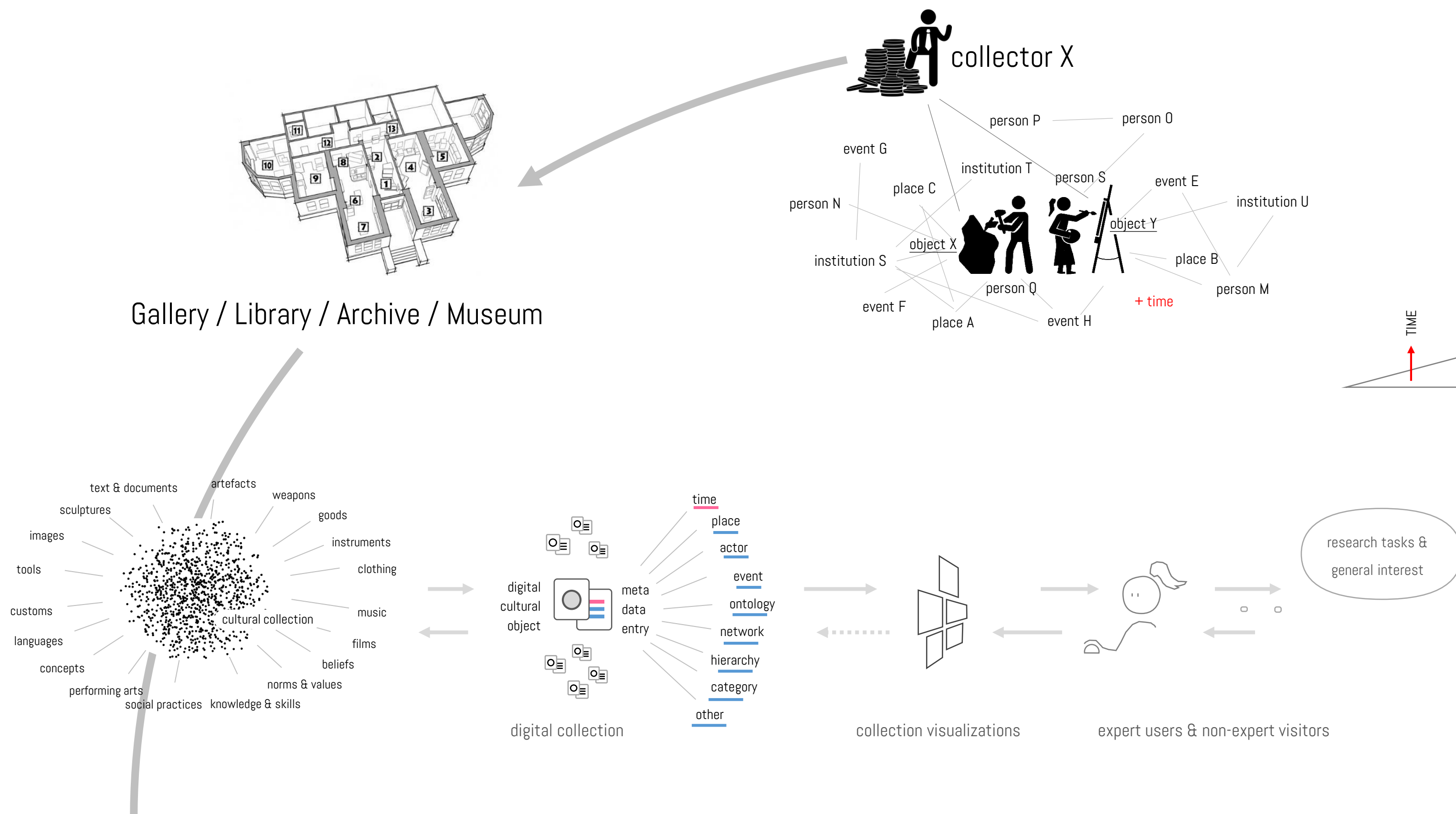


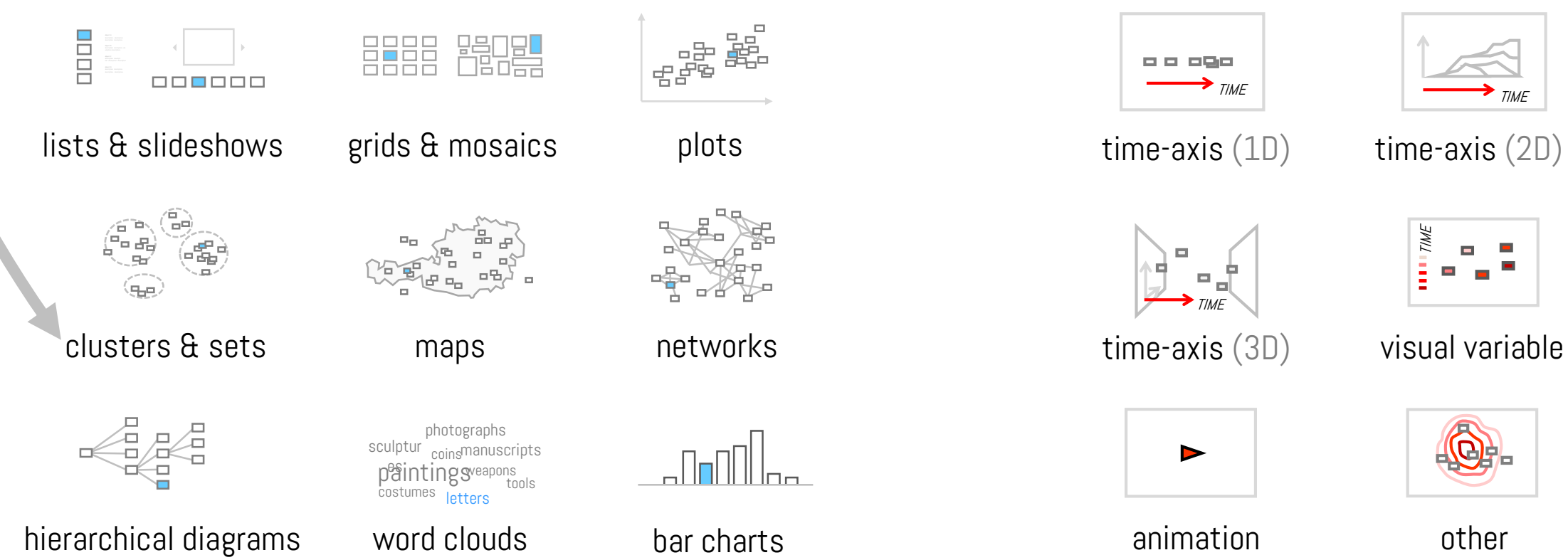
# So We've Blown up the Silos. Now What?

## Ways to Visualize Cultural Collections in the Context of Linked Data

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 LiSeH Spring School. Linked Data and the Semantic Web for Humanities research. Graz, Austria, April 23-26, 2019

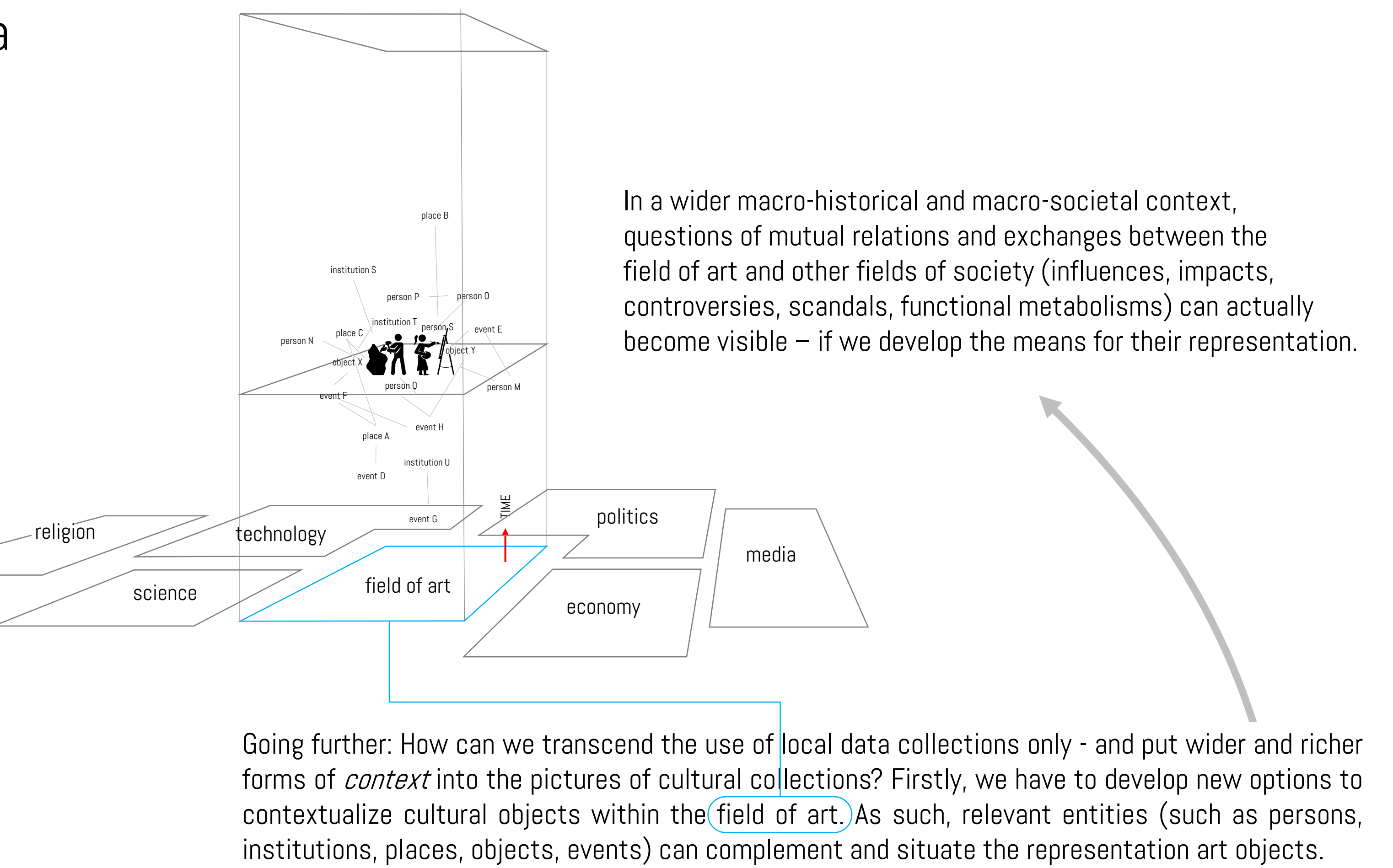


Art-historical institutions such as museums and archives are digitizing their object collections, and the same is happening to related art-historical documentation and discourse. Digitized collections allow for new forms of representation and reception, as provided by multiple methods of information visualization. For a recent survey, see [collectionvis.org](http://collectionvis.org).



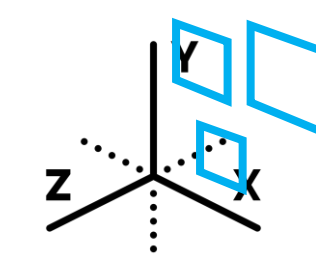
Visualization of Cultural Objects according to Various Metadata Dimensions

Visualization of the Temporal or Historical Data Dimension



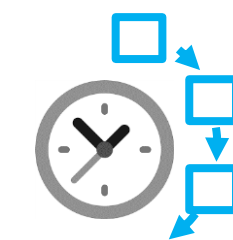
### Coherence Techniques

#### Utilization of Space



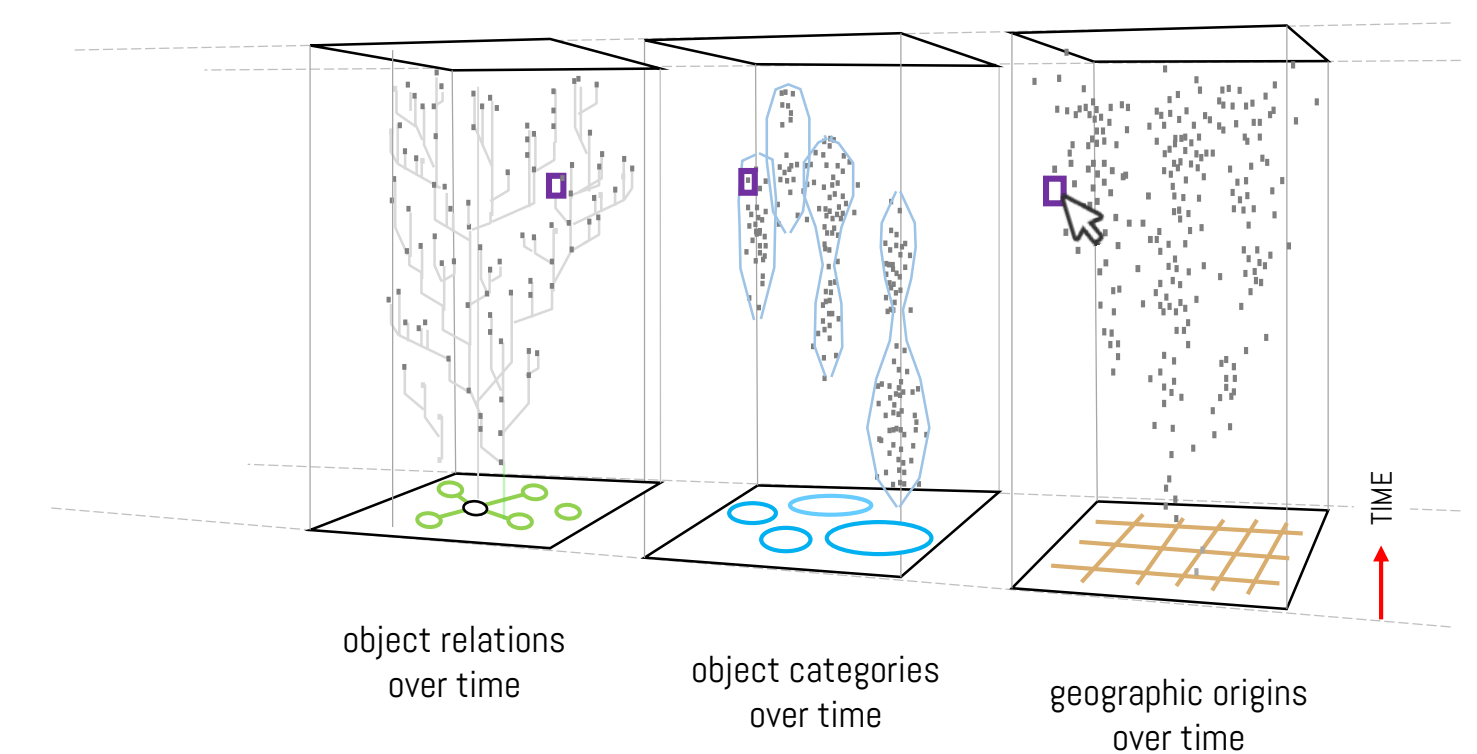
- Coordinated Multiple Views (Roberts, 2007)
- Rich Pictures (Monk & Howard, 1998)
- Compound Visualization (Eppler, Sedlmair)
- Data Comics (Bach et al., 2017)
- Polycubism (see to the right)

#### Utilization of Time



- Narrative Visualization (Segel & Heer, 2010)
- Sequencial Presentation (Standard Technique)
- Film / Animation (Standard Technique)
- Interaction (Standard Technique)
- Animated transitions (Heer & Robertson, 2007)

### PolyCube Visualization



But how can we create more interconnected "bigger pictures" of rich cultural collections? - We want to advocate the use of "coherence techniques" and their combination, such as in the PolyCube project (<https://donau-uni.ac.at/en/polycube>).