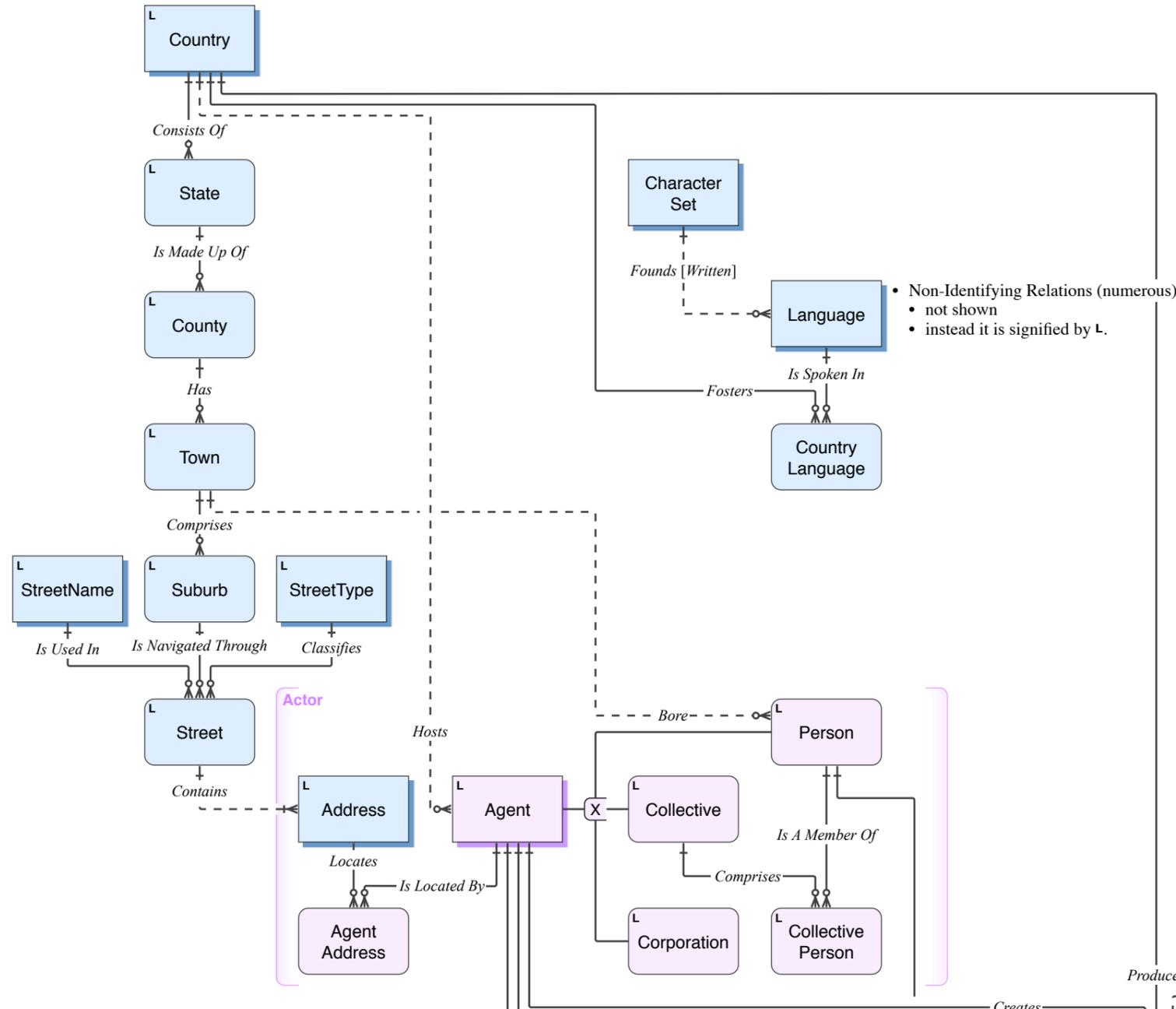


Logical stage, showing tables and relations, equivalent to the theoretical "conceptual model" minus the isolation and limitations.



- Non-Identifying Relations (numerous)
- not shown
- instead it is signified by L.

Scope

Relational Model [Codd] vs Anti-Relational Muddle [Date/Darwen/Fagin/et al] • How to identify a movie?
Metadata Standards for Cinematographic Work - EN 15744

The FRBR/FIAF/IFSA documents are not definitive, taken as serious consideration only.

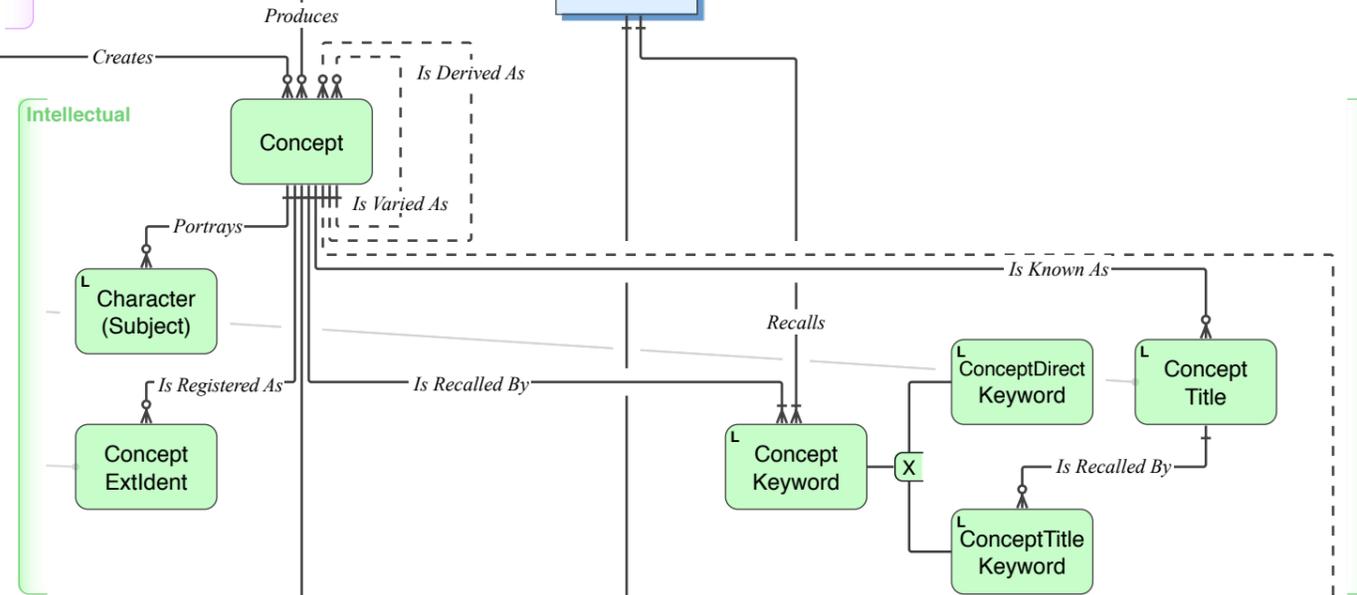
Note

- That a Realisation is a Variant of another Realisation, is a separate fact. Provided as single-parent tree.
- Thus Variant is not the concept in FRBR/FIAF/IFSA/etc, but an instance of Realisation.
- Collection caters for Series, in which case Realisation is the Serial.
- The default Language & CharacterSet (eg. Italian, Western Europe) are used throughout.
- Where a single attribute (eg. Name, Description, etc) that is in a non-default Language, it is stored as an Atom [Language_Name, Name]
- Where [all] the attributes in the row are in a non_default Language, Language_Row may be defined for the row

Keys (to be Confirmed)

- To begin with, all componets of Keys are in the default Language
- Where a Key component is in a non-default Language, the Atom [Language_ Component Component] is in the Key, so that it is carried wherever it may be a Foreign Key
- **Language** [LanguageCode] → CharSetCode
- **Country** [CountryCode] → Default LanguageCode
- **Concept** [CountryCode, TitleReduced, Creator, Year] → Title
 - The TitleReduced component of the Key is in the default Language & CharSet.
 - The TitleReduced component of the Key is reduced by removing prepositions; conjunctions; etc, resulting in a TitleReduced that is composed exclusively of Keywords (at the least)
 - the un-reduced TitleReduced is a Descriptor, in the default Language (FD)
- **Realisation** [CountryCode, TitleReduced, Creator, Year [, Differentiator]]
 - the un-reduced TitleReduced is Concept.Title, in the default Language (FD)
- **RealisationTitle** [CountryCode, TitleReduced, Creator, Year [, Differentiator], Language_RT, TitleReduced_RT] → Title_RT
 - the un-reduced TitleReduced_RT is a Descriptor, in Language_RT (FD)
- **Edition** [CountryCode, TitleReduced, Creator, Year [, Differentiator], Language_RT, TitleReduced_RT, EditionType, EditionDate]
- **Instance** [CountryCode, TitleReduced, Creator, Year [, Differentiator], Language_RT, TitleReduced_RT, EditionType, EditionDate, InstanceName]

- At least in the default Language
- Additionally, in any Language



- TitleType**
- TitleType
 - Original
 - Screen
 - Preferred
 - Alternate
 - Translation

- TitleStatus**
- TitleStatus
 - Tentative
 - Draft
 - NotValidated
 - Validated

- ExternalType**
- ExternalType
 - ISAN
 - EIDR
 - VIAF

Movie Title Progression V0_6 V0.6 • Table Relation

Purpose

Purpose

- Industrial
- Training
- Scientific
- Amateur
- Ethno-anthropological
- Advertising
- Experimental

Genre

Genre

Duration

Length

Audience

CrewRole

CrewRole

- Creator
- Cinematographer
- Director
- Presenter
- Producer
- ProductionCompany

CastRole

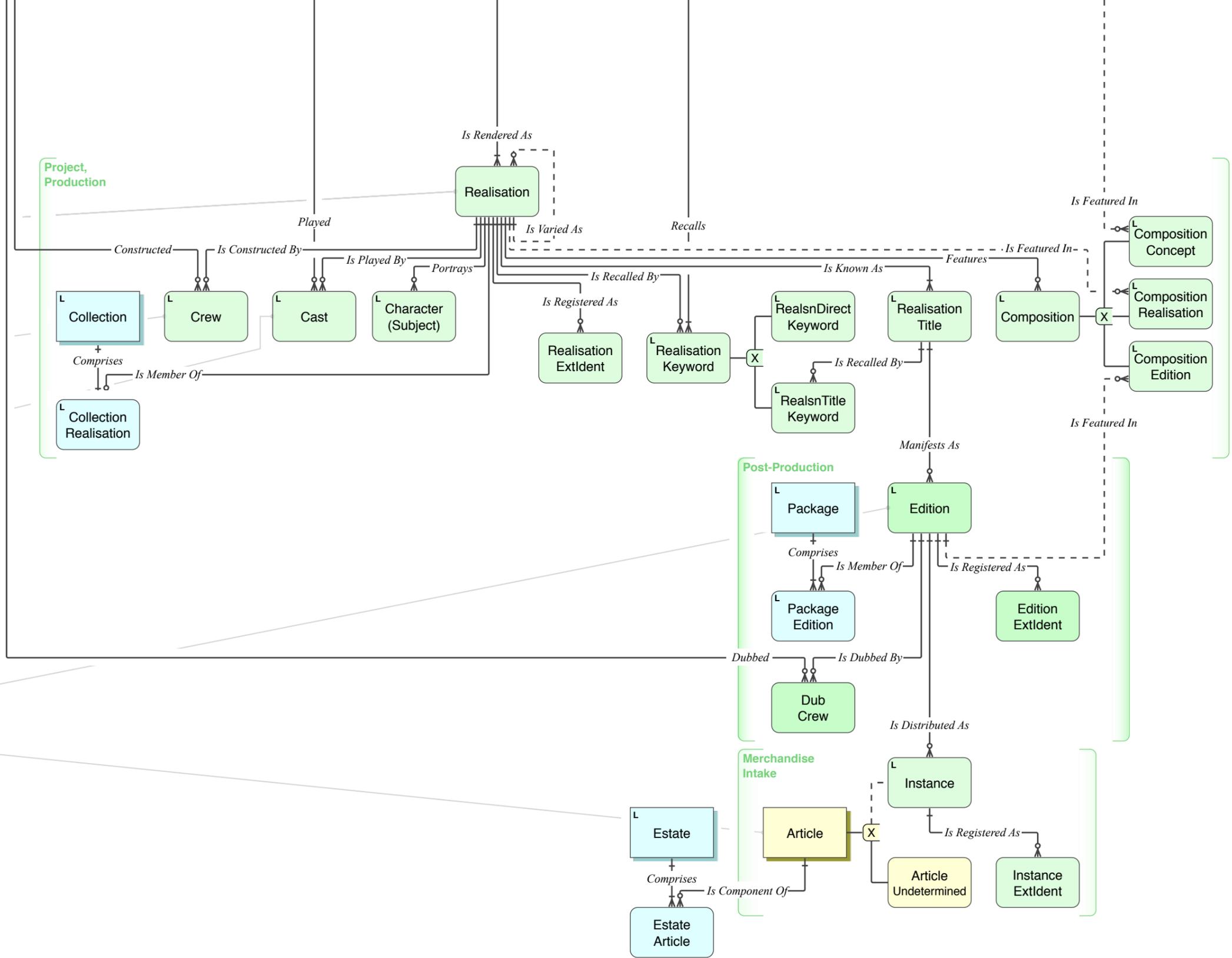
CastRole

- Lead Actor
- Actor
- Lead Actress
- Actress
- Cast
- Cast Minor

MediumType (Format)

MediumType

- 8mm
- Super8
- Video ?
- Half inch open reel
- U-Matic
- VHS
- DVD
- FileMP3...



- C** EditionType
- C** ConceptType
- C** ConceptExtIdentType
- C** RealisationExtIdentType
- C** EditionExtIdentType
- C** InstanceExtIdentType
- D** ArticleType
- D** AgentType
- D** CompositionType
- D** ConceptExtIdentType

SG Relational Notation

Once Codd's 3NF ("full" Functional Dependency) is understood, the notation is simple to understand. The Functional Dependency is declared thus:

Table[Key] → (Descriptor[Value], ...)

The notation, therefore, is:

Table { + | - } [Key] = (Descriptor[Value], ...)

Where Key is { PK_Value | AK_Name[Value] }

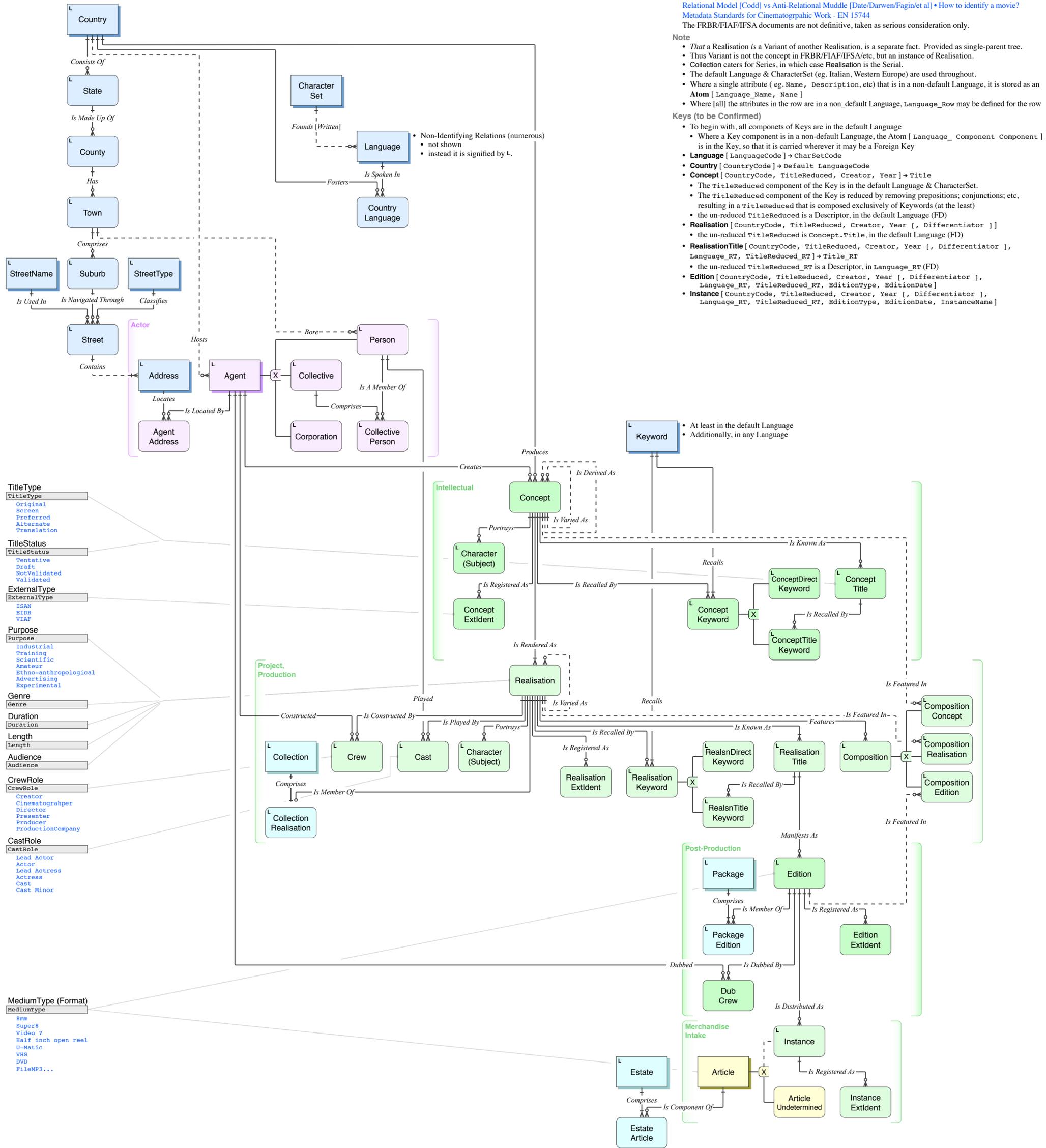
Where the operator is:

- + Insert
- Delete
- = Update

Example:

Person[123456] = Height[183]
 Person[Name[Asirvadem, Derek]] = Weight[90]
 Language[LanguageCode] → CharSetCode

Logical stage, showing tables and relations, equivalent to the theoretical "conceptual model" minus the isolation and limitations.



Scope

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- the un-reduced TitleReduced is Concept.Title, in the default Language (FD)
- RealisationTitle [CountryCode, TitleReduced, Creator, Year [, Differentiator], Language_RT, TitleReduced_RT] → Title_RT
- the un-reduced TitleReduced_RT is a Descriptor, in Language_RT (FD)
- Edition [CountryCode, TitleReduced, Creator, Year [, Differentiator], Language_RT, TitleReduced_RT, EditionType, EditionDate]
- Instance [CountryCode, TitleReduced, Creator, Year [, Differentiator], Language_RT, TitleReduced_RT, EditionType, EditionDate, InstanceName]

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- Additionally, in any Language

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 - Advertising
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- Genre**
- Duration**
 - Duration
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 - Audience
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 - Cinematographer
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 - Presenter
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 - ProductionCompany
- CastRole**
 - Lead Actor
 - Actor
 - Lead Actress
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