

Data Modelling: Possibilities and Challenges

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Archive der Kunst- und
Musikhochschulen

Digital Preservation for art and music
academies

To catalogue, publish and preserve the digital multimedia resources of the art and music academies of the state of NRW.

challenges

extremely heterogenous data

retro-digitised and born-digital files

**existing historical collections and
ongoing accession of graduation
projects**

all art genres

Dance

Design

Film and TV

Fine and Media Art

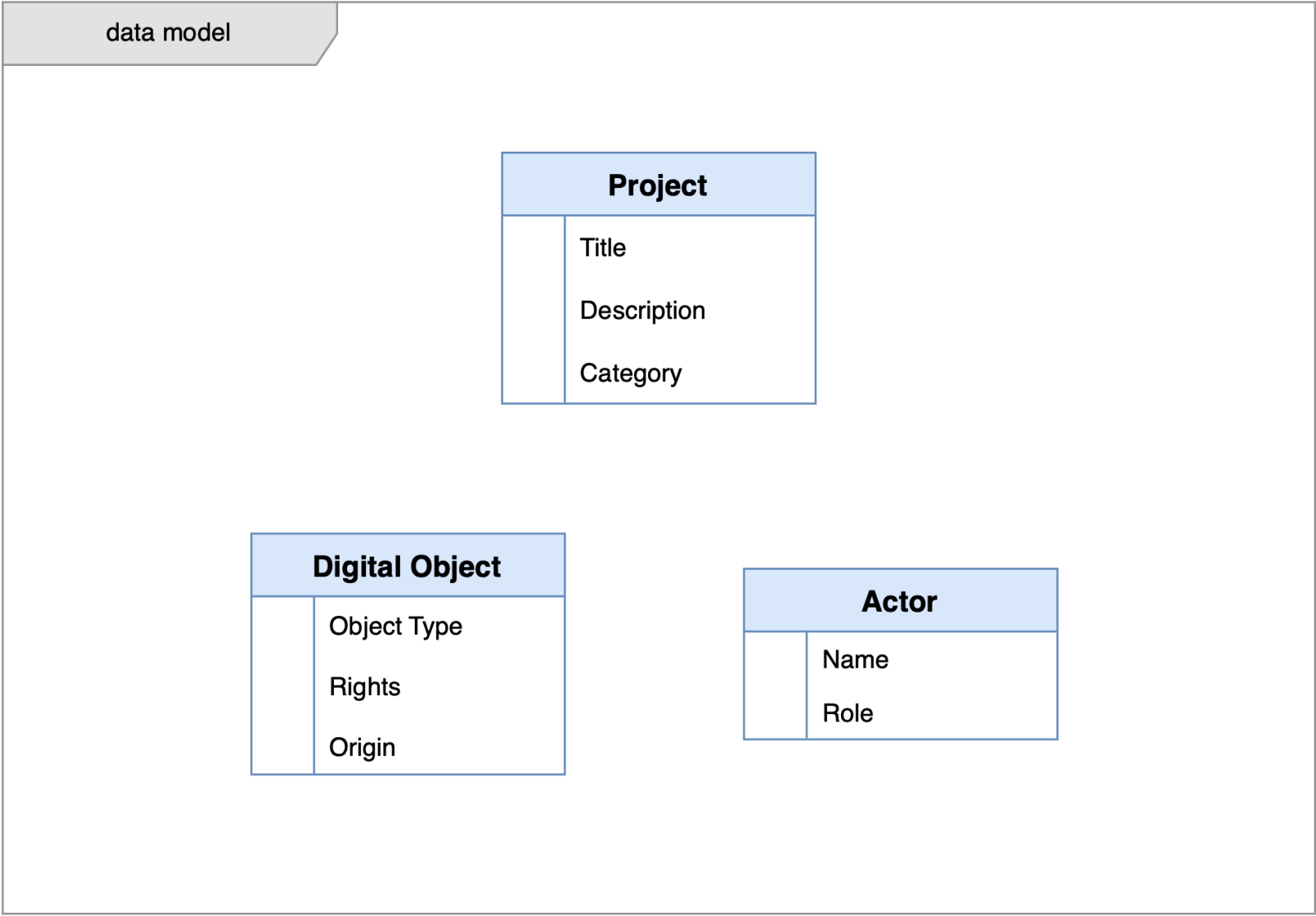
Literature

Music

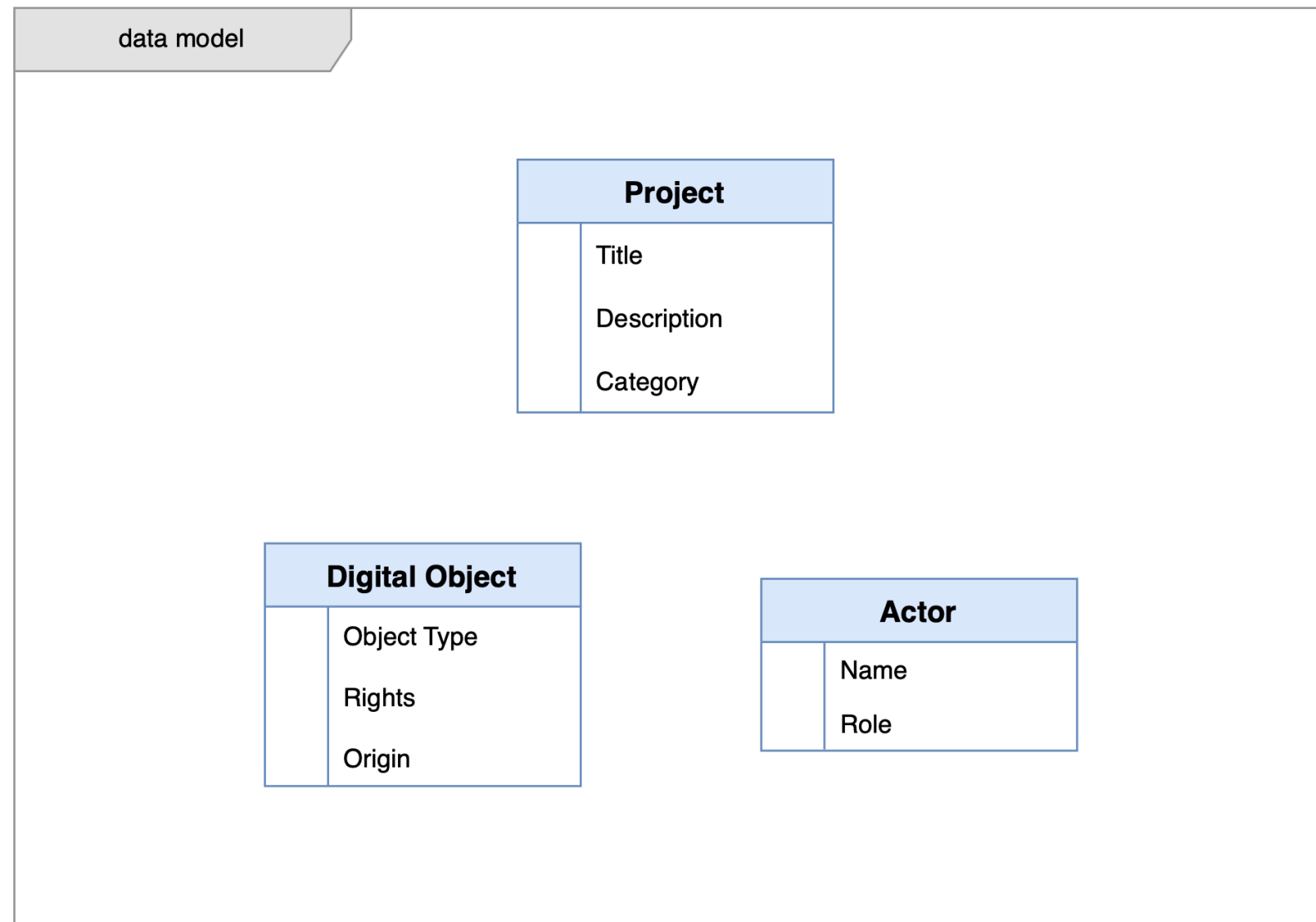
Photography

Theatre

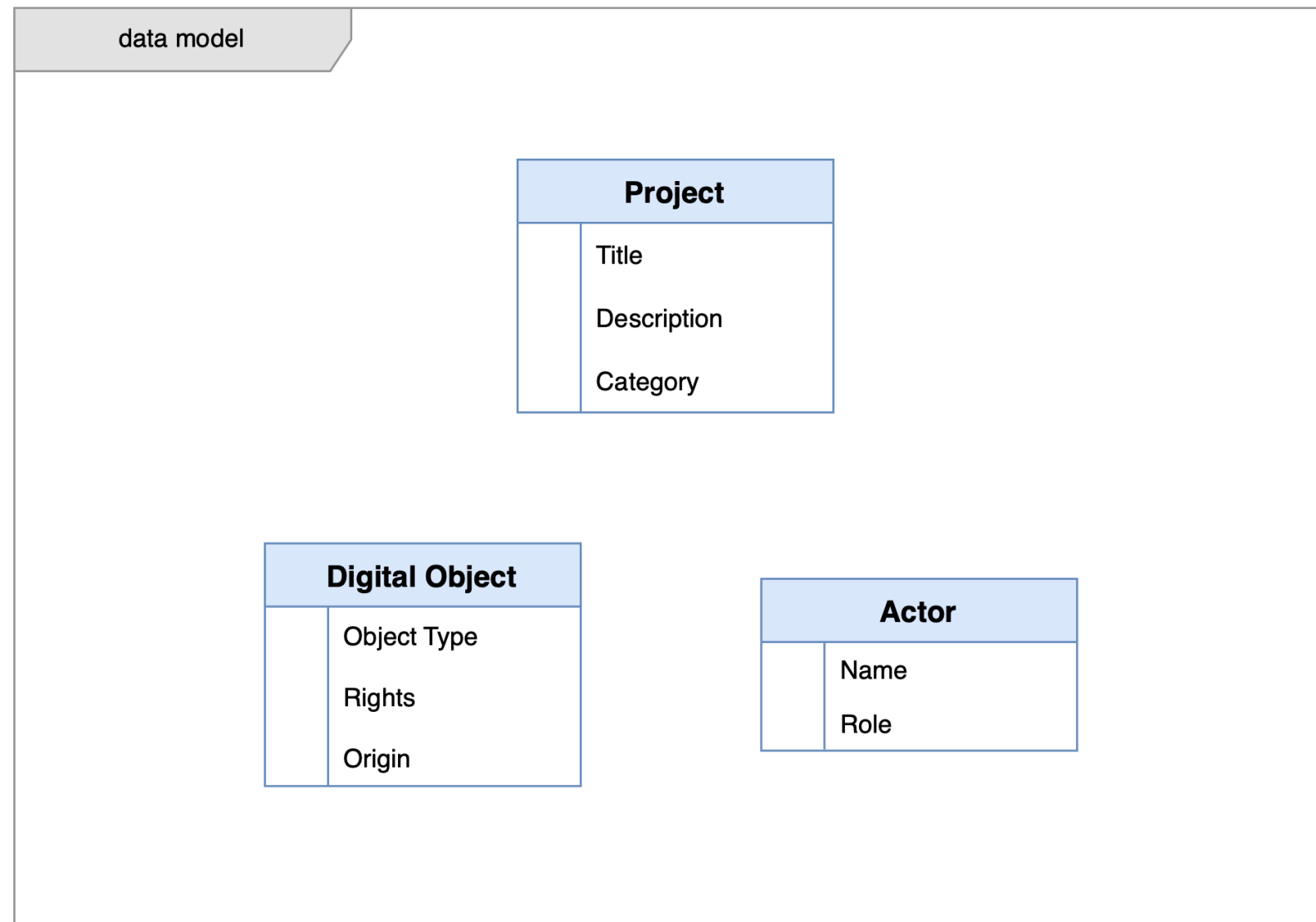
data modelling



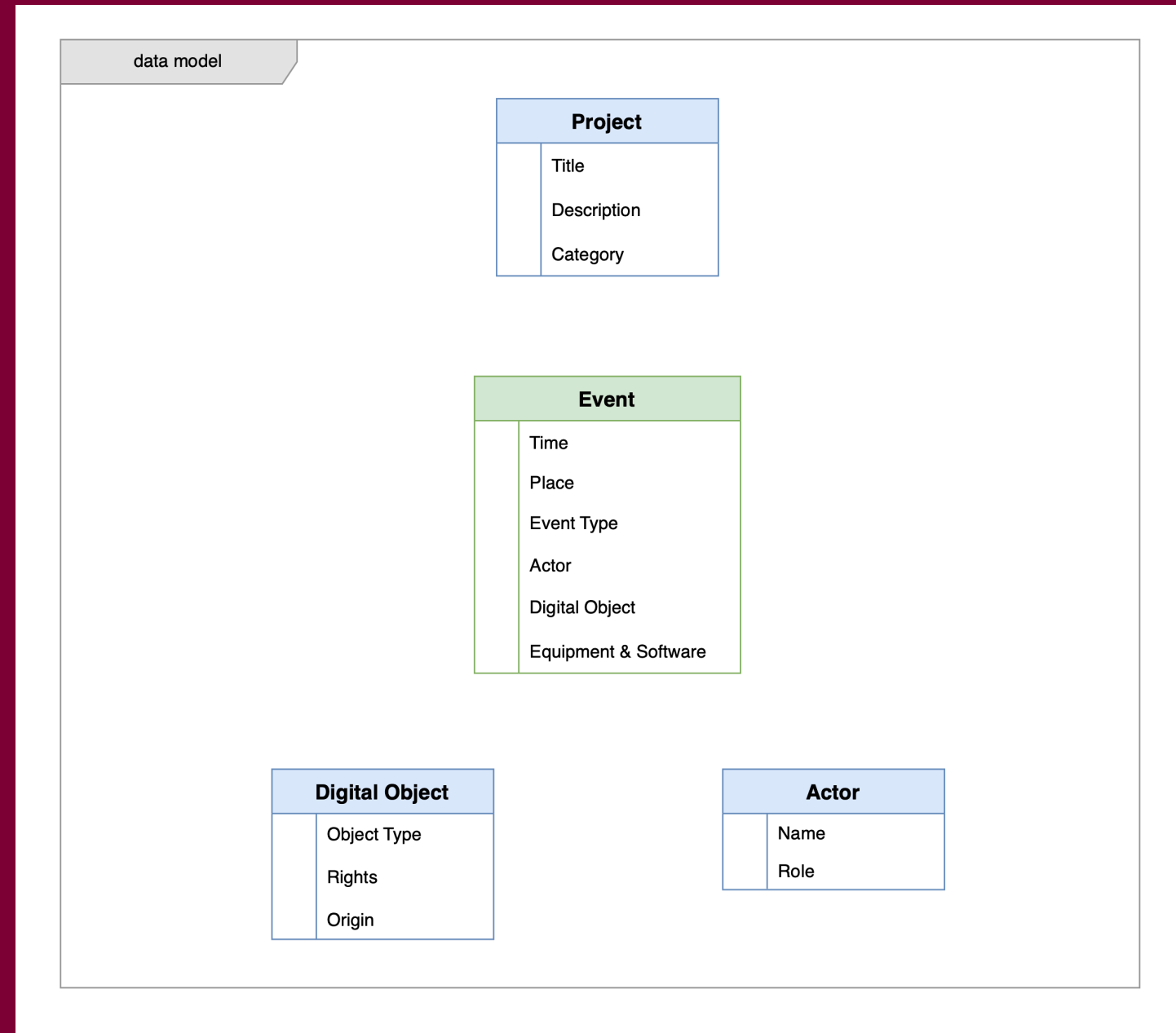
Projects (Works)



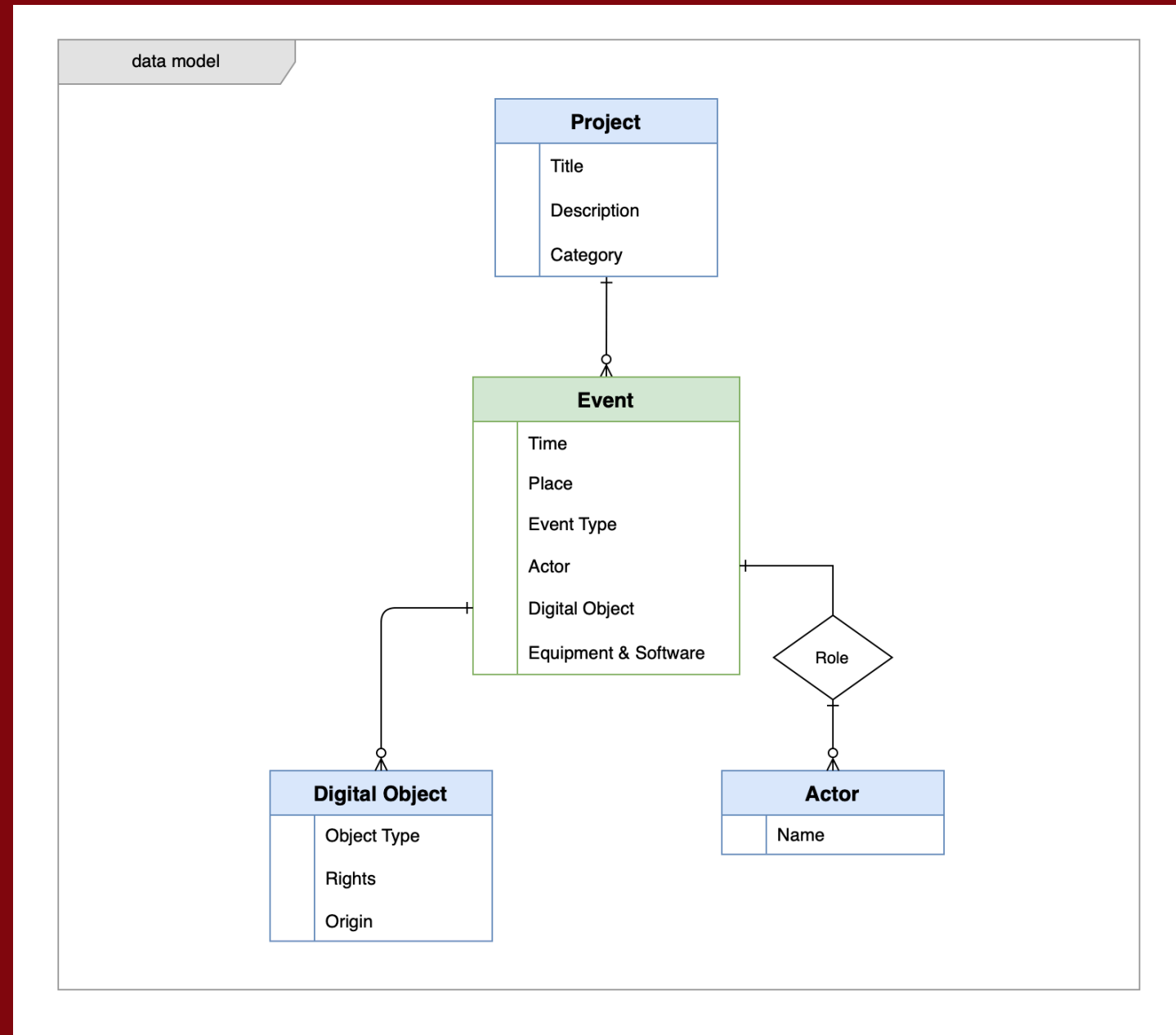
Projects have Digital Objects



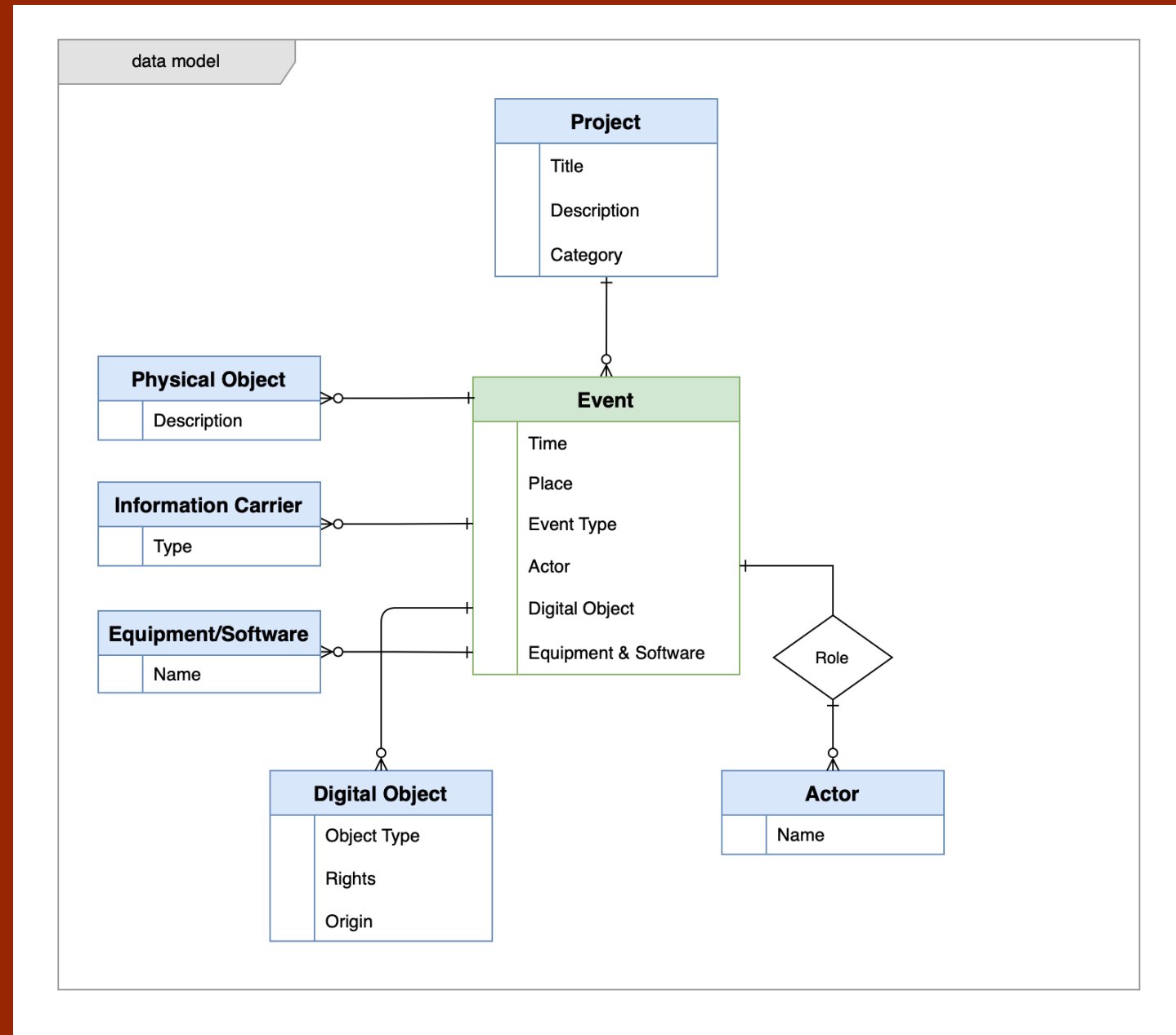
Projects have **Actors**



Projects have **Events**



a **Project/Event** Archive



almost everything is connected to Events

Types of events (selection)

Concert

Concert series

Creation

Destruction

Digitization

Documentation

Exhibition

Festival

Film Screening

Interview

Modification

Musical Composition

Performance

Première

Premiere broadcast

Production

Publication

Redesign

Rehearsal

Speech

Workshop

<https://lido-schema.org>

<https://www.cidoc-crm.org>

When creating the data model, we used LIDO as a conceptual model, which in turn is based on CIDOC CRM.

Information about event is often only implicitly given, or "hidden" data, but can be recognised by references to times and locations

Authority Files

- We enrich almost all everything with authority files: Actors, places, works, categories, keywords, information carrier types, roles, event types, materials and more
- Using GND, Wikidata, AAT, VIAF, LCCN, OrcID and other providers
- Linked Open Data connectivity
- Providing metadata for Europeana and other aggregators