Reference data model, and implementation in OpenHDS
Entities (Invariants), Events, and Episodes

Entities
Individual, Location, Social Group
  Invariable attributes and relationships

Events
Birth, Death, Inmigration, Outmigration, …
  References to Entities, dates, attributes

Episodes
Residencies, Memberships, Relationships
  References to Entities (one or more), start date and start type, end date and end type (if applicable)
Reference Data Model (Benzler, Herbst, MacLeod)
Implementation in a relational databases (OpenHDS schema)

Example Residency:

References to entities:
   individual_uuid
   location_uuid

startDate
startType (e.g. IMG, BTH)

endDate (or NULL)
endType (OMG, DTH, or NULL)
Demonstration

Individual extID: BCL000777001