

golden  
agents

# Creative Industries and the Making of the Dutch Golden Age

Storyfying data:  
Matching Core  
Conceptual Model for  
(Im)material Cultural  
Heritage to CIDOC-CRM



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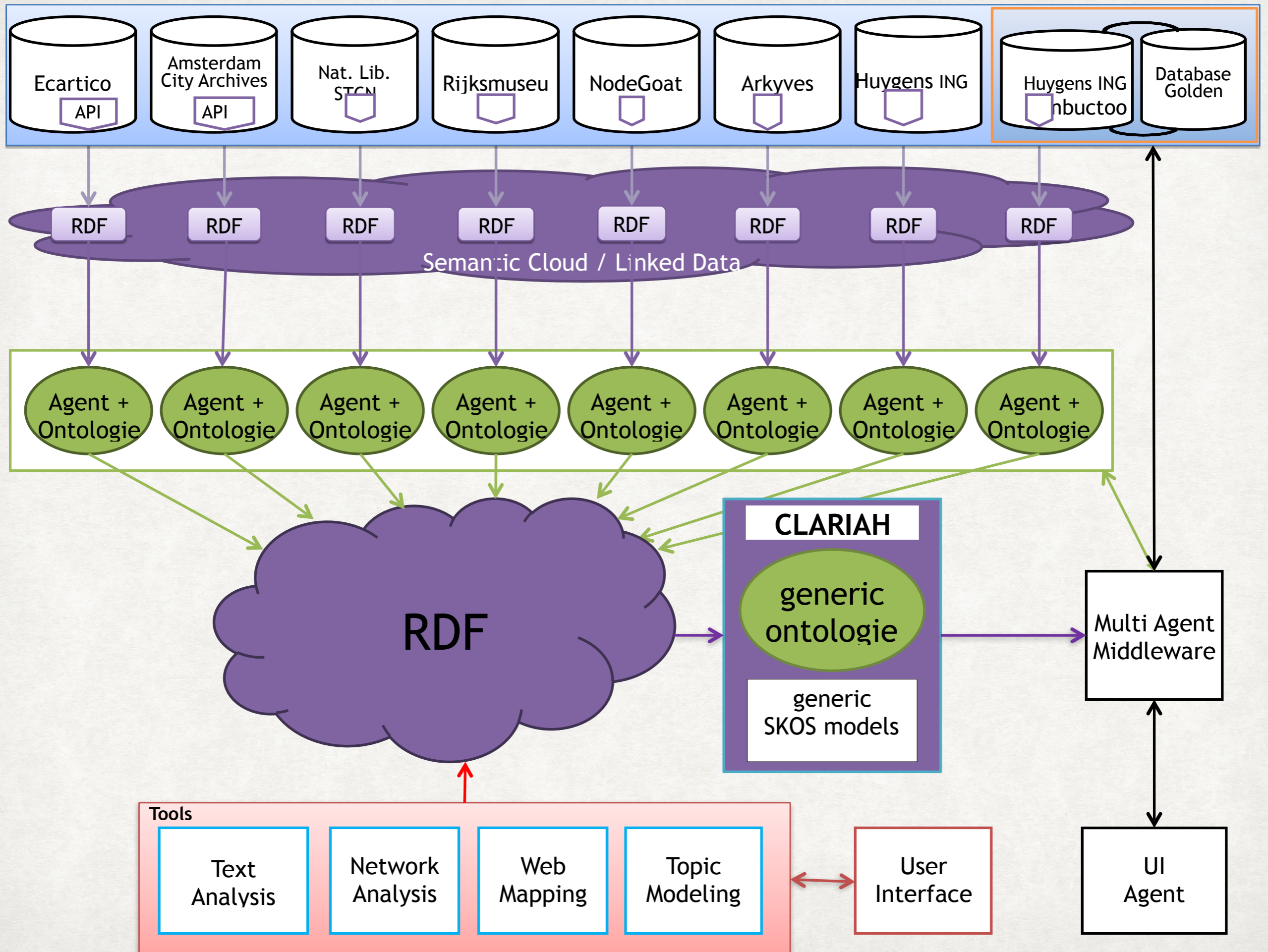
23-05-2018 @Lyon

# Golden Agents Infrastructure: Aim

- Understanding the dynamics in the creative industries of the Dutch Golden Age:
- by analyzing interactions between various branches of the creative industries
- by analyzing interactions between producers and consumers of the creative industries

# Golden Agents Infrastructure

- links existing and new data linked via Semantic Web technology
- organizes knowledge in ontologies
- employs multi-agent technology to analyse interactions between branches, producers and consumers of creative industries and support users providing feedback
- uses a combination of automatic handwriting recognition and crowdsourcing to disclose 10 million scans of notary acts with probate inventories

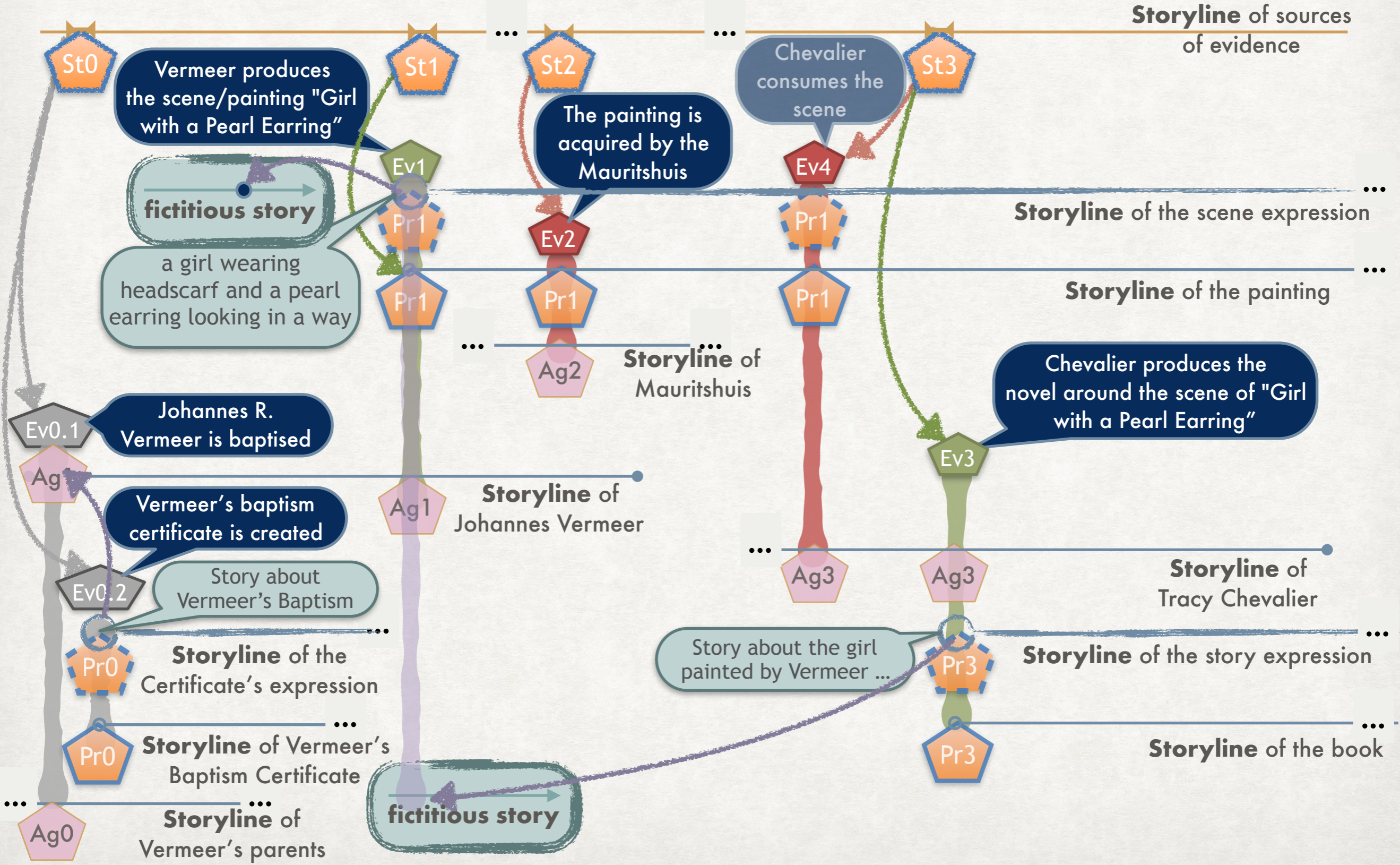


# Conceptual Model

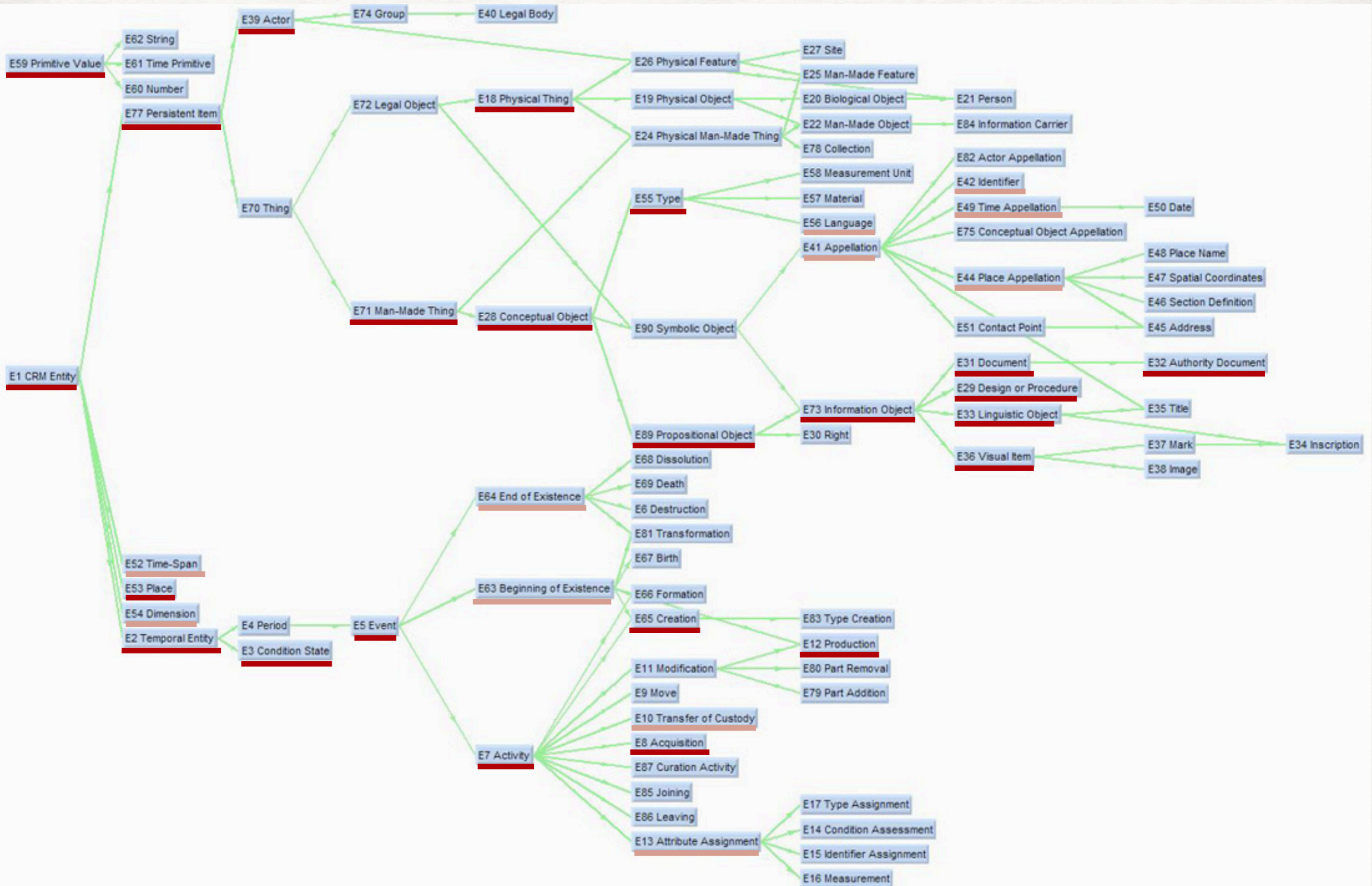
- Goal: *integrate* data from several cultural heritage branches  
This includes data about the arts, but also documents from city archives such as baptism, marriage and burial registries.
  - ❖ Material x Immaterial
    - Branches “connect” through *consumption* of “ideas” *expressed/communicated* through products  
— need for harmonisation
  - ❖ Production x Consumption
  - ❖ Real x Idea (Fiction) “Realms” (Bernard Bolzano, 1781-1848)
    - Beliefs:
      - Hypotheses/assumptions that may eventually be believed as truth
      - Truths that may be disproven or disbelieved

# Several Related Storylines

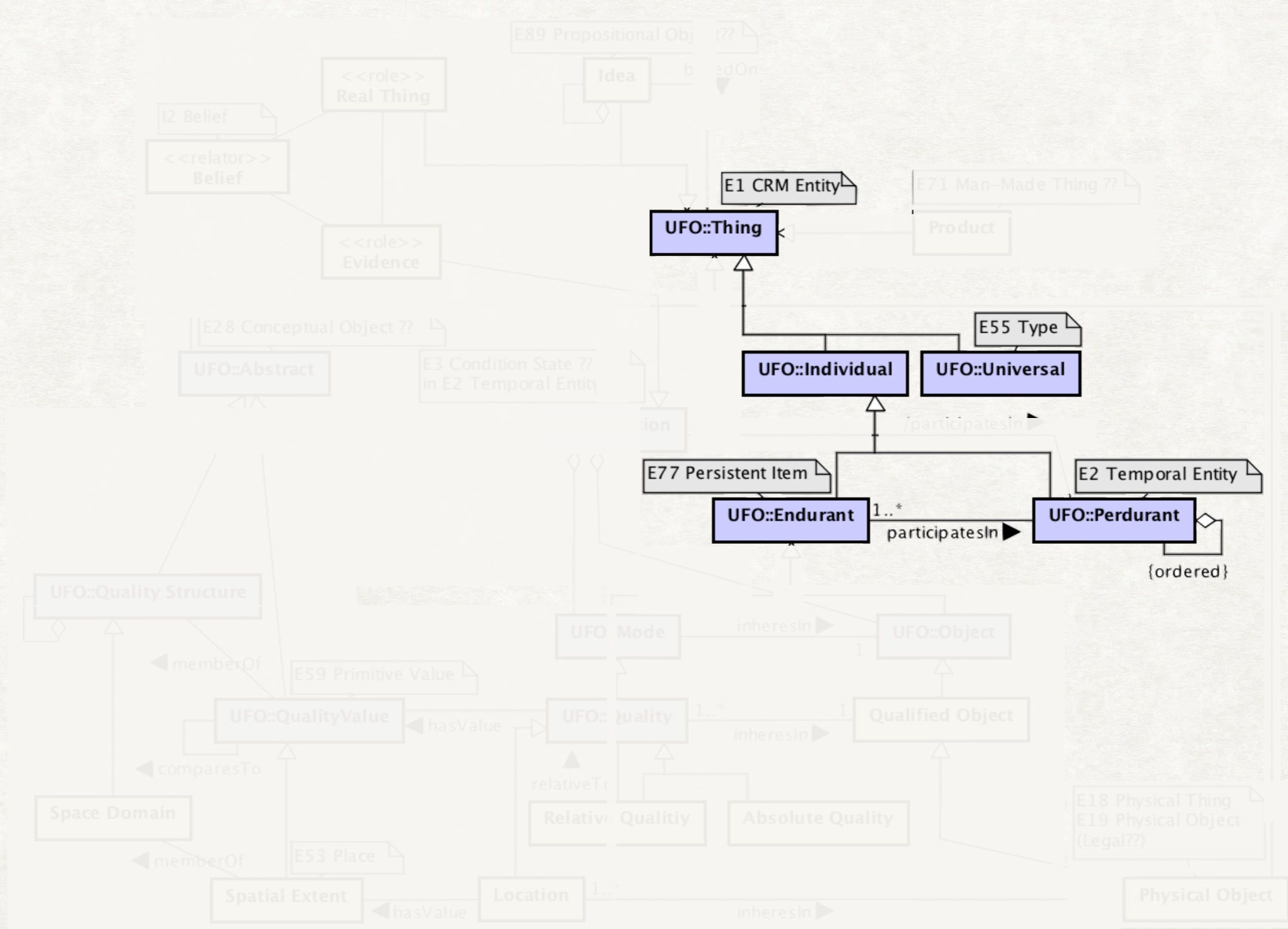
## Vermeer & Girl With Pearl Earring



# CIDOC-CRM

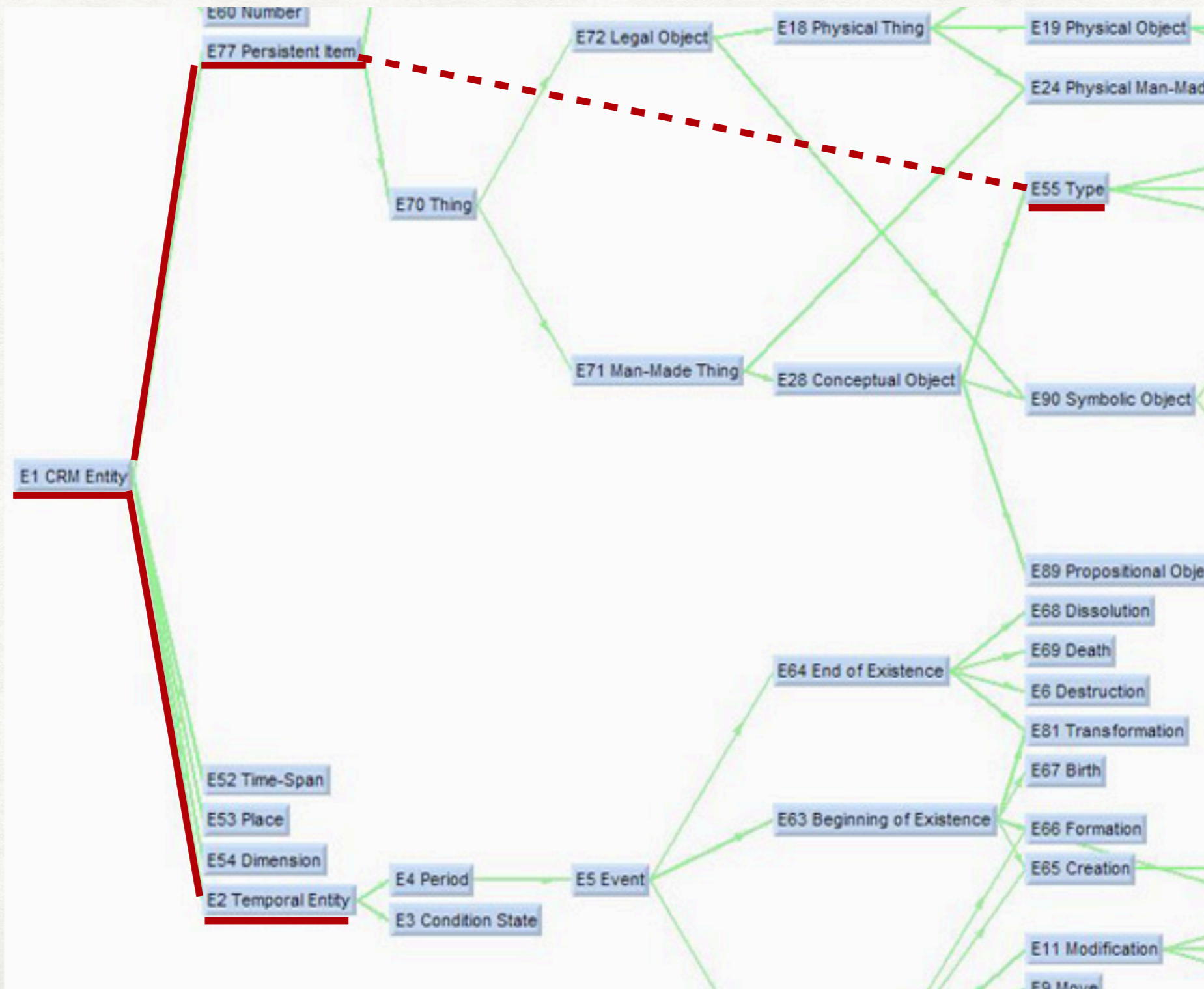


# Basic Distinctions

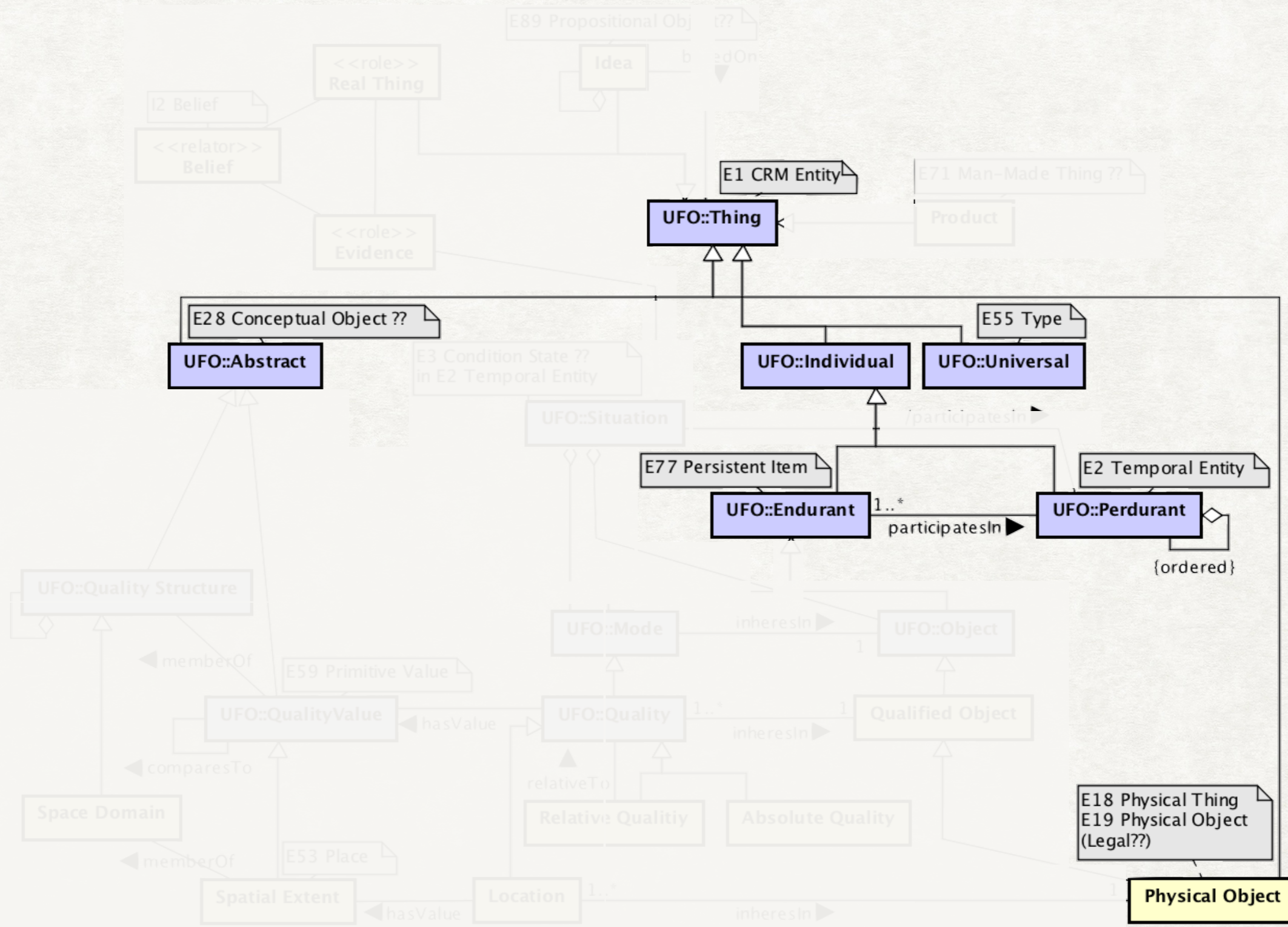




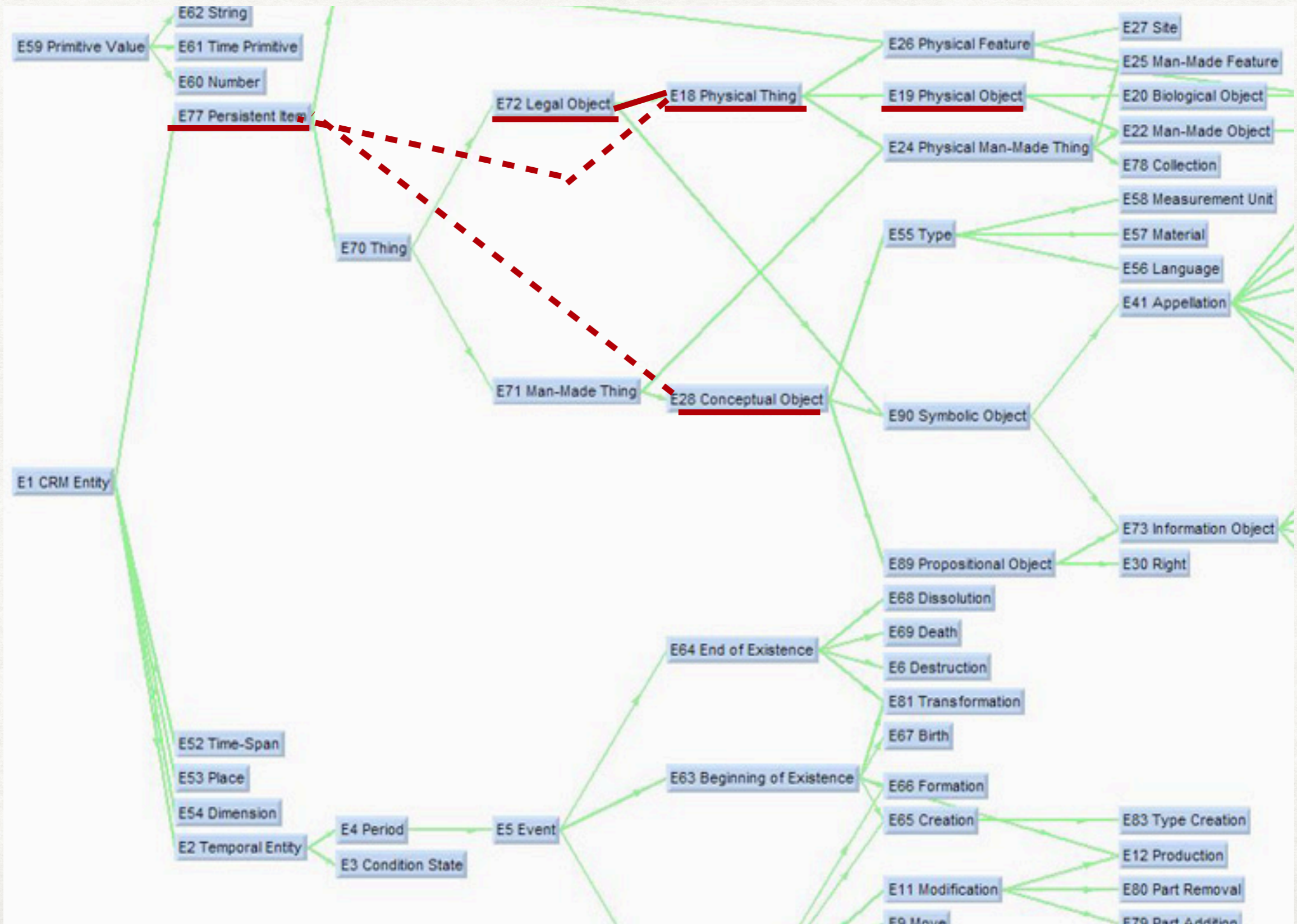
# CIDOC-CRM



# Basic Distinctions

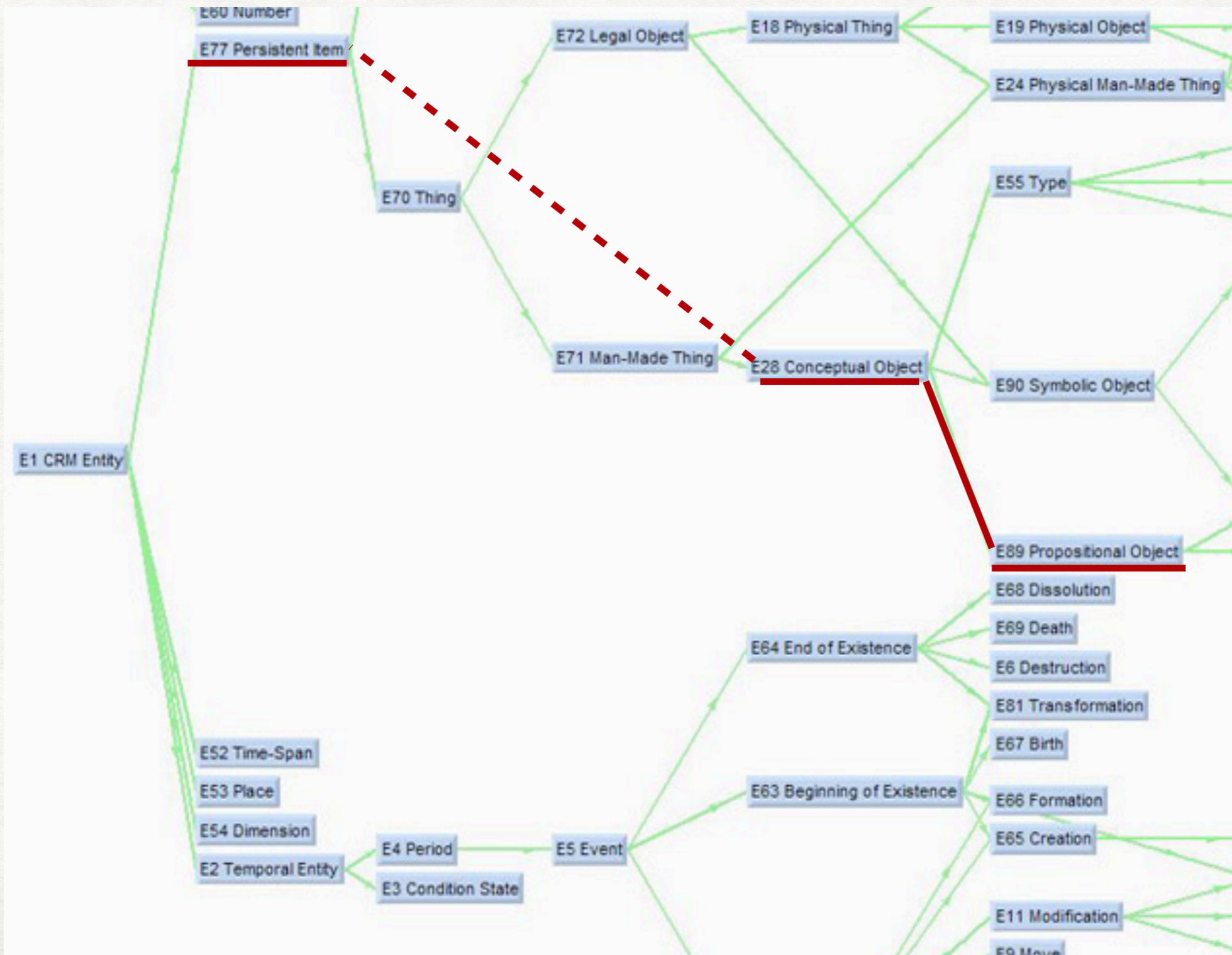


# CIDOC-CRM





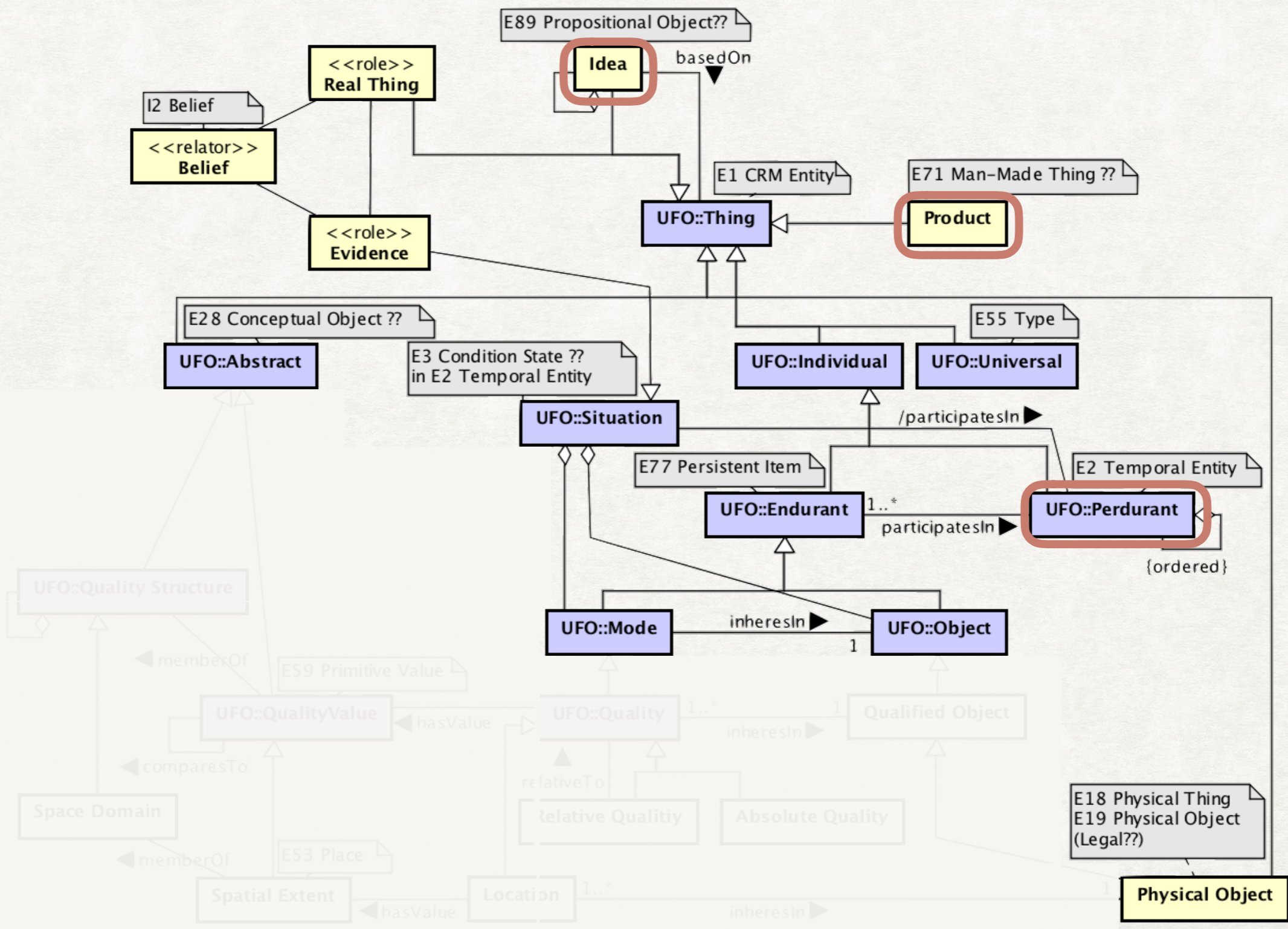
# CIDOC-CRM





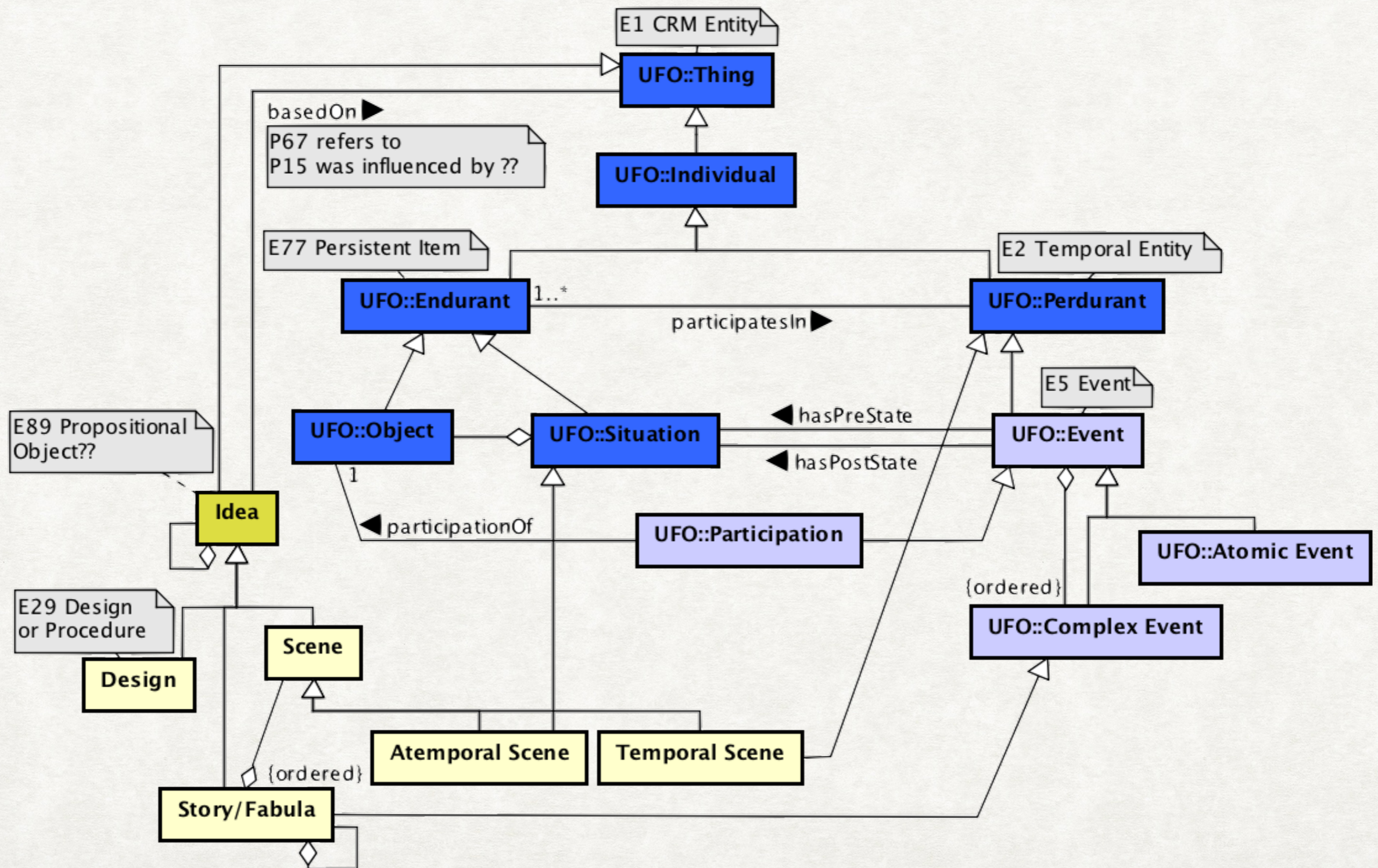


# Basic Distinctions





# Perdurants And Ideas



# Production And Consumption

