

# HENRI PIRENNE INSTITUTE FOR MEDIEVAL STUDIES - GHENT CDH - MAMLUK HISTORY & CULTURE

Jo Van Steenberghe

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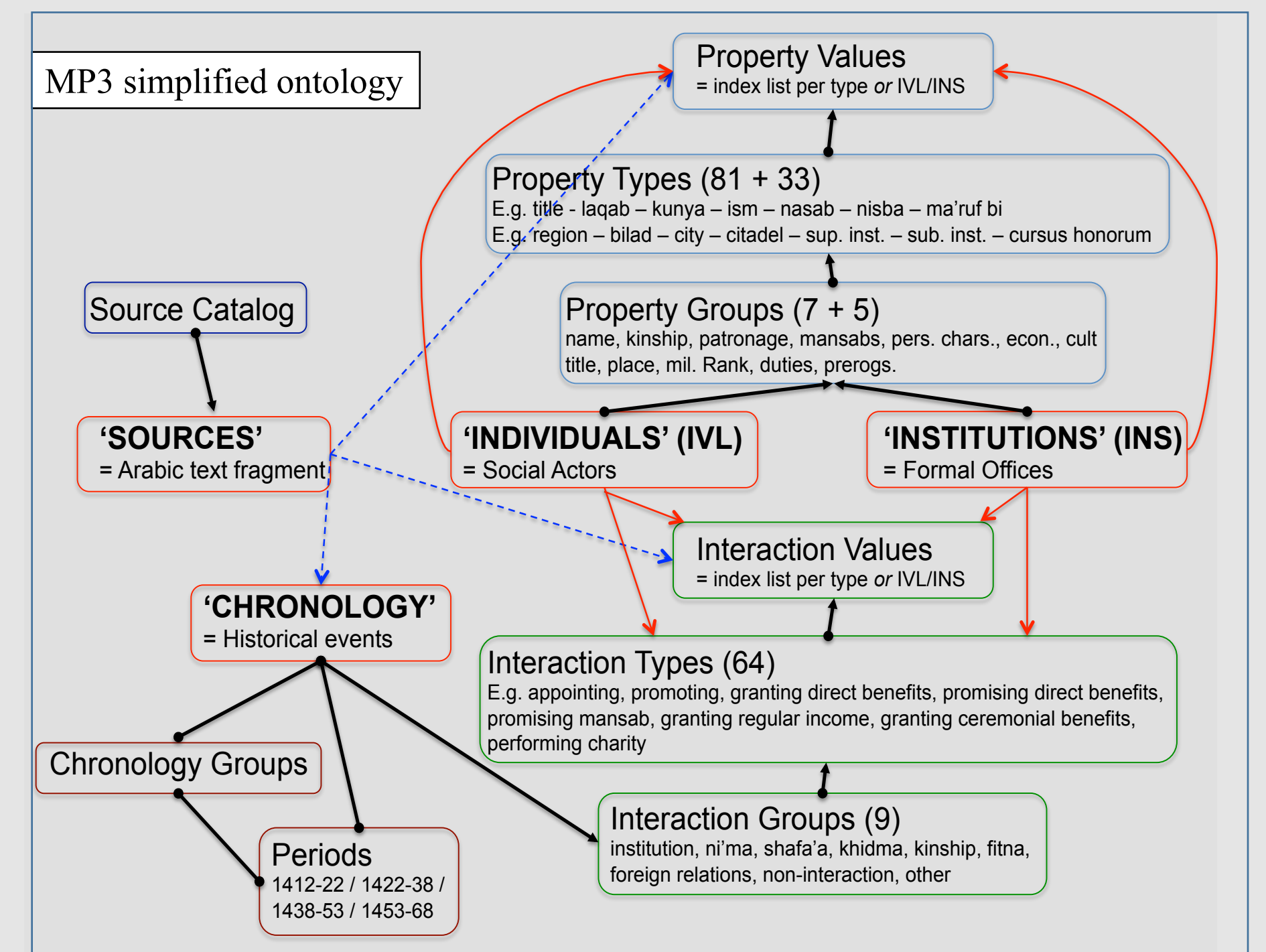
## FROM MP3 TO MPP:

# ‘MAMLUKS’, ARABIC HISTORIOGRAPHY, AND THE SEMANTIC WEB

### Mamluk Political Prosopography Project (MP3)

- Prosopography & Sociography
- Relational Database
- FilemakerPro 12
- ERC-Starting Grant MMS (2009-14)
- Project-specific  
(pol. elites, Syro-Egypt, 1382-1467)

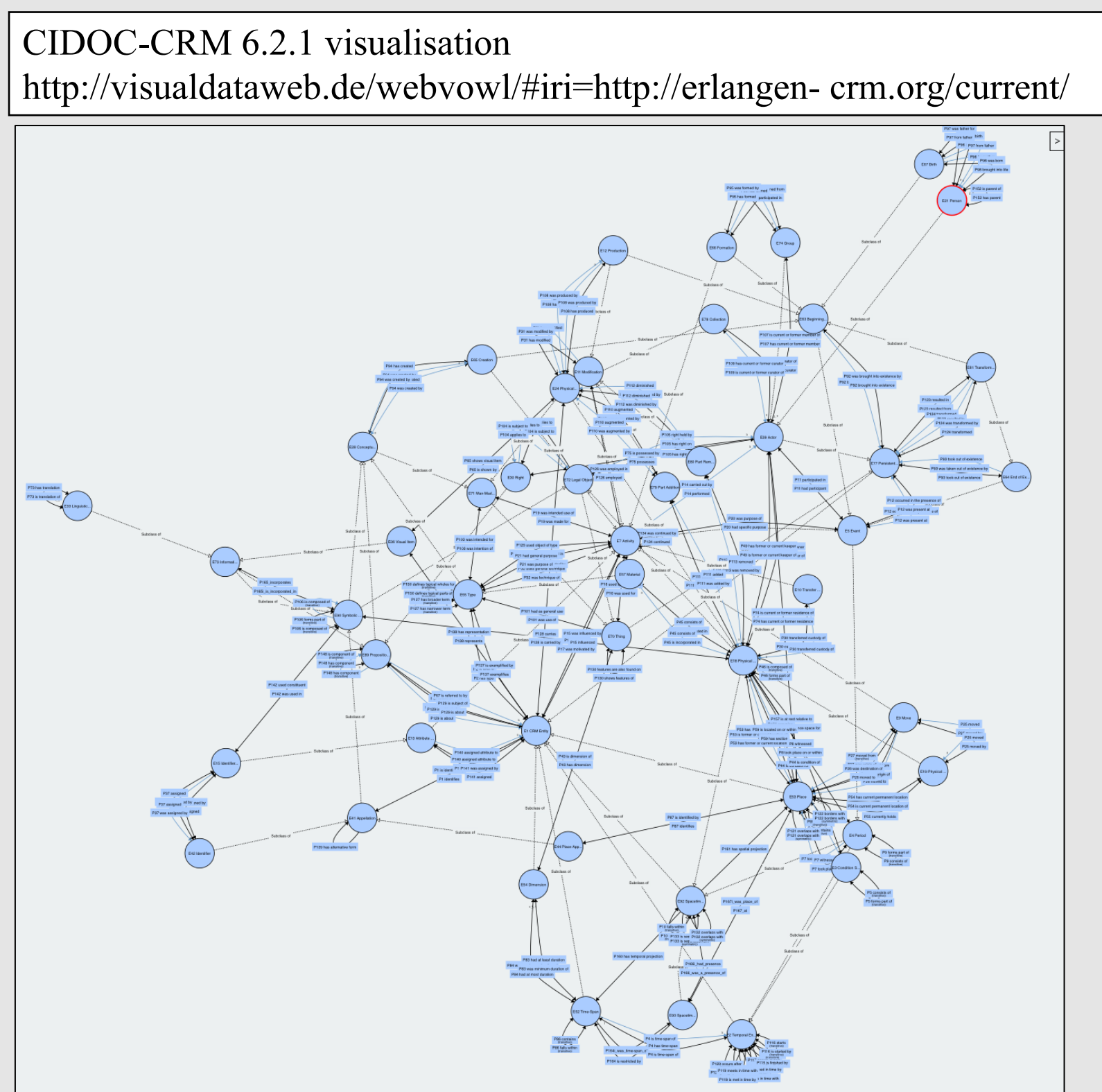
- 27 narrative texts
- 9,366 ‘Sources’ (Ar.)
- 4,354 ‘Individuals’
- 1,232 ‘Institutions’
- 51,717 Properties
- 11,470 ‘Events’
- 36,250 ‘Interactions’



## Mamluk Prosopography Project (MPP): From a Project-Specific Database to an Open Access Digital Humanities Database of Late Medieval Syro–Egyptian Elites, Networks and Practices (2016-20)

MPP will be an Open Source & Open Access Data Platform for 'Medieval' Arabic Humanities Research. It will be constructed from and integrate the MP3 Filemaker 12 database as well as other relevant open datasets. MPP will be a flexible, sustainable, user-friendly and multi-purpose solution, integrated in UGent's IT-environment and an active partner of the semantic web. MPP will be geared towards the computational analysis of social groups and networks and of socio-cultural practices, especially for the history of the late medieval Sultanate of Egypt and Syria (13th-16th centuries). MPP will consist of the following components:

1. Development of a new Open Source application.
2. Migration of MP3-datasets, Integration of relevant Linked Open Data, Creation of new datasets for and an annotated corpus of relevant Arabic historiographical texts
3. Creation of a user-interface, enabling multiple user-roles and multiple projects.
4. Creation of user-friendly analytical functionalities and tools. Integration of and communication with data-mining and visualisation tools.



### MPP Keywords:

- Drupal 8, Apache Solr, MySQL, ...
- API
- Graph Database – RDF
- CIDOC CRM (www.cidoc-crm.org)
- Aleph
- Geonames, VIAF, MBP, Open ITI, ...
- Text-based ('factoid') + Text Corpus
- ERC Consolidator Grant MMS-II
- Data-Sharing and Individual Projects

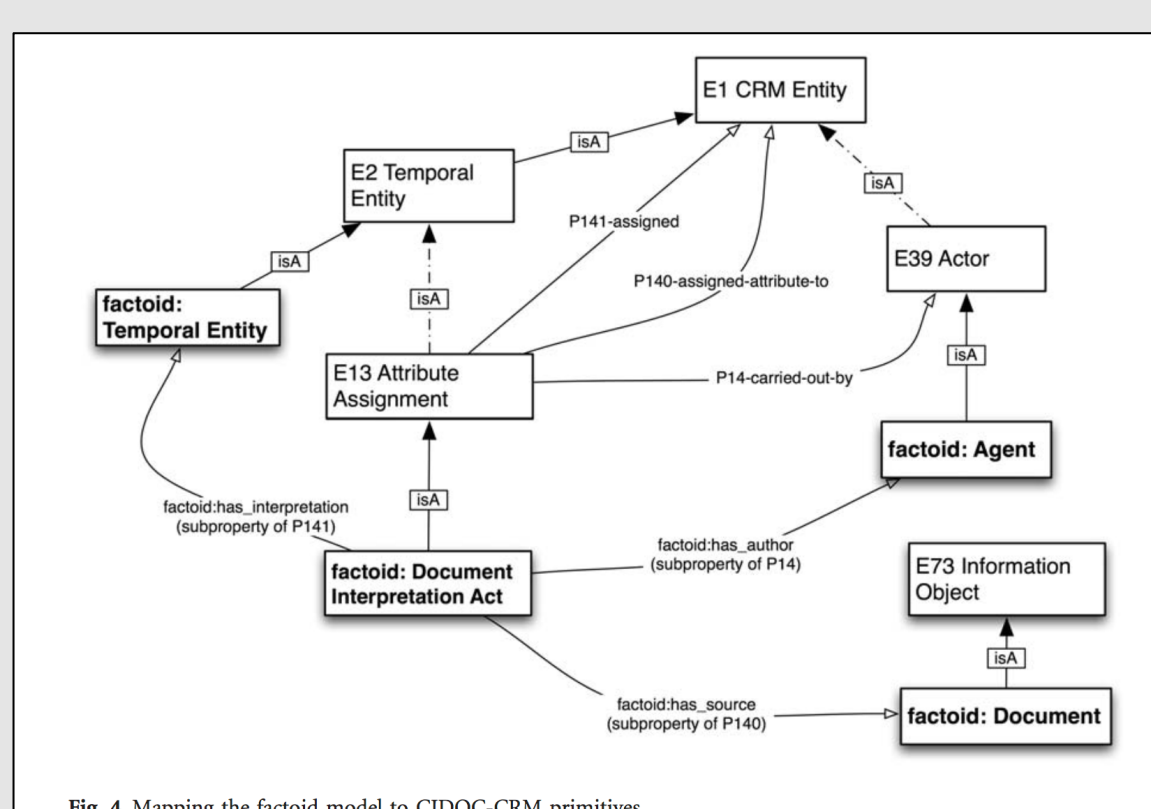
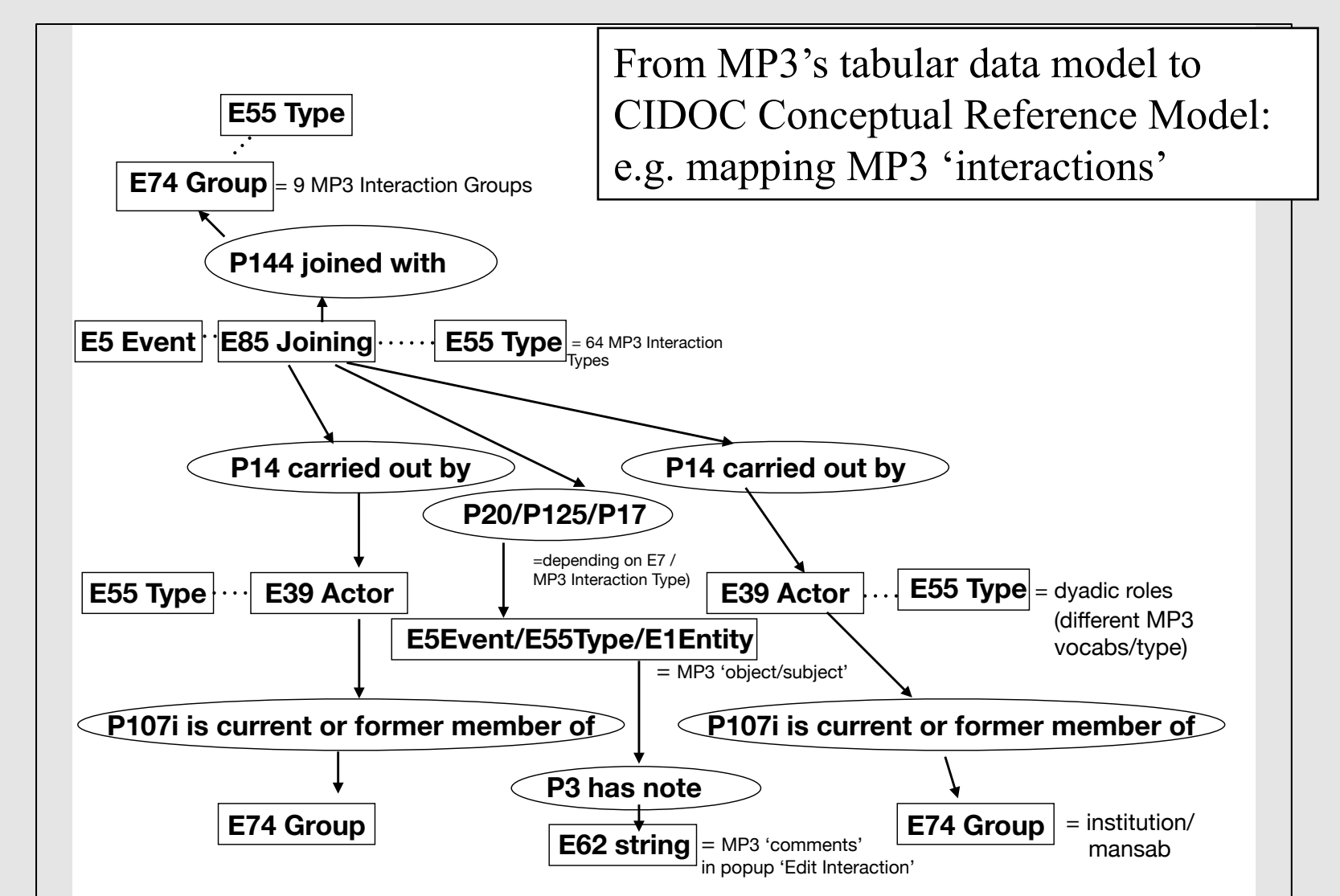


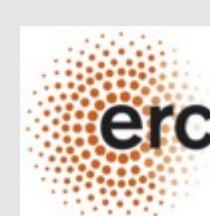
Fig. 4 Mapping the factoid model to CIDOC-CRM primitives  
From: M. Pasin & J. Bradley, 'Factoid-based prosopography and computer ontologies: Towards an integrated approach', *Digital Scholarship in the Humanities* (2014)

UGent-Partners:  
IT-dienst FLW / Universiteitsbibliotheek Gent /  
Ghent CDH / DICT, Afdeling ICT-Infrastructuur

Andere partners: Universiteit Antwerpen

inuits  
OPEN SOURCE INNOVATORS

Funding: fwo



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