

# Issue 488

: Modelling an Actor carrying out an action at the Behest of  
Another

# Background

There are cases where actors are participating in an activity in a very particular role. Modelling this correctly with current expressive tools is difficult.

- There exists the 14.1 in the role of mechanism but this points to a type, not to a particular, individual role
- There exists the possibility of modelling as a sub-activity, but this has problems in terms of creating proper part whole representation between activities (can't use part of for everything!)

Why look at again? More data and new useful modelling constructs

# More Data: Early Modern Slave Trade Archival Records

**Data Scope:** Archival research in centres of early modern slave trade between the Mediterranean and the Atlantic with a focus on the documentation of contracts

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**Researchers:** Steven Teasdale, Andres Mesa

**Digital Research Lead:** Jorg Hoernschemeyer

**Conceptual Modelling Consulting:** Matthew Fielding, George Bruseker

# Data High Level [for this issue]: Contract Types

Acordatio

Arbitratio

Asecuratio

Cassatio

Cessio

Compromissum

Datio

Debitum

Declaratio

Dos

Franchixia

Instrumentum

**Inventarium**

Locatio

**Procura**

Promissio

Quitatio

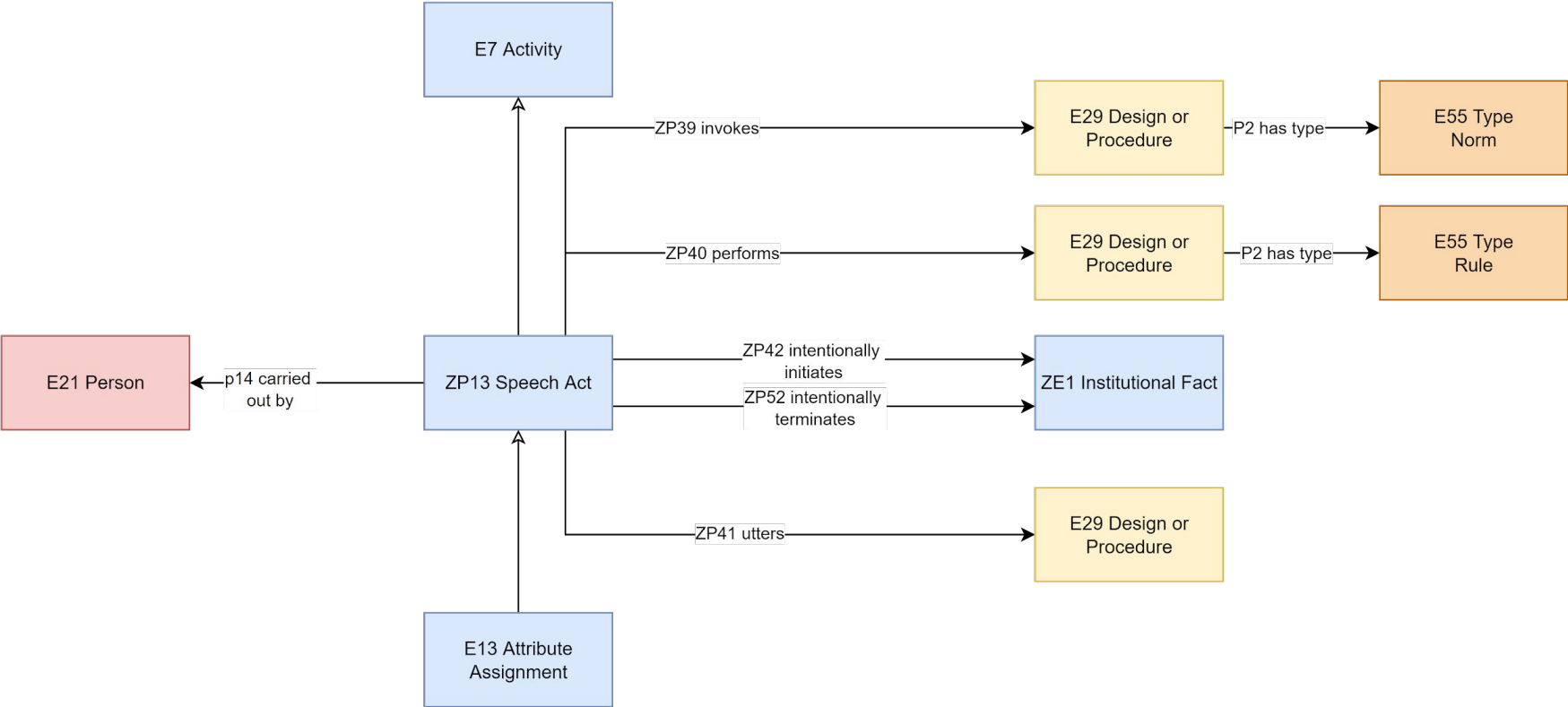
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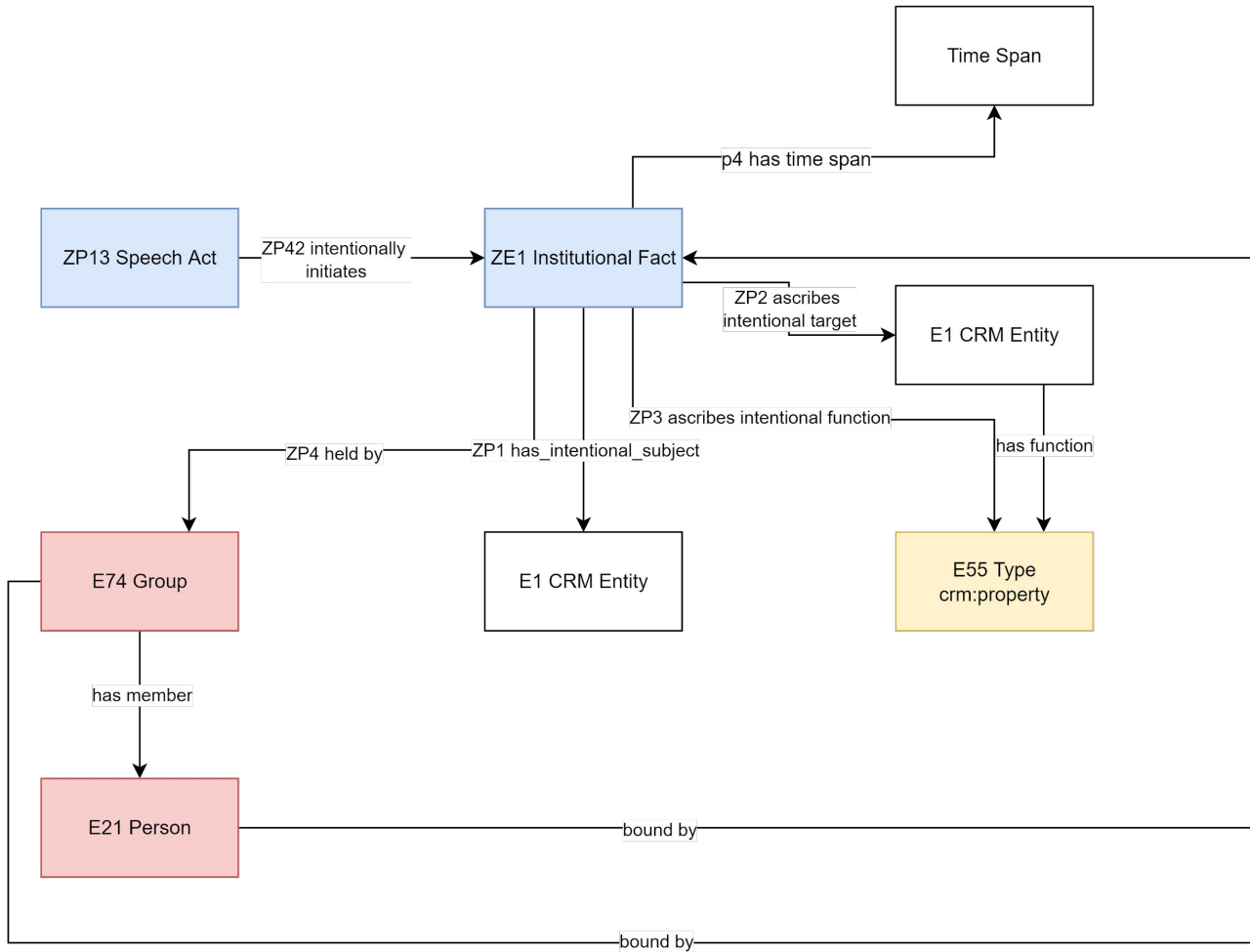
**Testamentum**

Testimonium

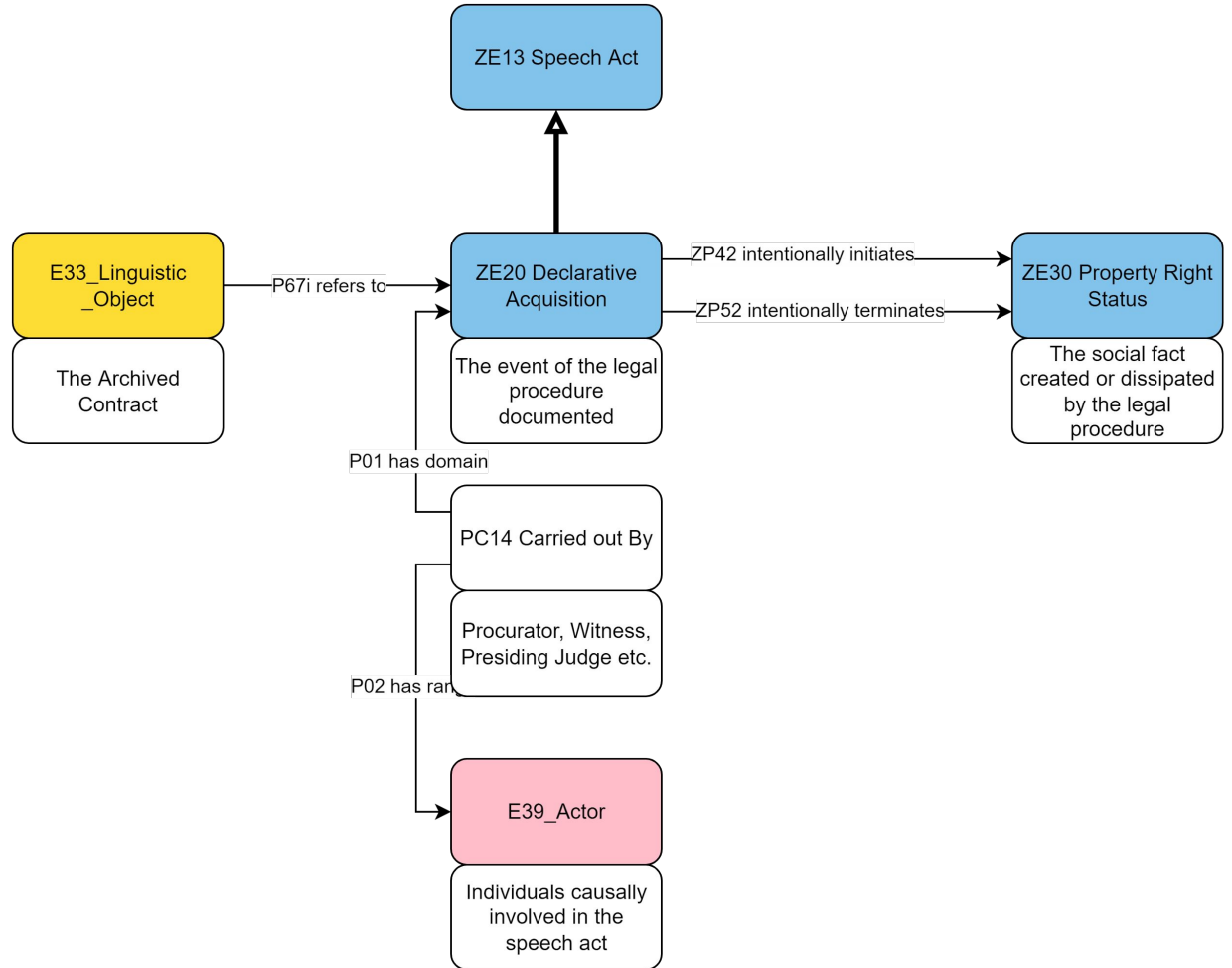
Venditio

# CRMaaa: Speech Act Pattern

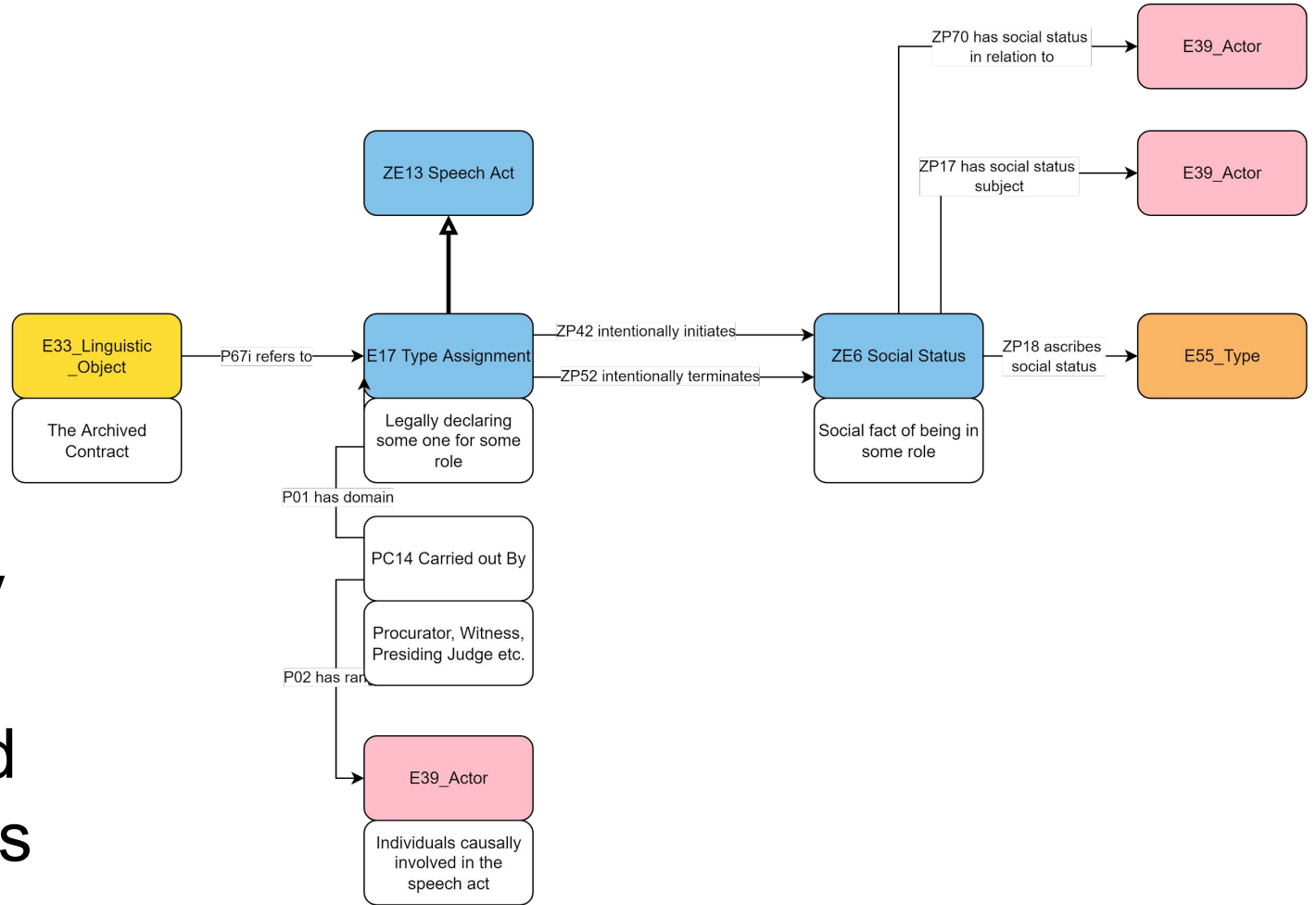




# Legal Acts are Well Provenanced Speech Acts

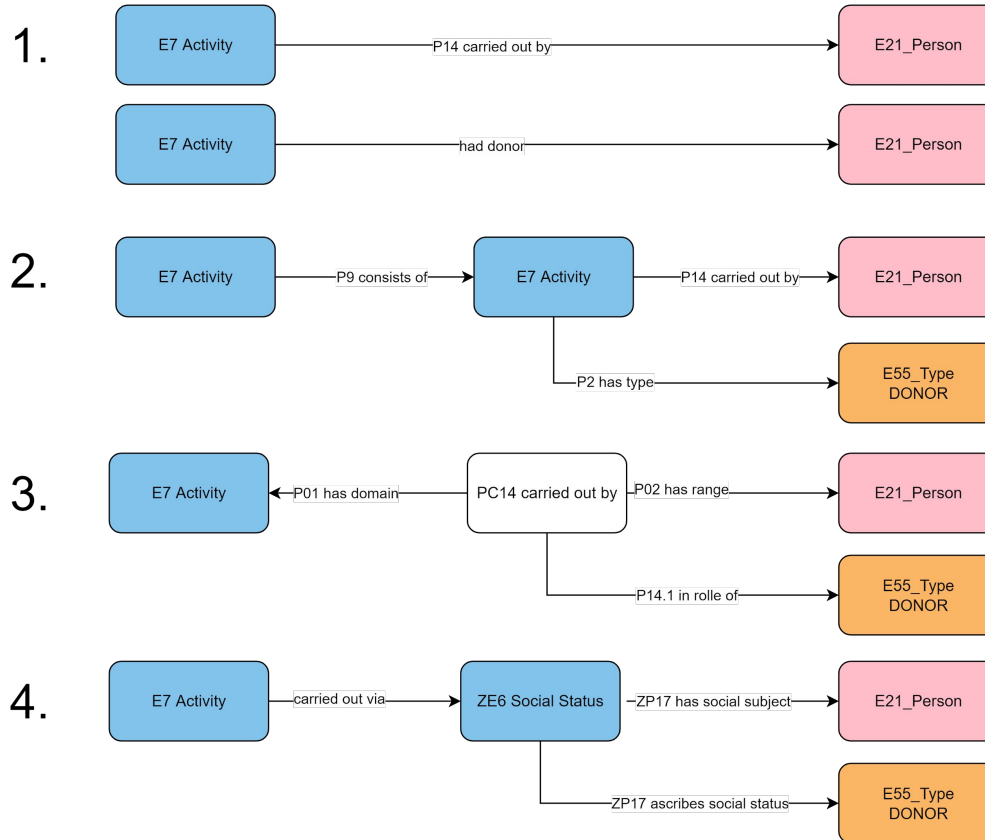


# Roles as Collectively Attributed, Rule Bound Social Facts





# CRMaaa: Roles Choices



# Conclusion

There are different ways of modelling roles in an activity, especially representation of X by Y. The most ontologically substantial and reusable way we have discovered is method four: represent the social fact and connect it to its provenance in a type of speech act if known.