

REPRÉSENTATION DES CONNAISSANCES

NICOLA CARBONI

SUBJECT

PREDICATE

OBJECT

Confession of a Woman Raised from the Dead

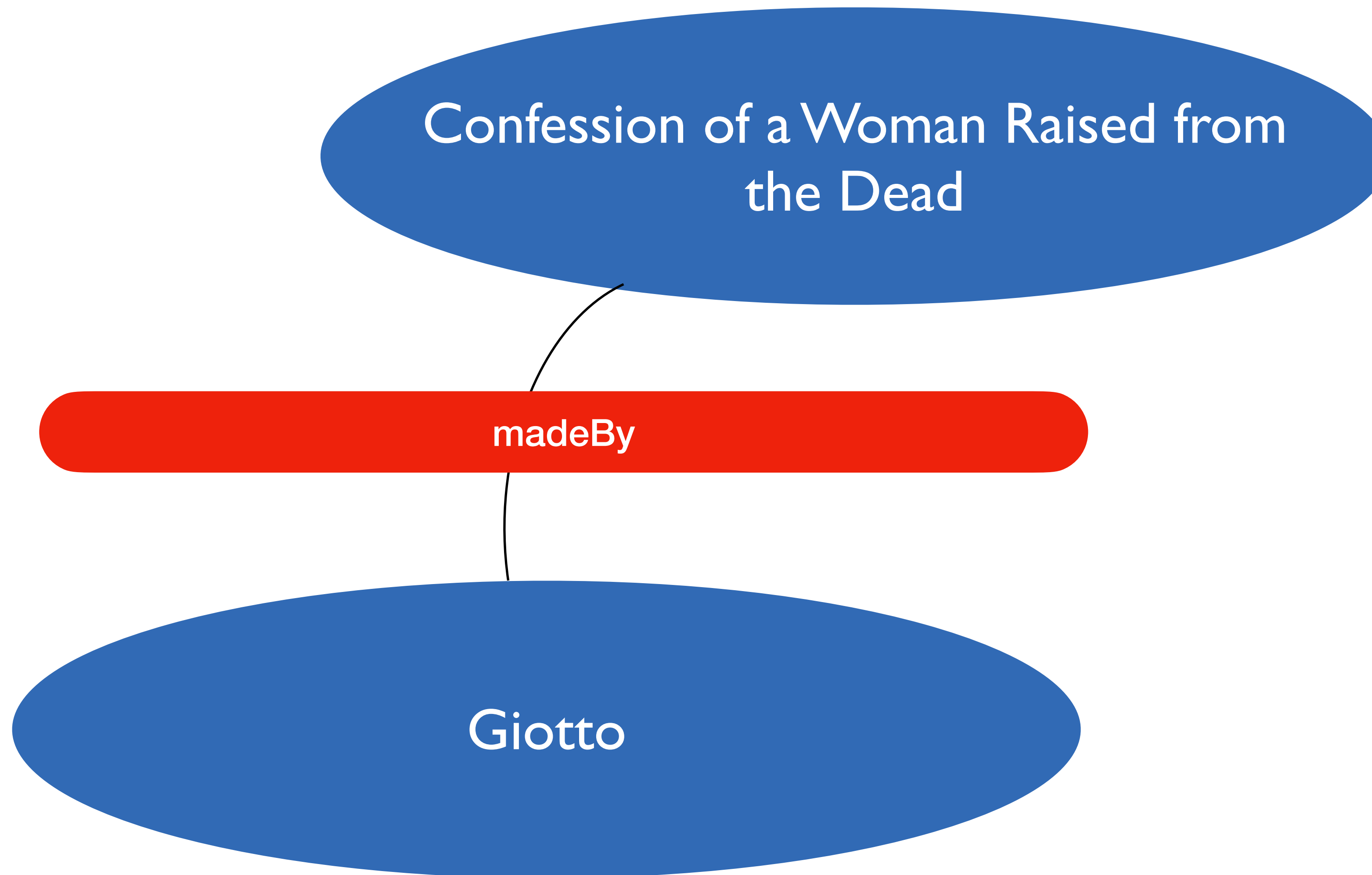
was made by

Giotto

Confession of a Woman Raised from the Dead

illustrates

“Nel borgo di Monte Marano, presso Benevento era morta una donna particolarmente devota di san Francesco....”



Confession of a Woman Raised from the Dead

<http://lod.unige.ch/buonfresco/physical/fd4c5ec2-27c4-4f2b-ae92-8e3e71864867>

<http://lod.unige.ch/buonfresco/madeBy>

madeBy

<http://lod.unige.ch/buonfresco/Q7814>

Giotto

My Drive - Google Drive | Metadati Buon fresco - Google

https://docs.google.com/spreadsheets/d/1ZCp0G8nmztIJB.../

Metadati Buon fresco | File Edit View Insert Format Data Tools Add-ons Help | Last edit was seconds ago

100% | \$ % .0 .00 123 | Default (Ari... | 10 | B I S A

B51 | fx | San Francesco rinuncia ai beni terreni

	A	B	C	D	E	F	G
1	id	Panel ita	Panel eng	detail iconografico	superoggetto iconografico	Reference	Reference A Symb
49		Confessione della donna resuscitata					
50							
51	2d95dc0-a9c0-4c31-8e0a-da434b40773d	San Francesco rinuncia ai beni terreni	Renunciation of Worldly Goods	window sill	domestic interior	Quale Francesco	Frugoni
52	9631c7-2532-46e8-a05d-f94e6fc1ecdb	Morte di san Francesco	Death and Ascension of Saint Francis	finger pointing the stigm	chiodi di carne	Quale Francesco	Frugoni
53	097e3176-bf56-4a75-b93b-38510141f413	Natale di Greccio	Institution of the Crib at Greccio	mouth wide open	shaved friar singing	Quale Francesco	Frugoni
54	d59a985e-ebad-4560-a694-a210550b5cd8	Natale di Greccio	Institution of the Crib at Greccio	mouth open	shaved friar singing	Quale Francesco	Frugoni
55	08065e65-d846-4711-bdc7-4d73d637fc33	Morte di san Francesco	Death and Ascension of Saint Francis	mouth contemplating	shaved friar contemplating	Quale Francesco	Frugoni
56	d01163f8-94f1-4e4e-a1da-a0eed75e51b0	Morte di san Francesco	Death and Ascension of Saint Francis	mouth mourning	shaved friar mourning St Fr	Quale Francesco	Frugoni
57	b4335e30-0741-4187-acdb-7e5e369b5ea7	San Francesco davanti al Sultano	Saint Francis before the Sultan	wing	mountain	Quale Francesco	Frugoni

position

Metadati | metadati-work | panels | testo | Cosa | Explore

Position:

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Scheuchzer, 23.9.1705</title>
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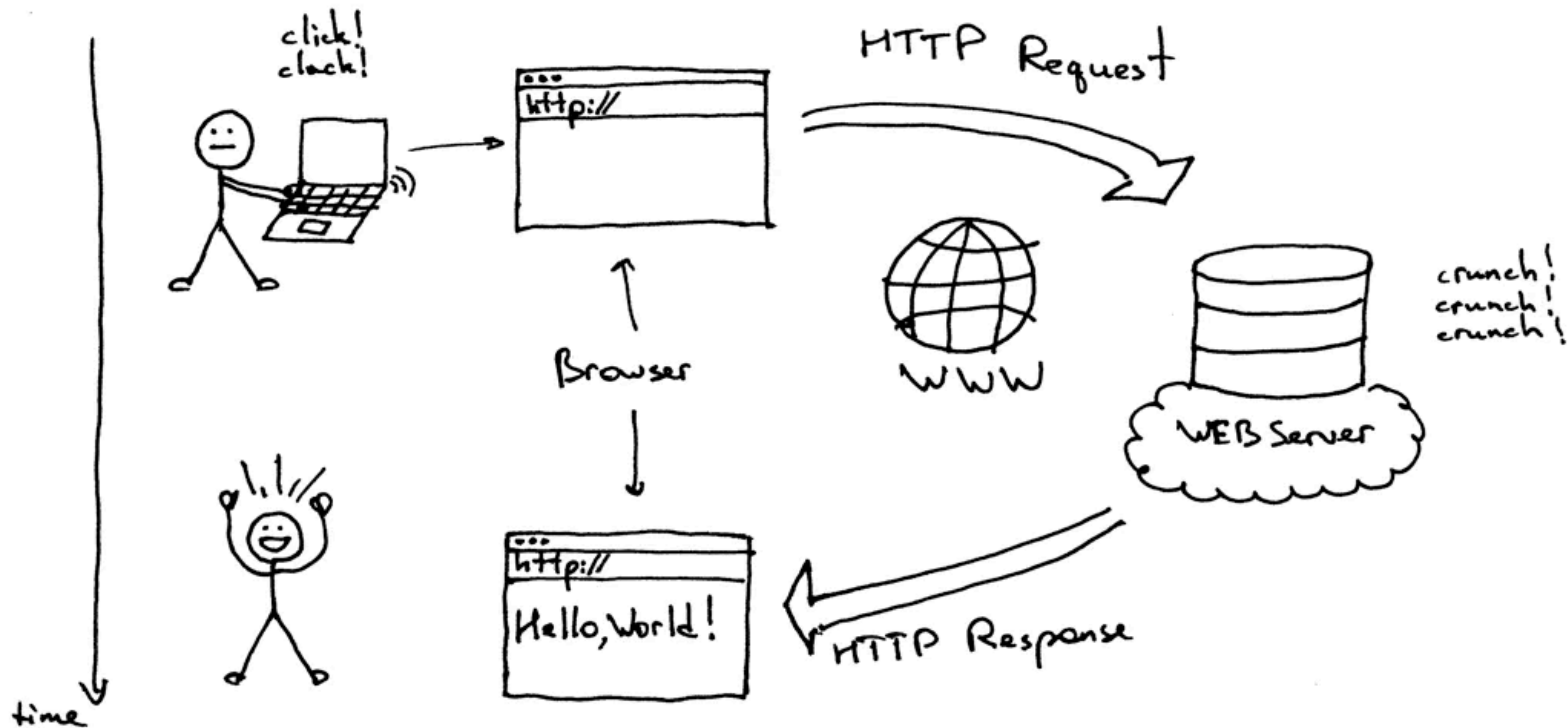


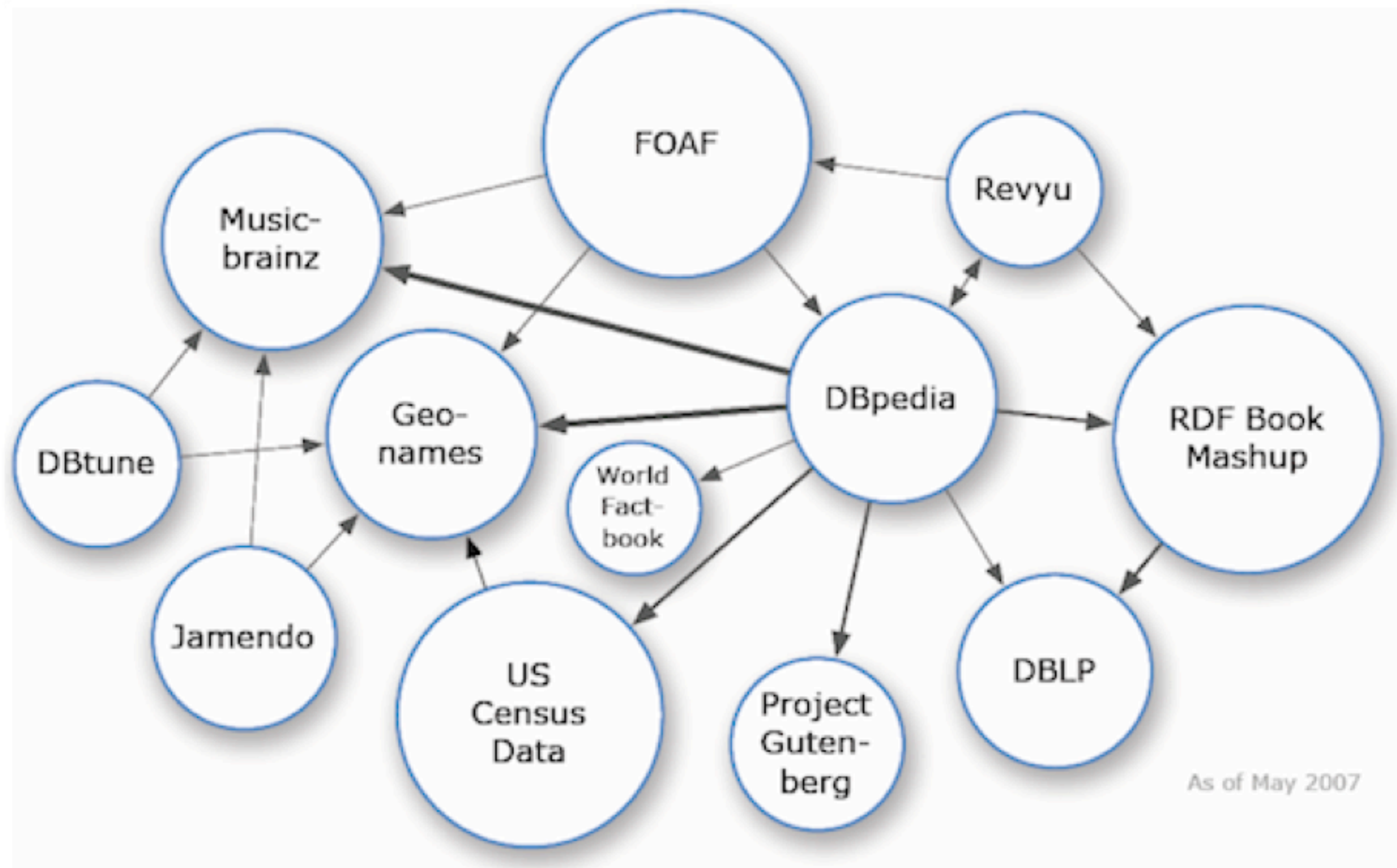
URI / IRI

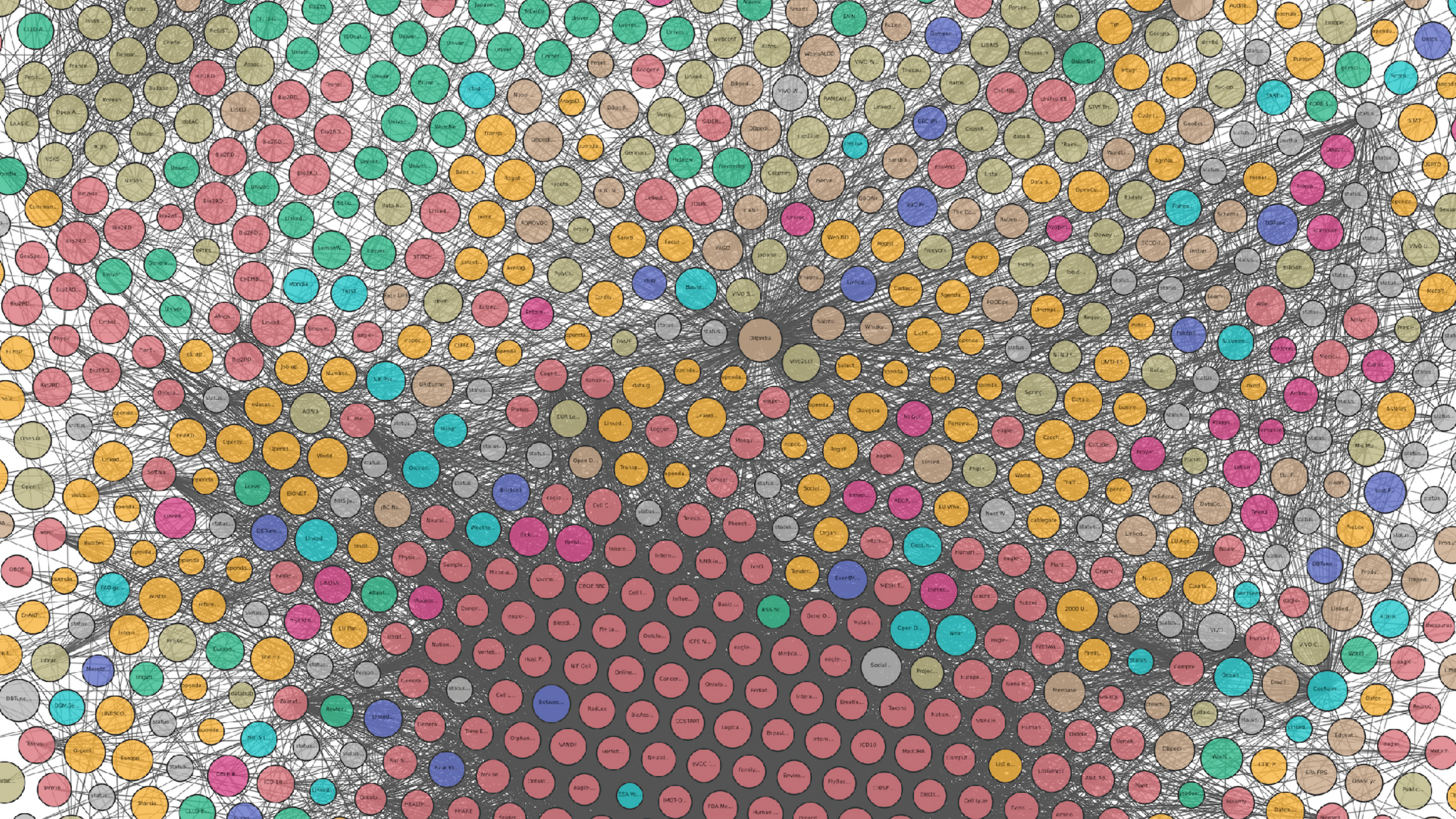
072e7d70-8403-46d3-b116-1901b07c67a0	Saluto di santa Chiara e delle sue compagne a San Francesco	Giotto?
0ab06522-d46f-4319-847c-8c58564bccd4	Canonizzazione di san Francesco	Giotto?
bb0a836c-a444-4981-817c-fb25bec8bb84	San Francesco appare a Gregorio IX	Giotto?
12f83e89-a78c-4eb4-b76b-3f9fb71d823f	Guarigione dell'uomo di Lleida	Giotto?
ff9961b3-7670-48c6-967d-e756d697565f	Confessione della donna resuscitata	Giotto?
6306dbdc-27de-4ecb-82d8-be9783138ad8	San Francesco libera l'eretico Pietro di Alife	Giotto?

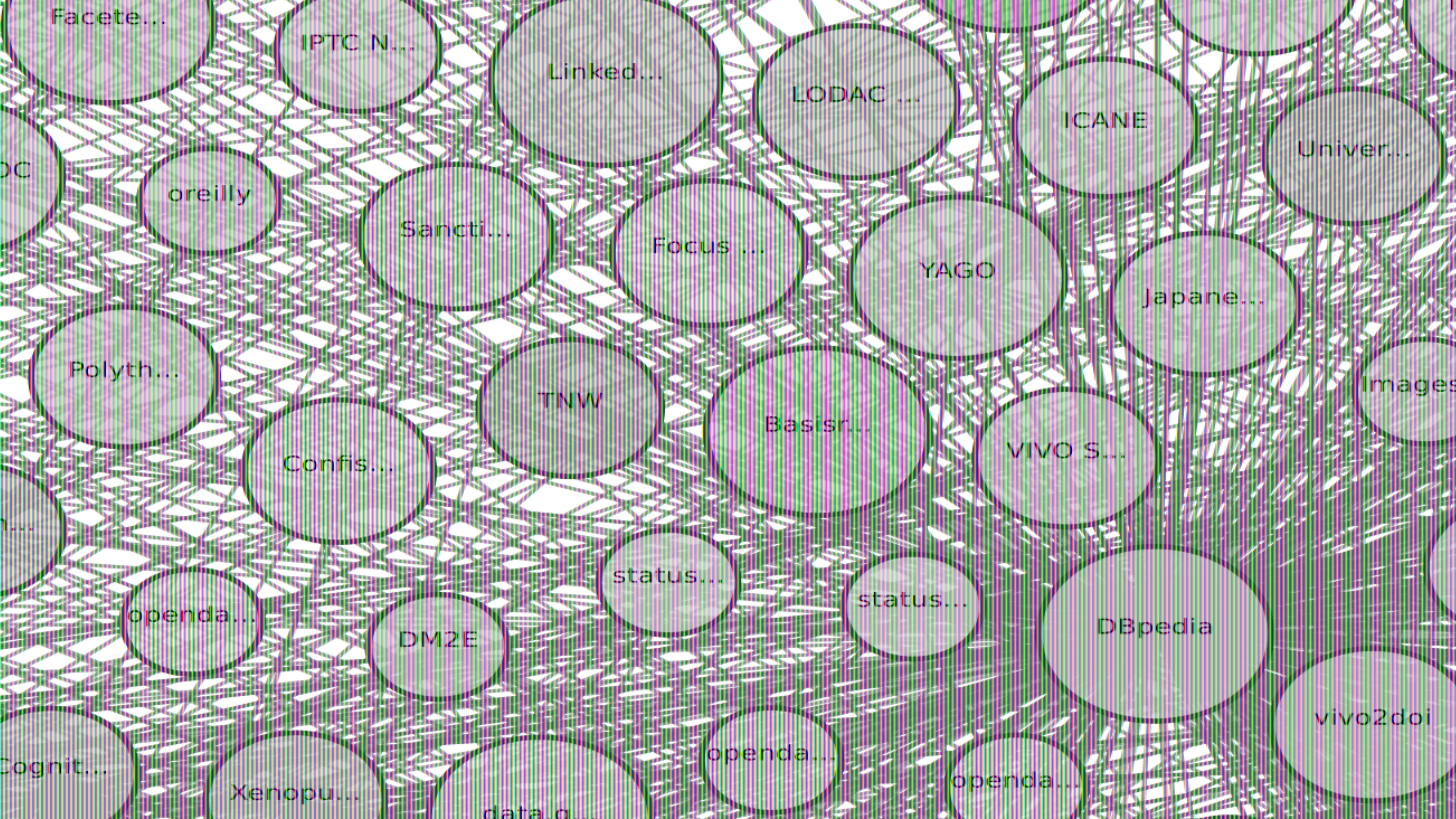
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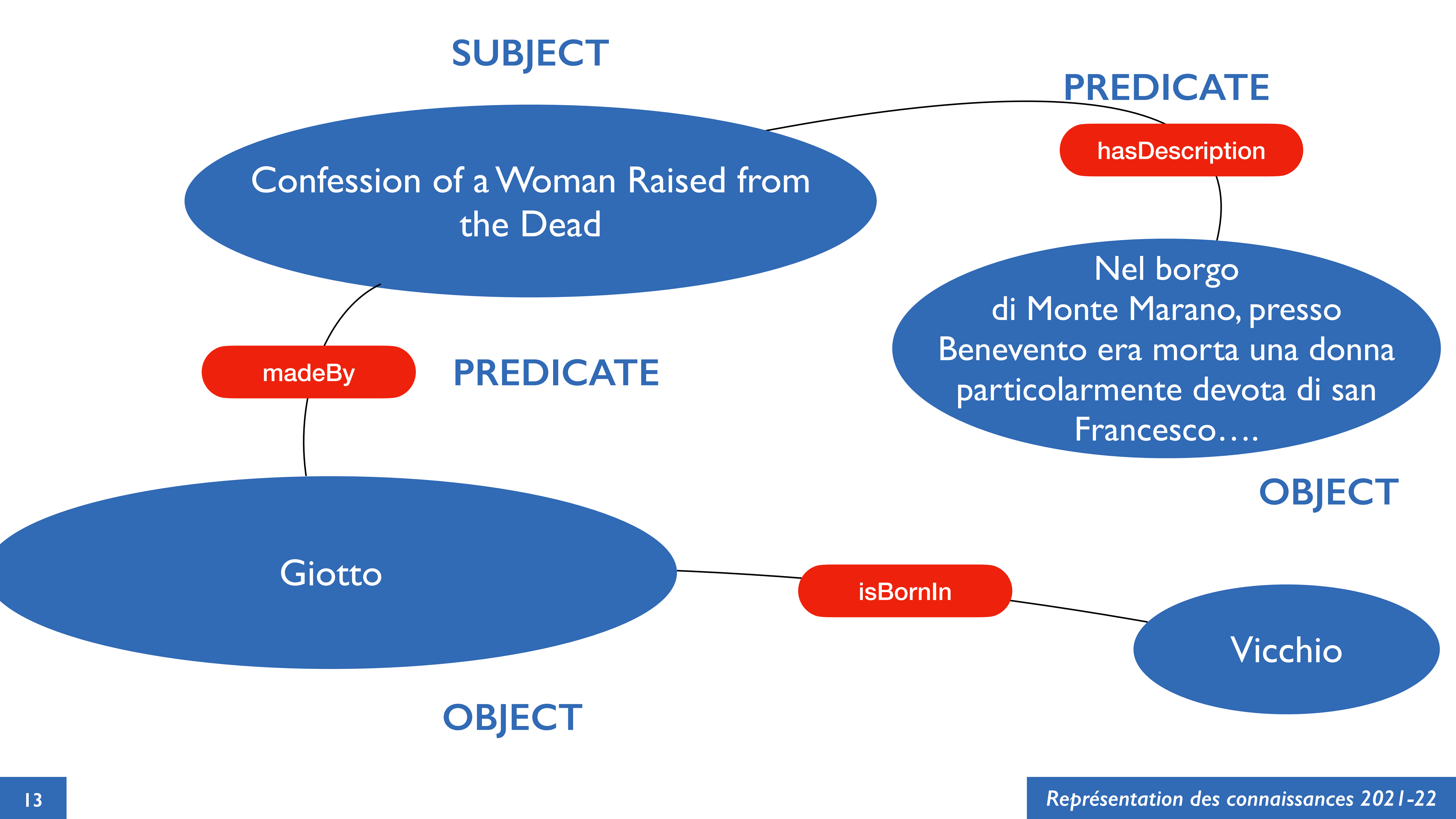
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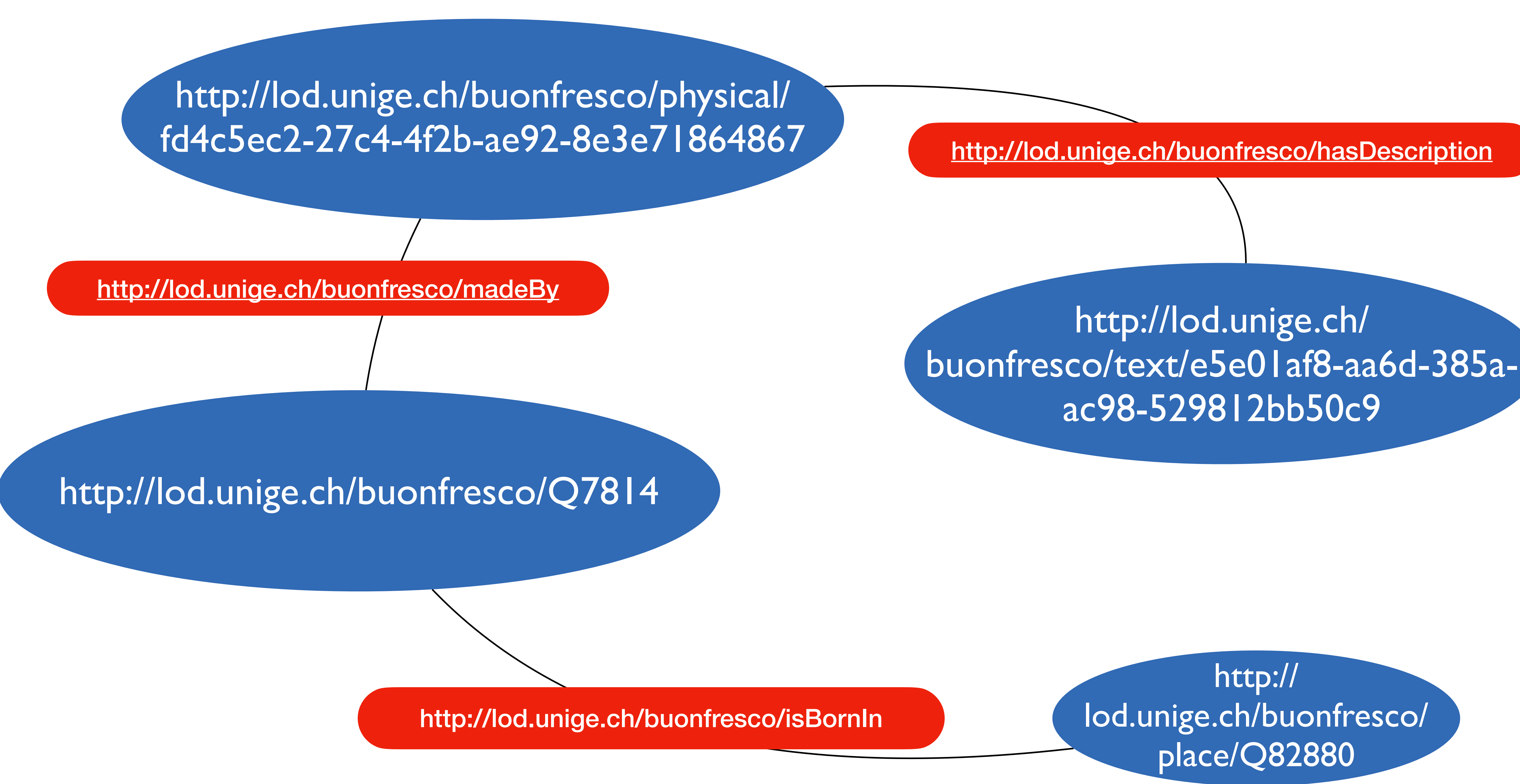


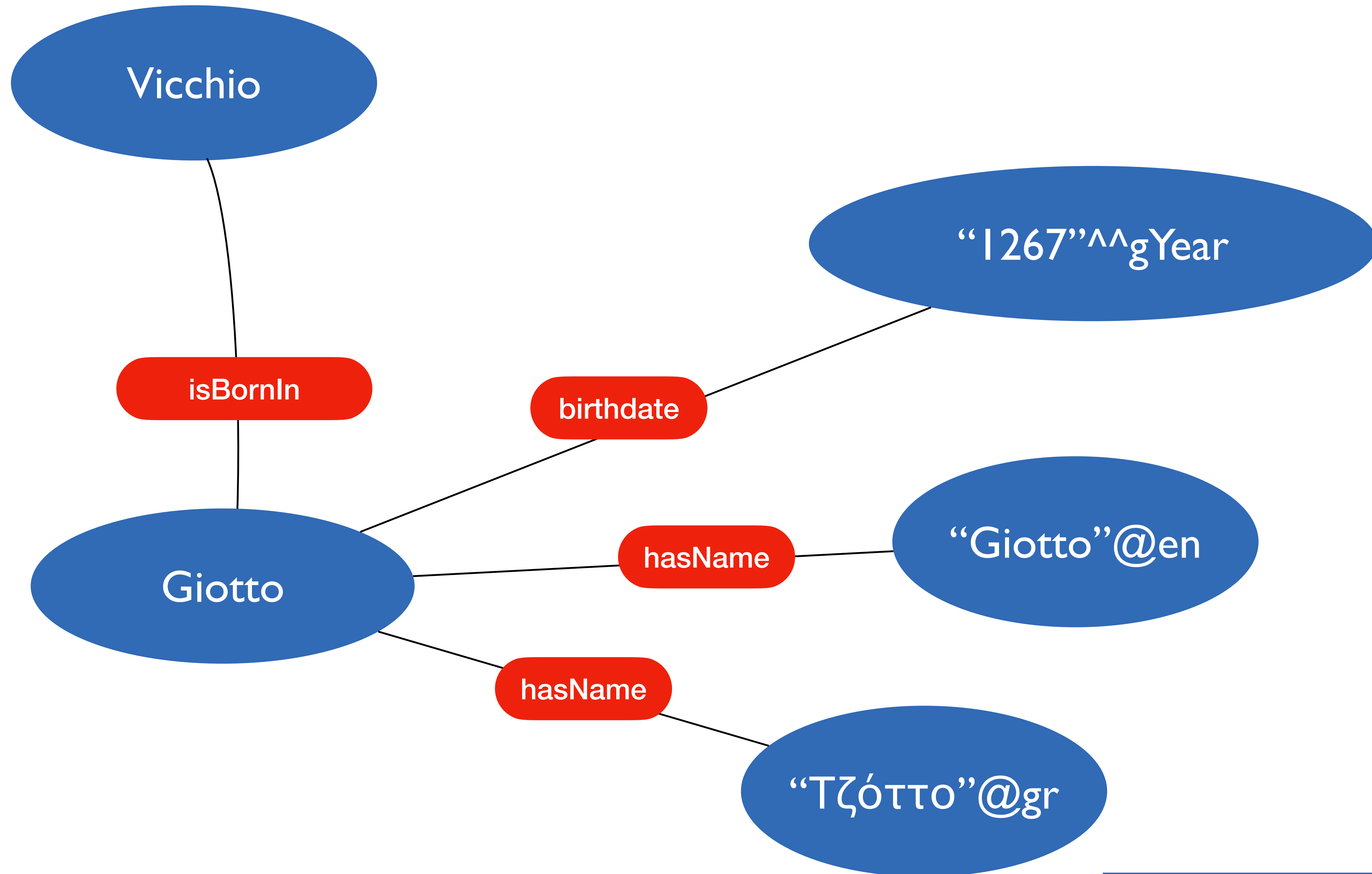


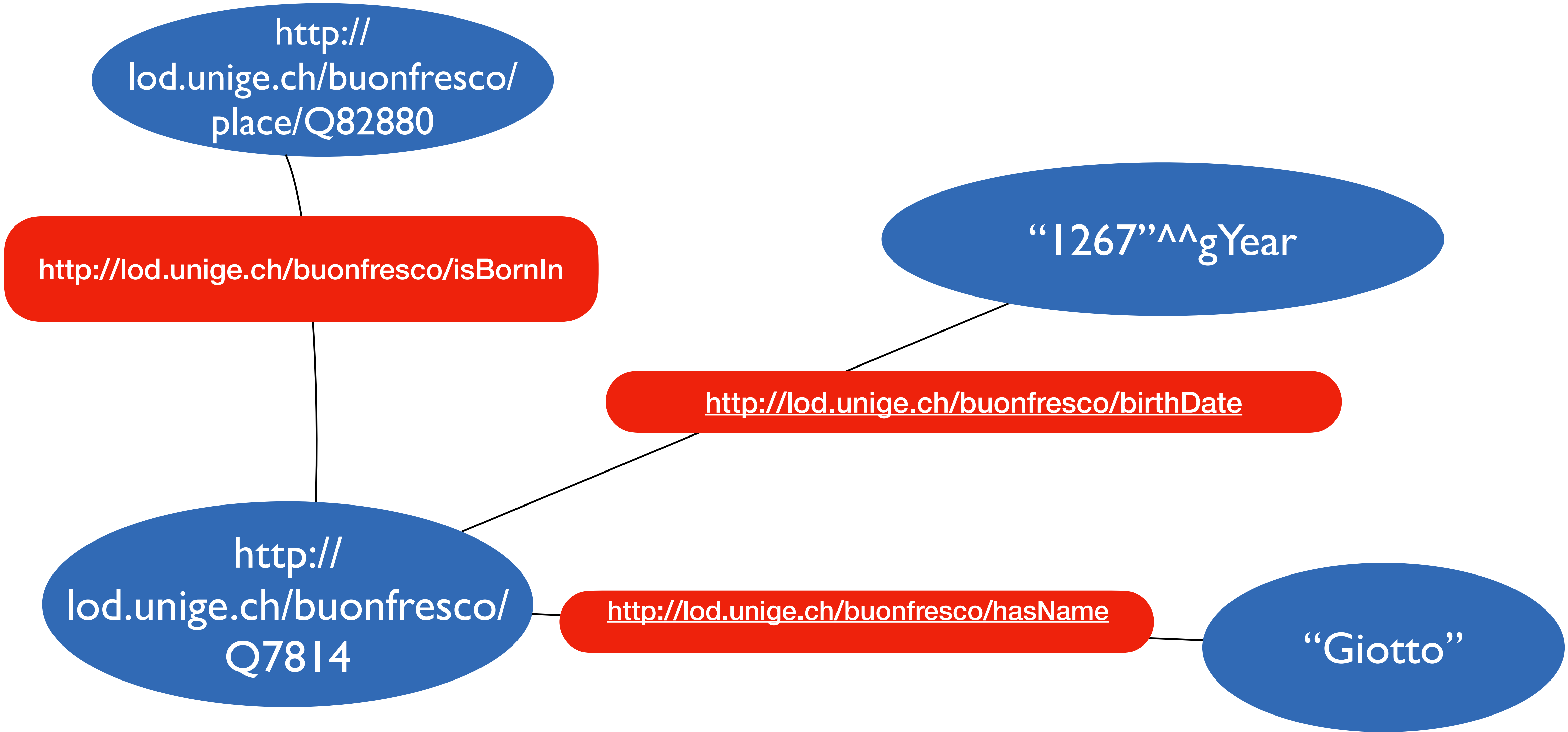












“Literal”

Literal

“1267”

Literal

“1267”^gYear

xsd Gregorian year

“1267-01-01T00:00:00”
^{xsd}:dateTime

xsd date

SUBJECT

Confession of a Woman
Raised from the Dead

madeBy

PREDICATE

Giotto

SUBJECT

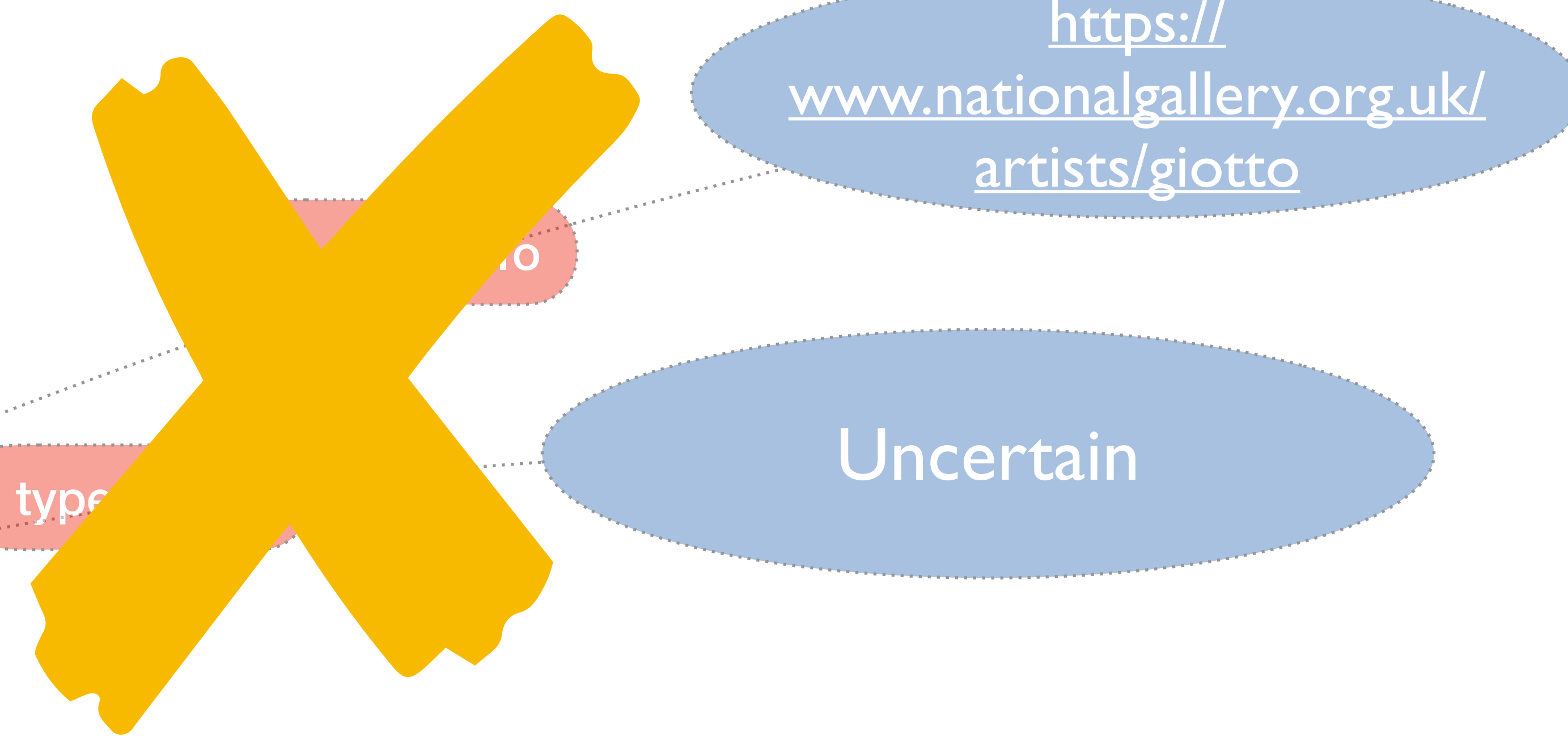
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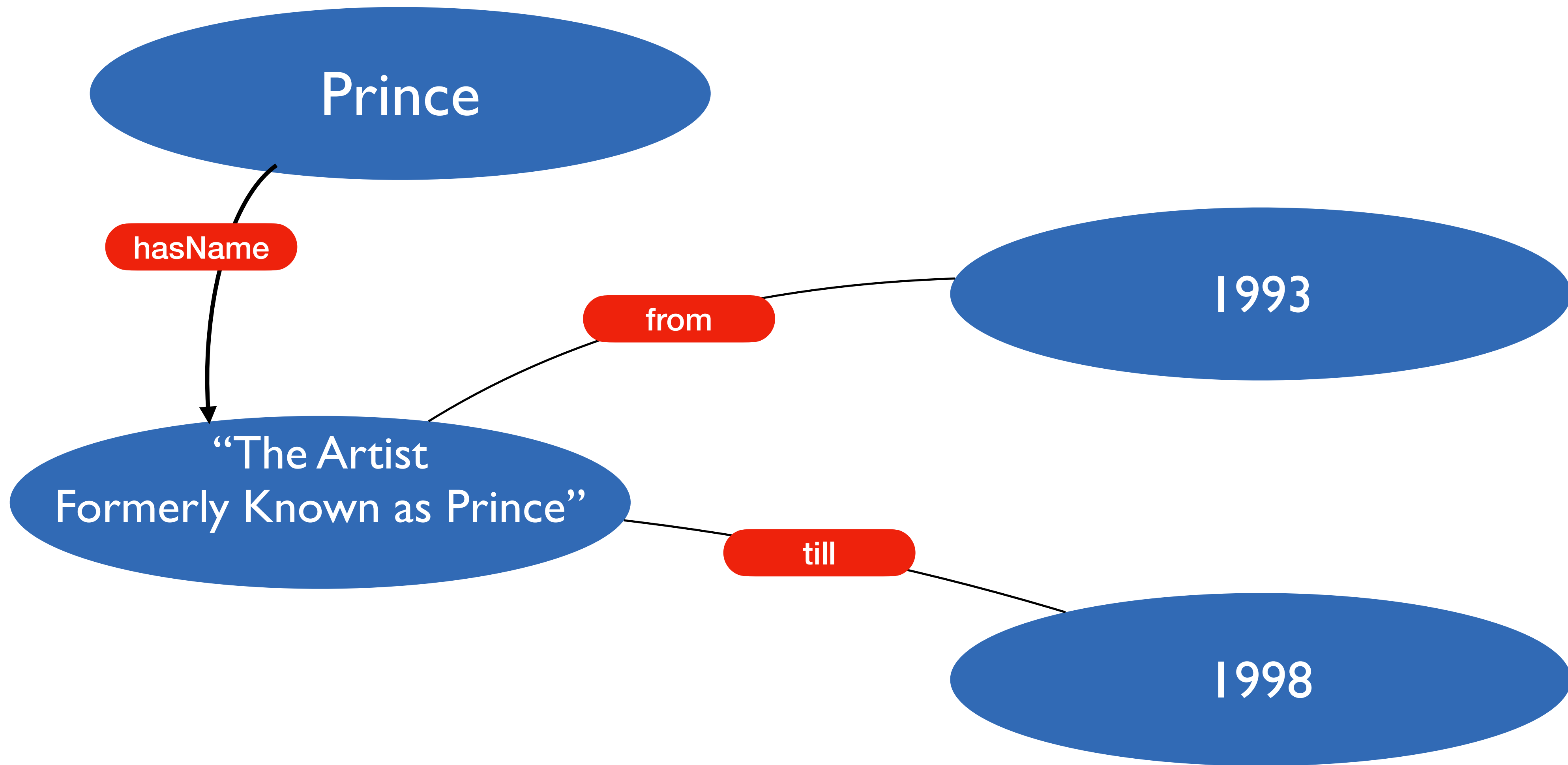
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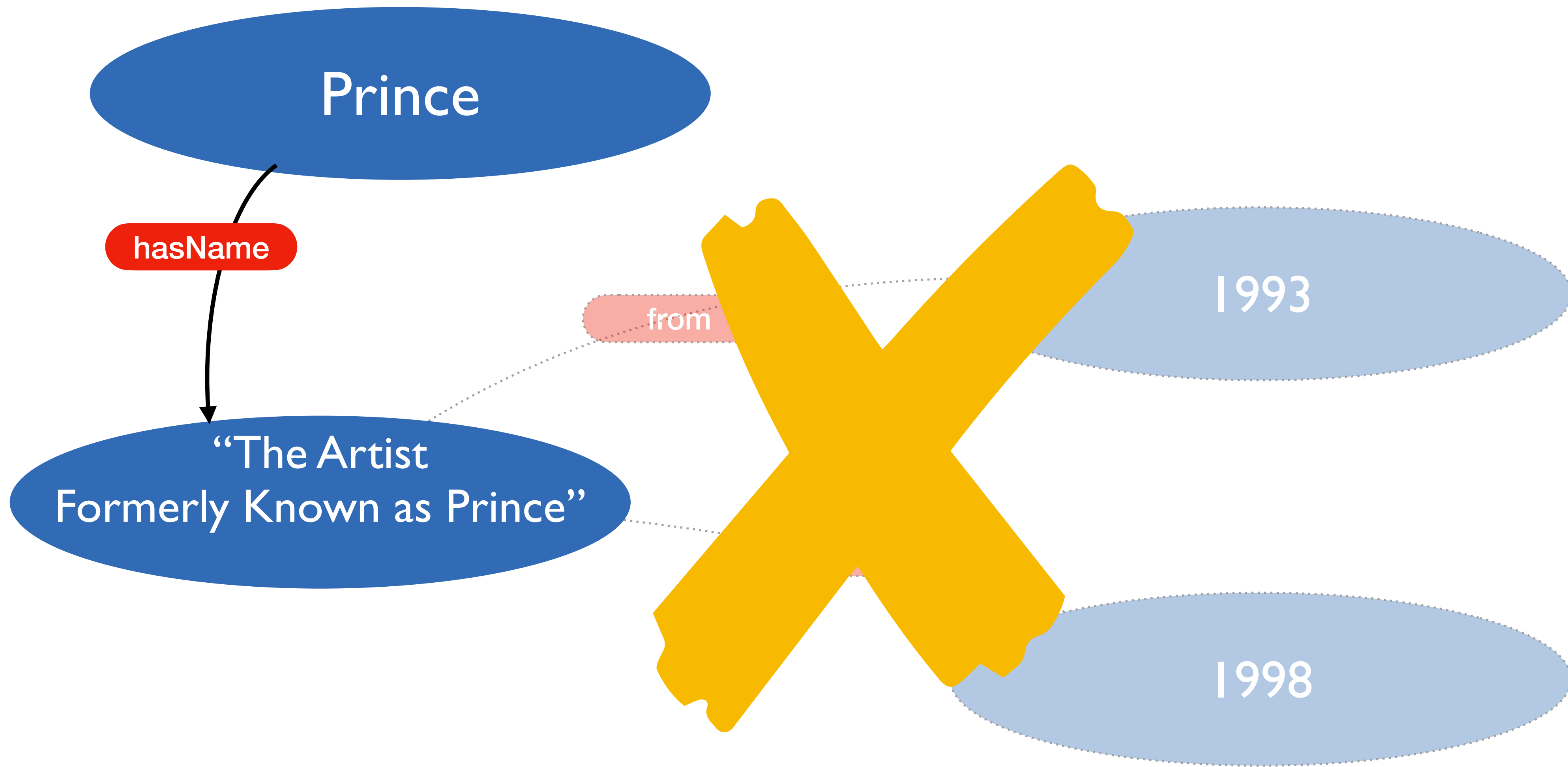
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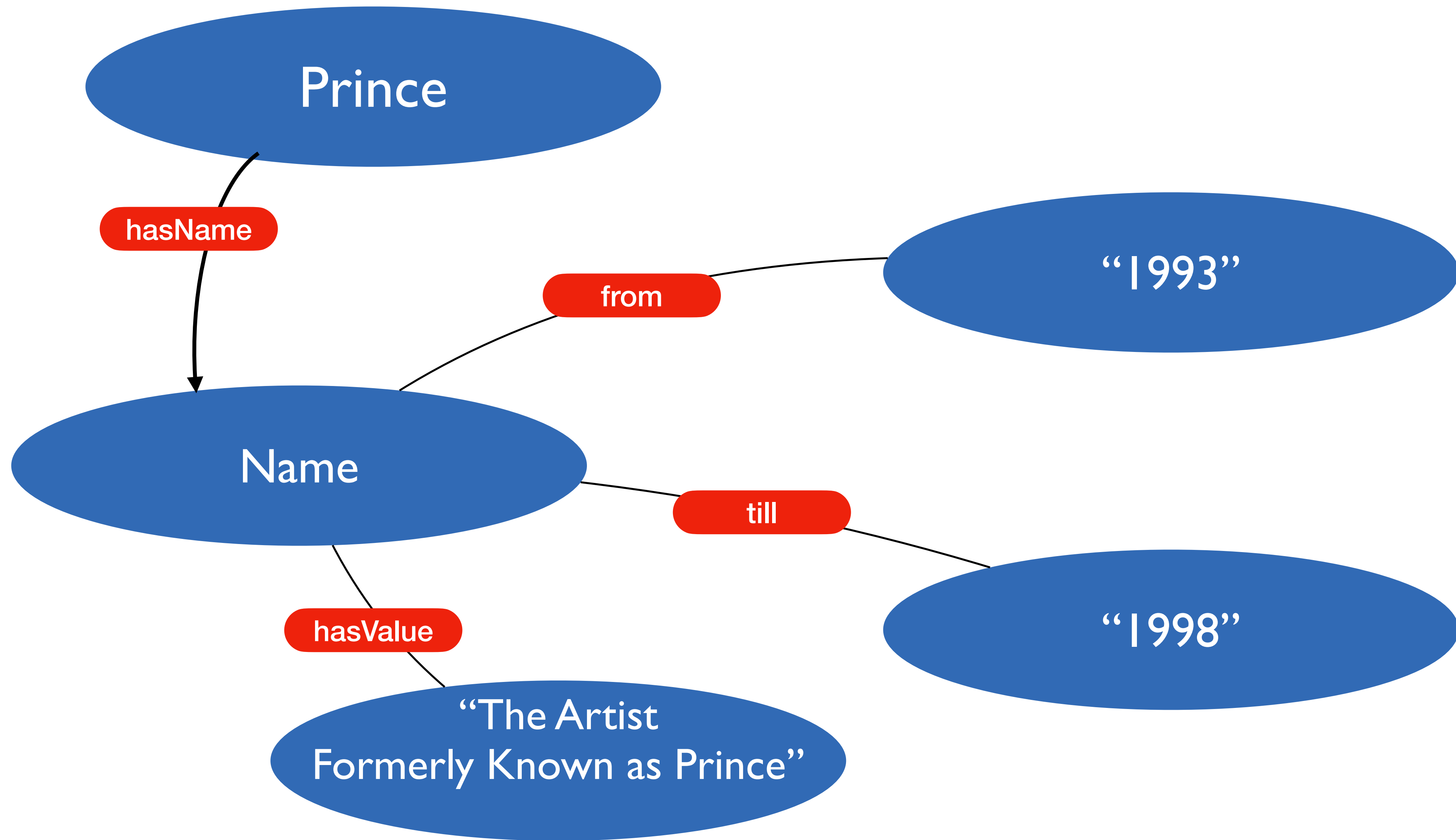
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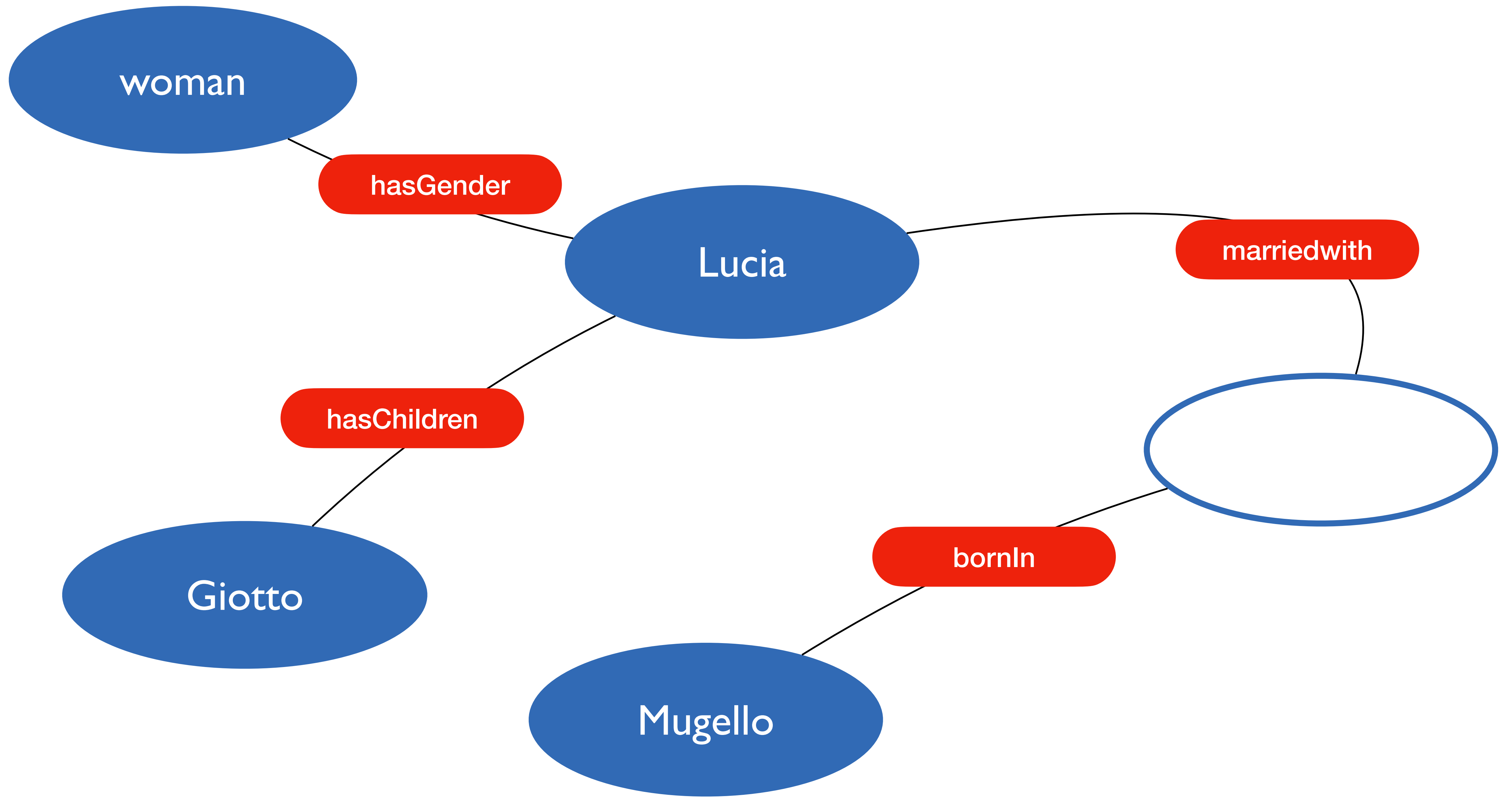
OBJECT







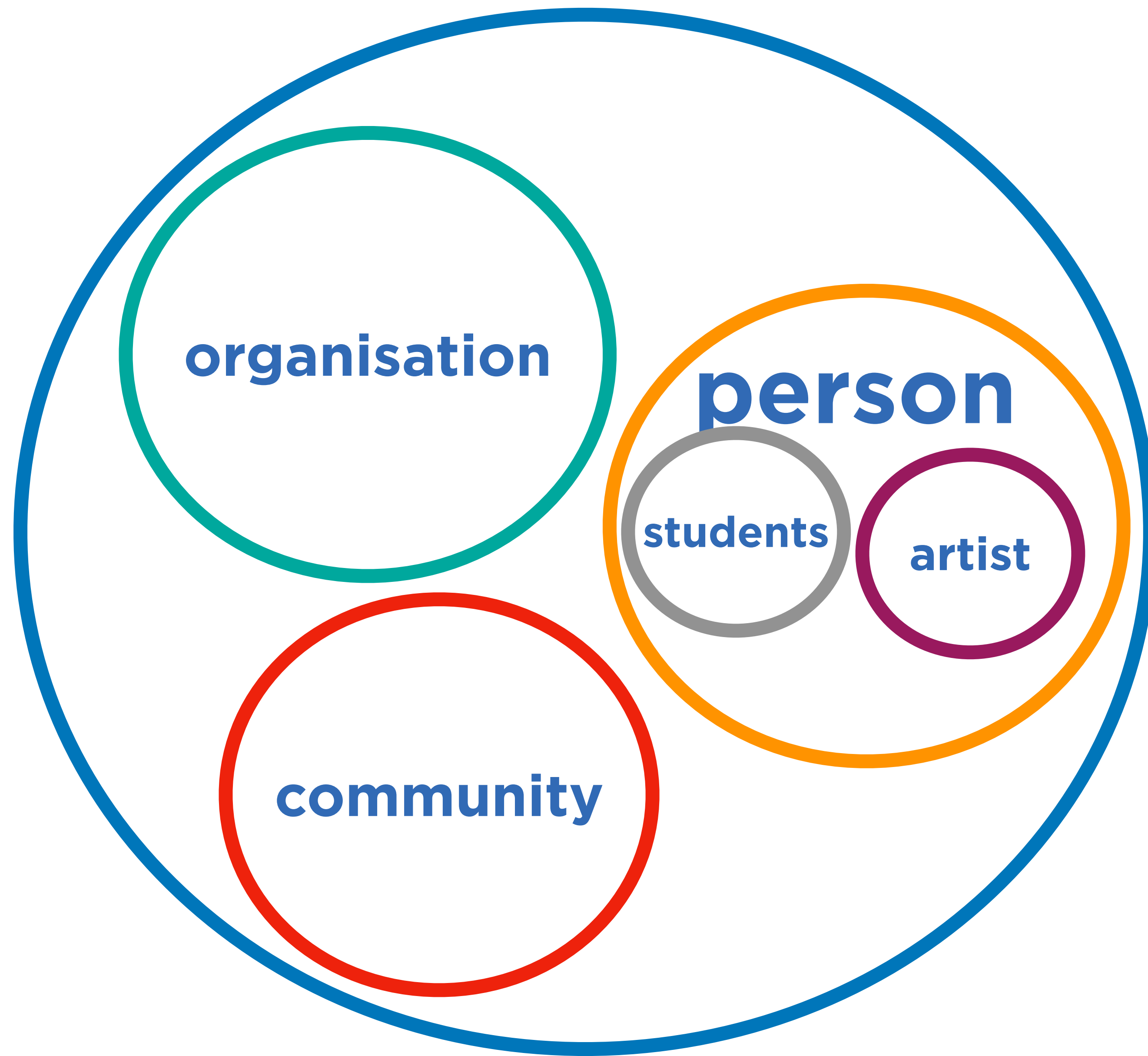


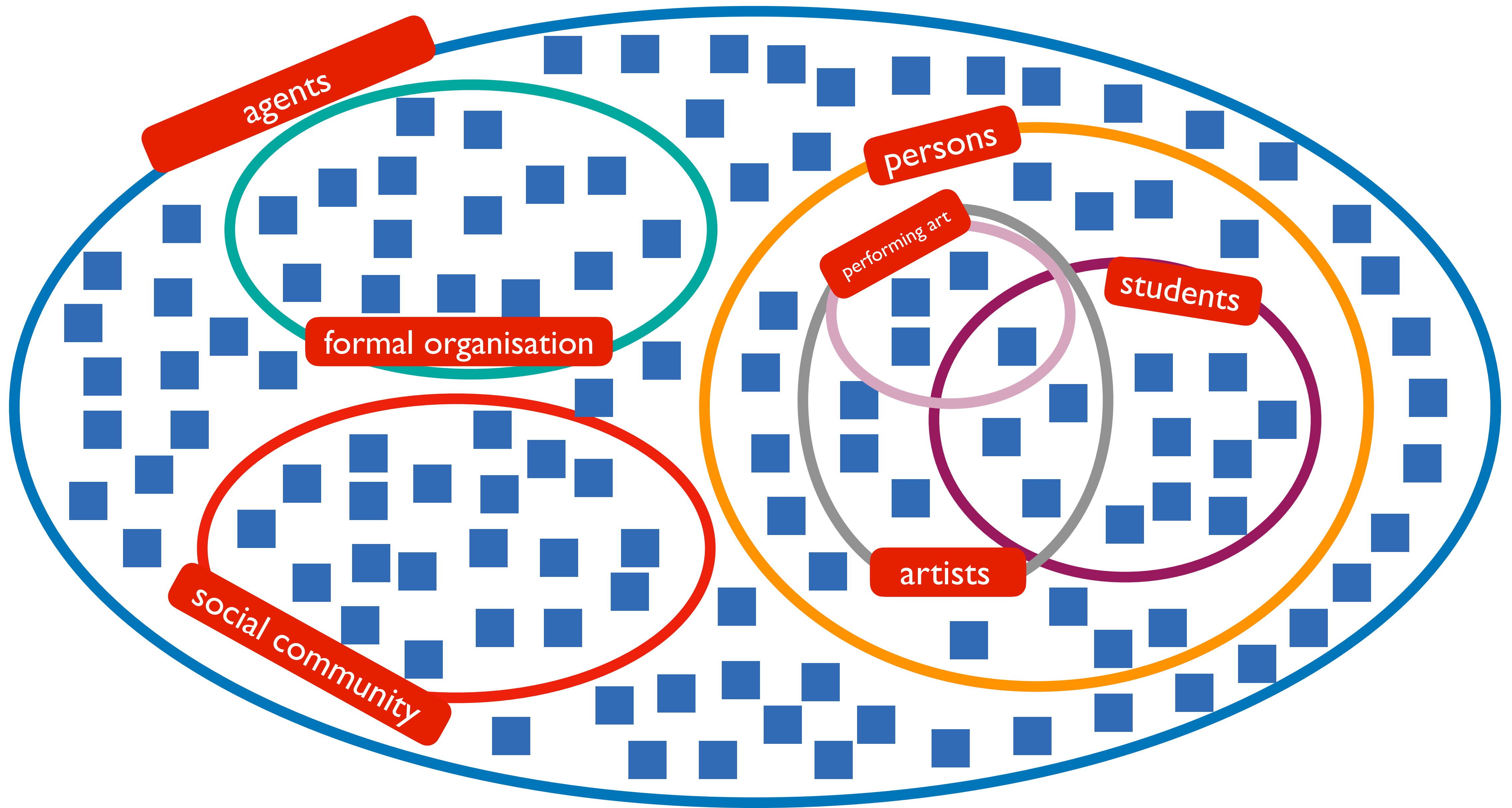


RDFS

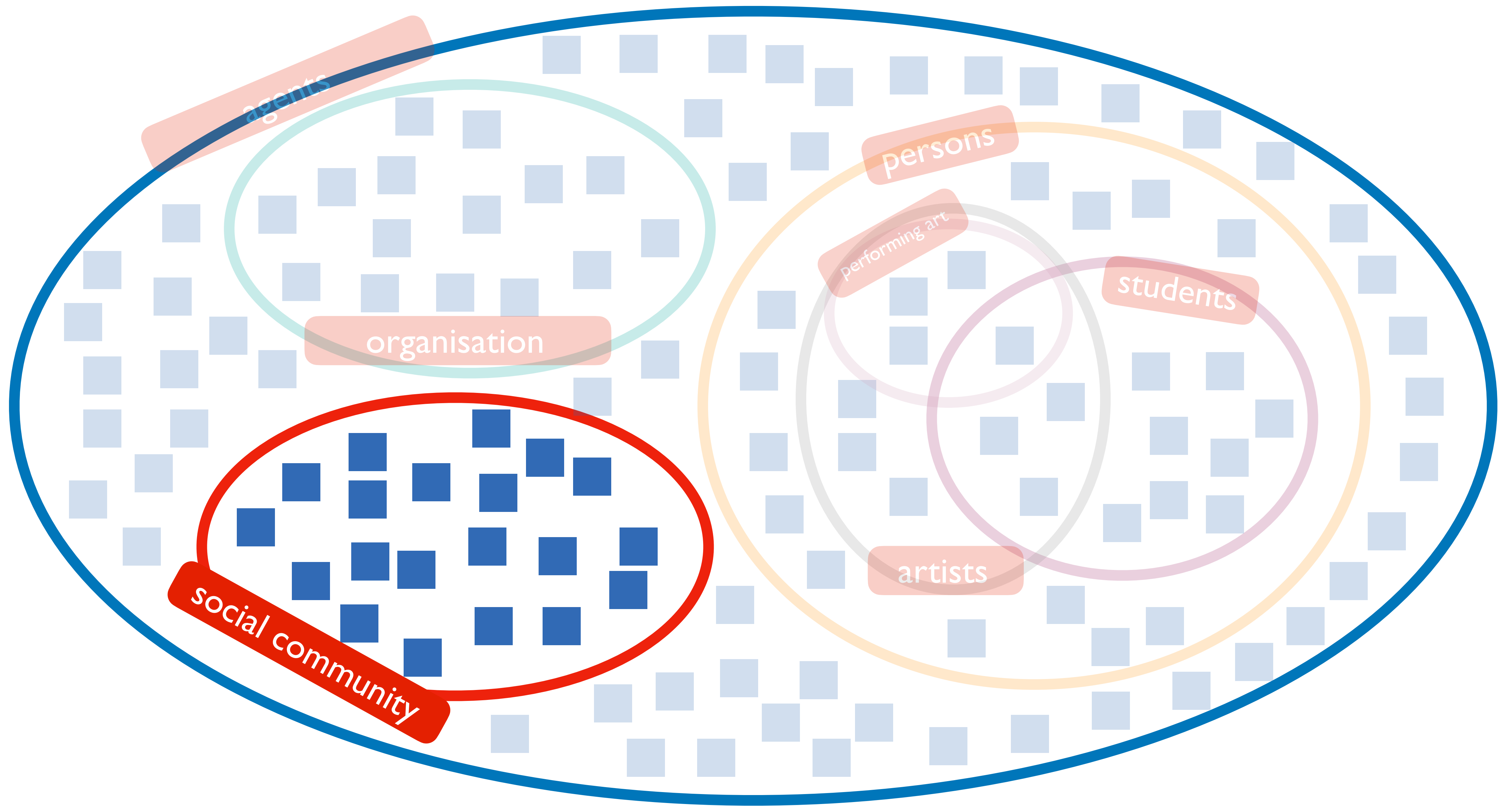
- **Classes**
- **Subclasses**
- Subproperty
- label
- range / domain

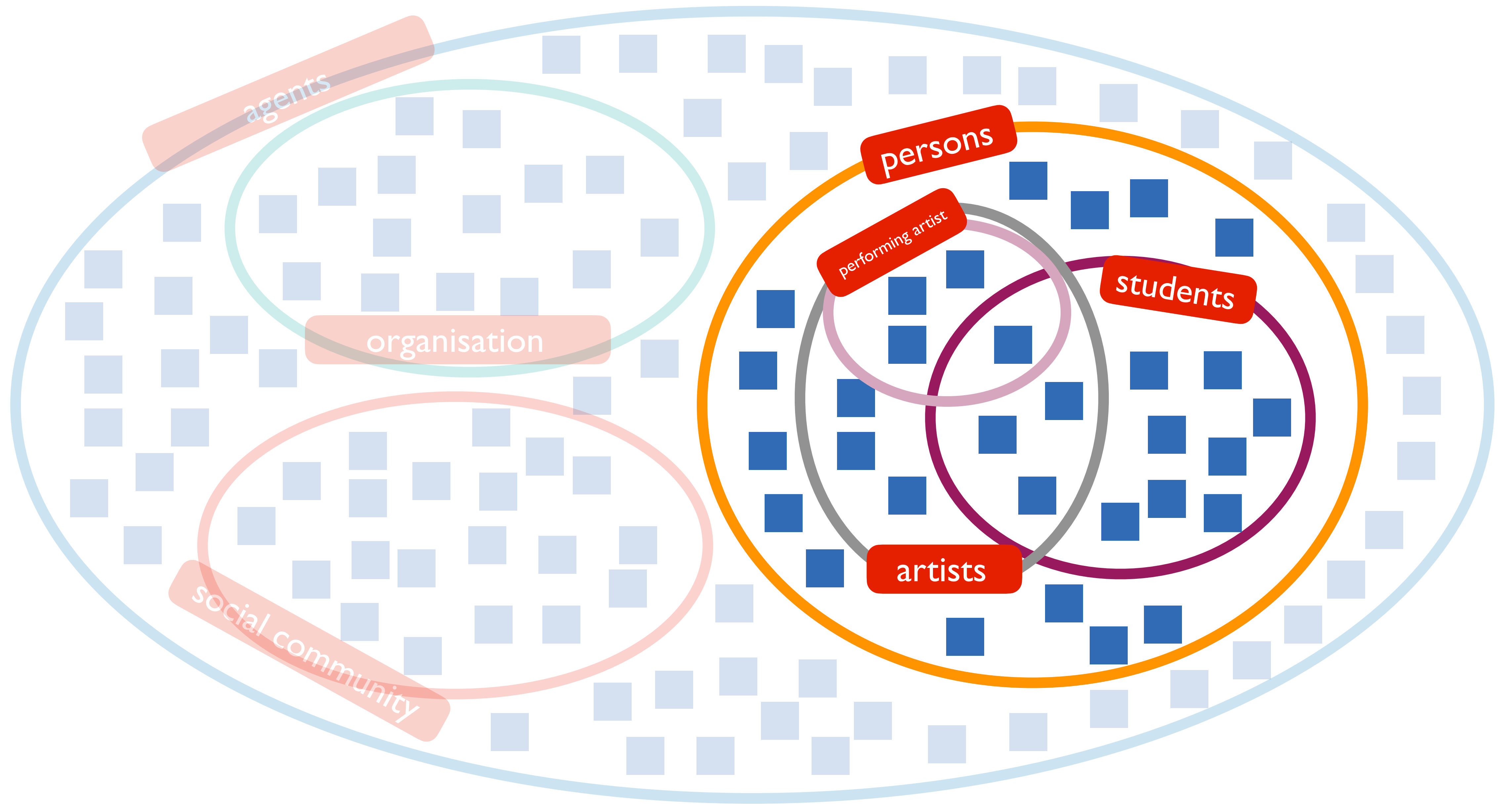
Agents

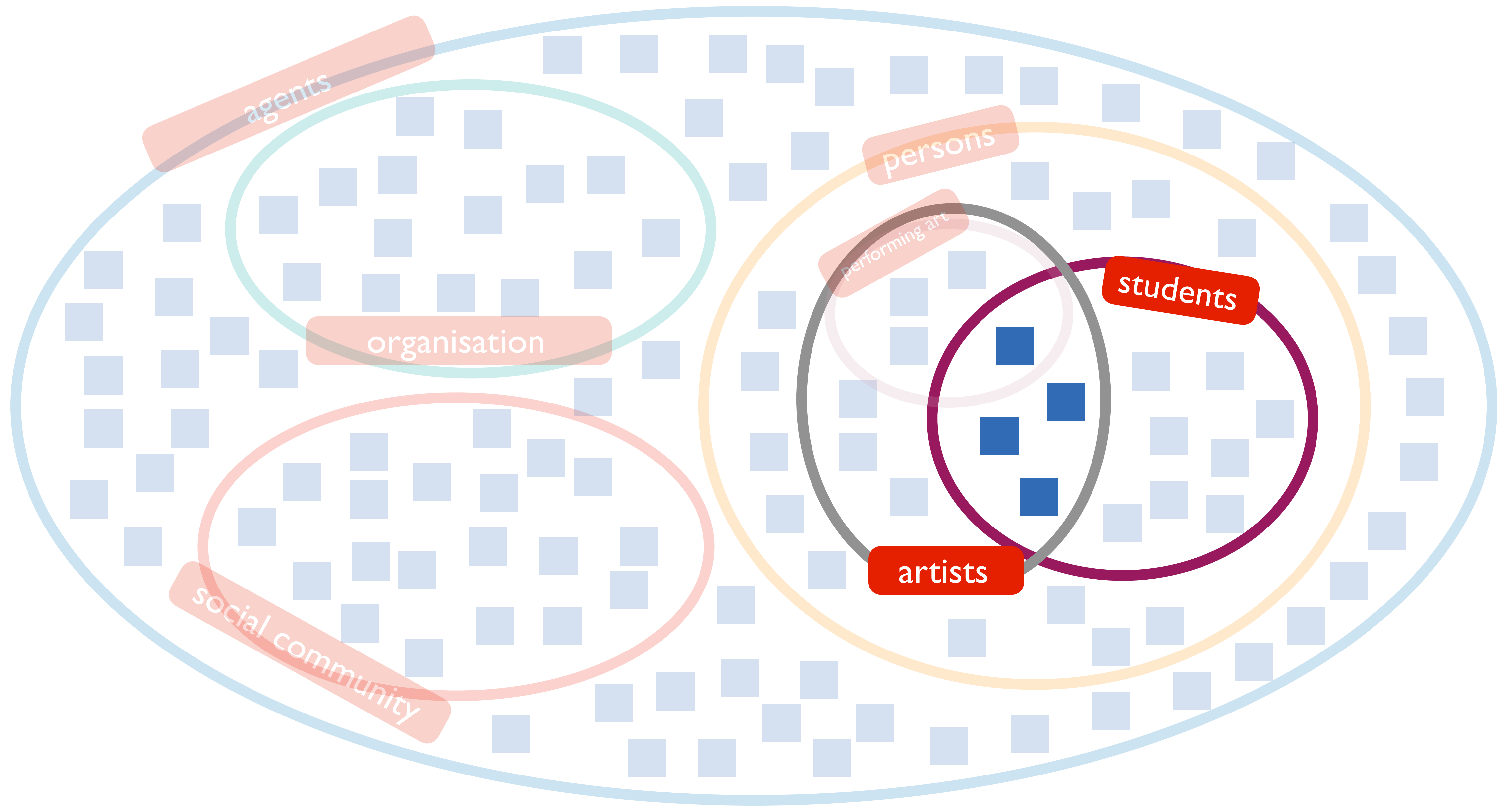


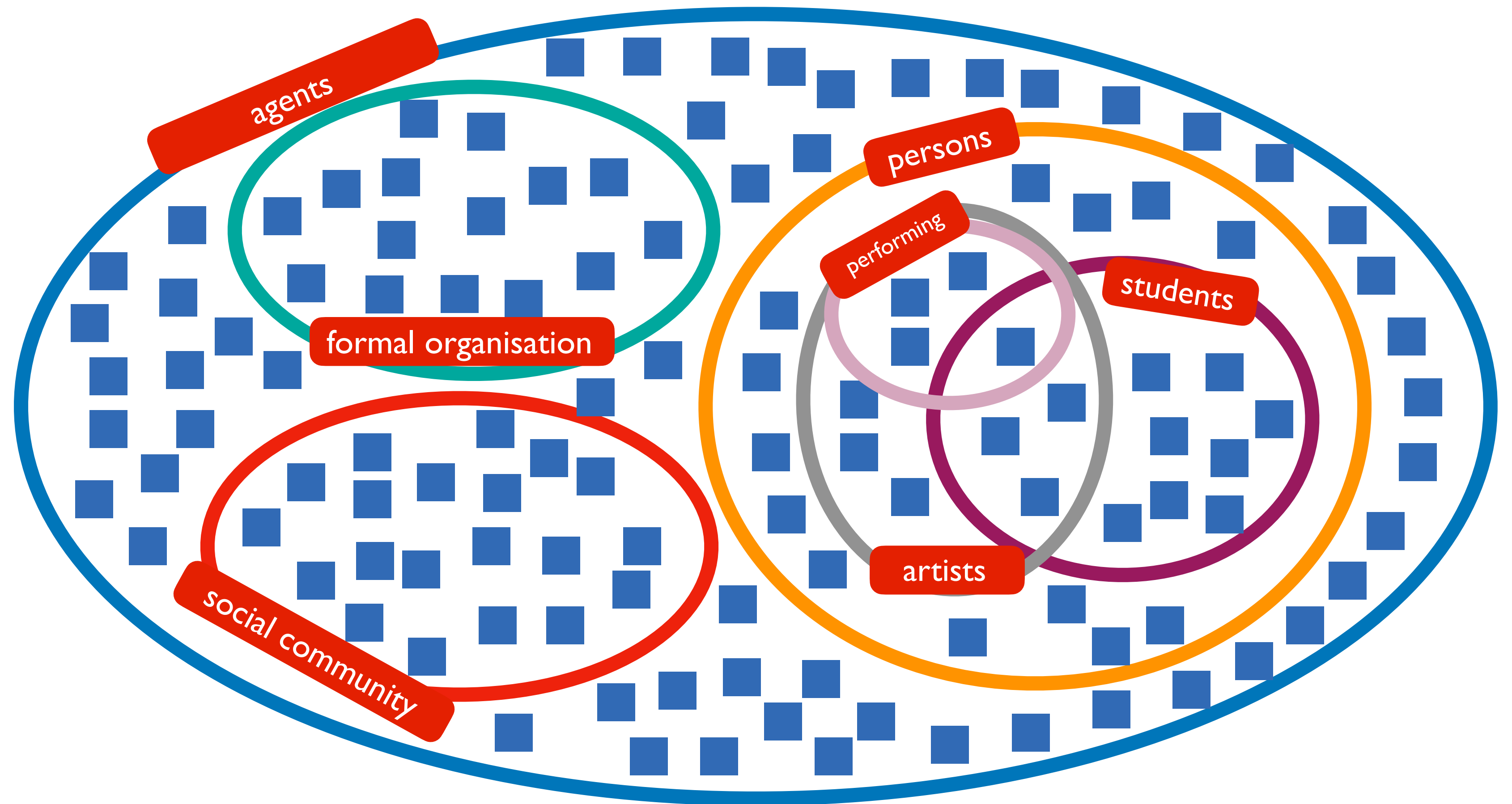


■ element / individus









person \sqsubseteq agents

social community \sqsubseteq agents

organisation \sqsubseteq agents

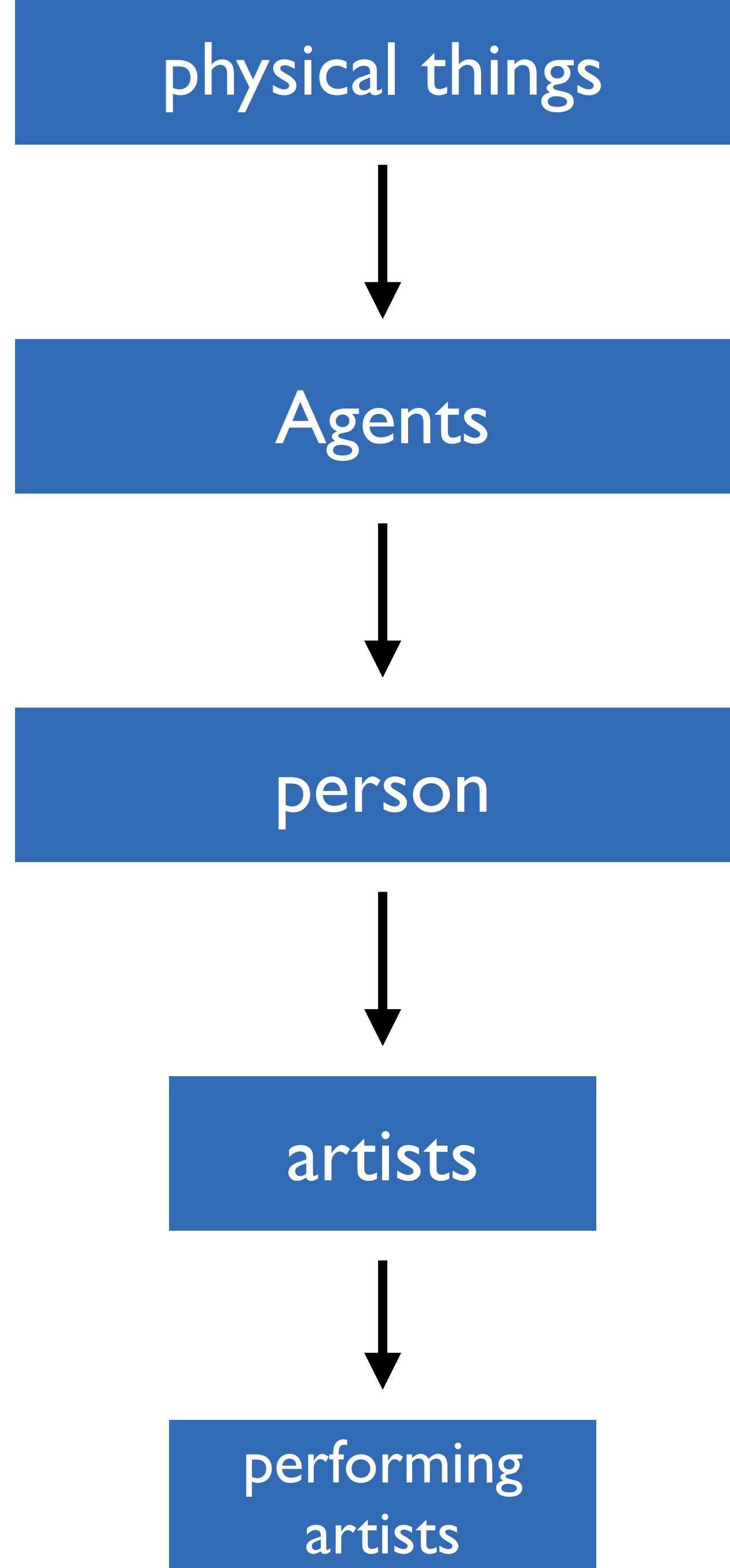
artists \sqsubseteq person

students \sqsubseteq person

student artists \equiv (students \cap artists)

Agents





physical things



Agents



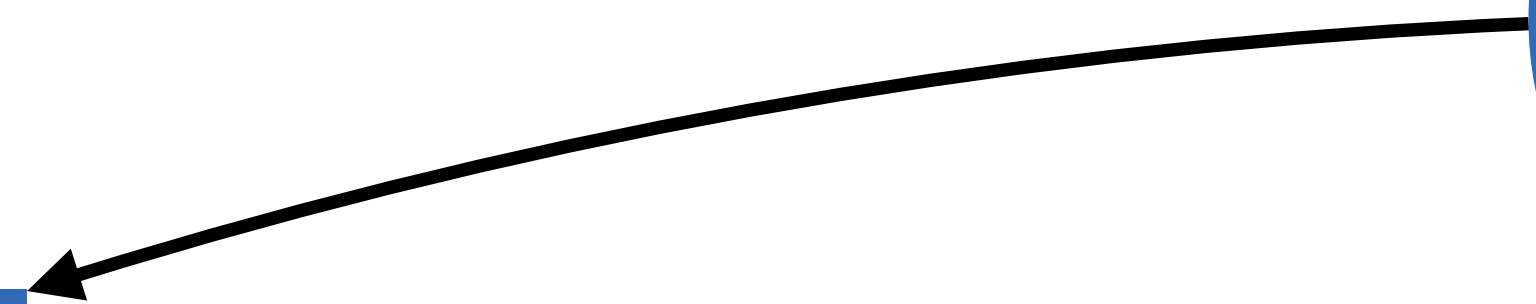
person

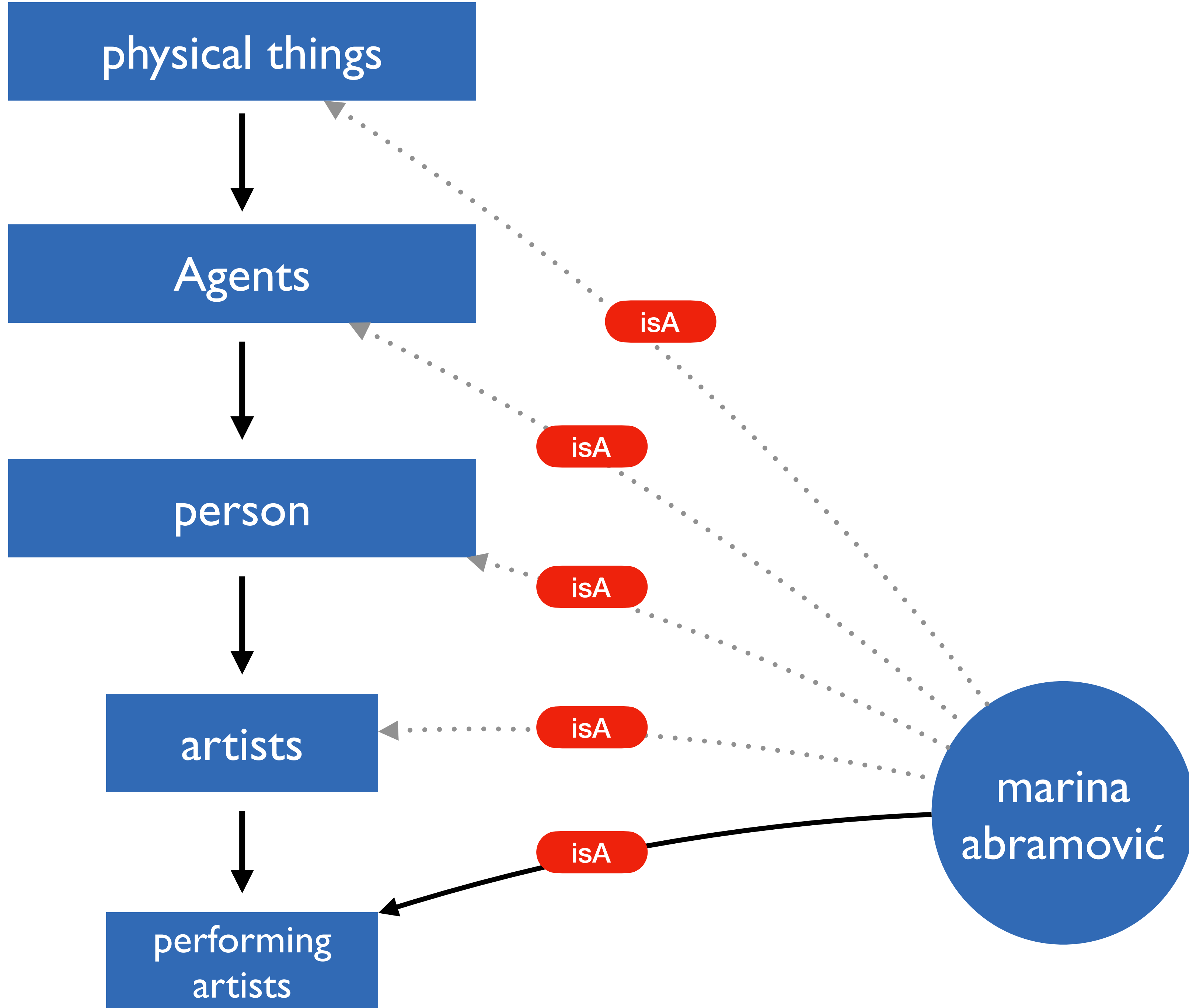


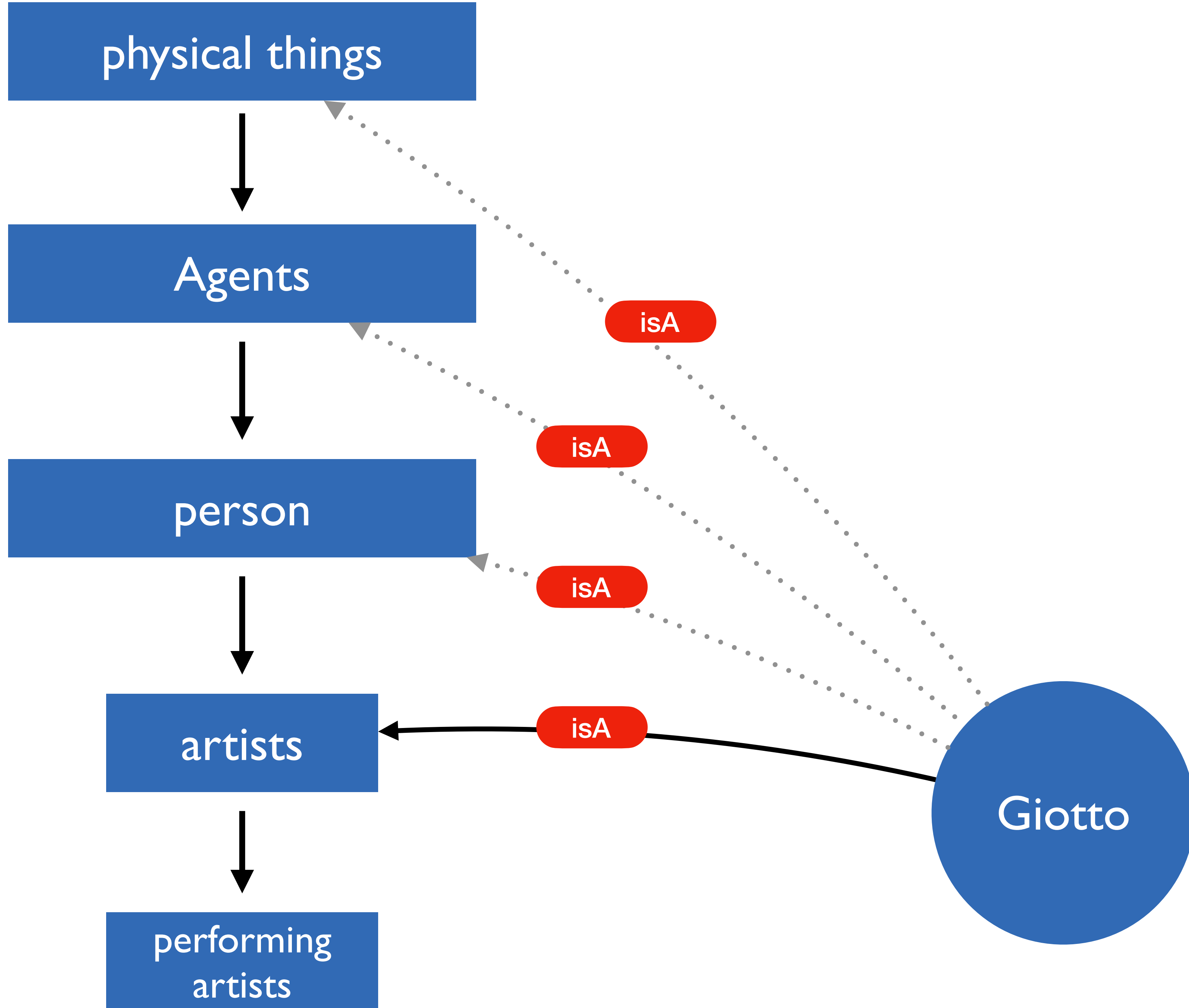
artists

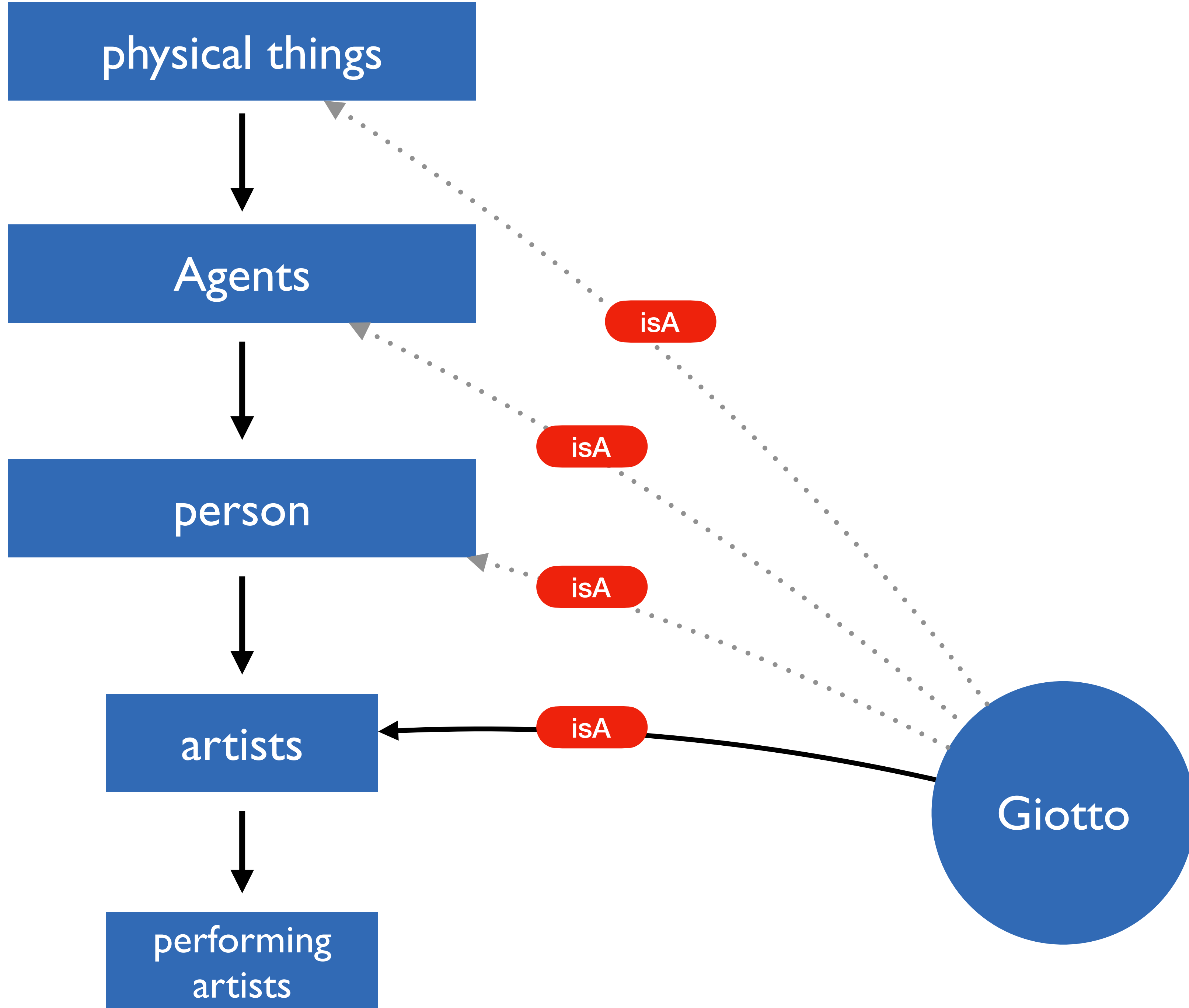


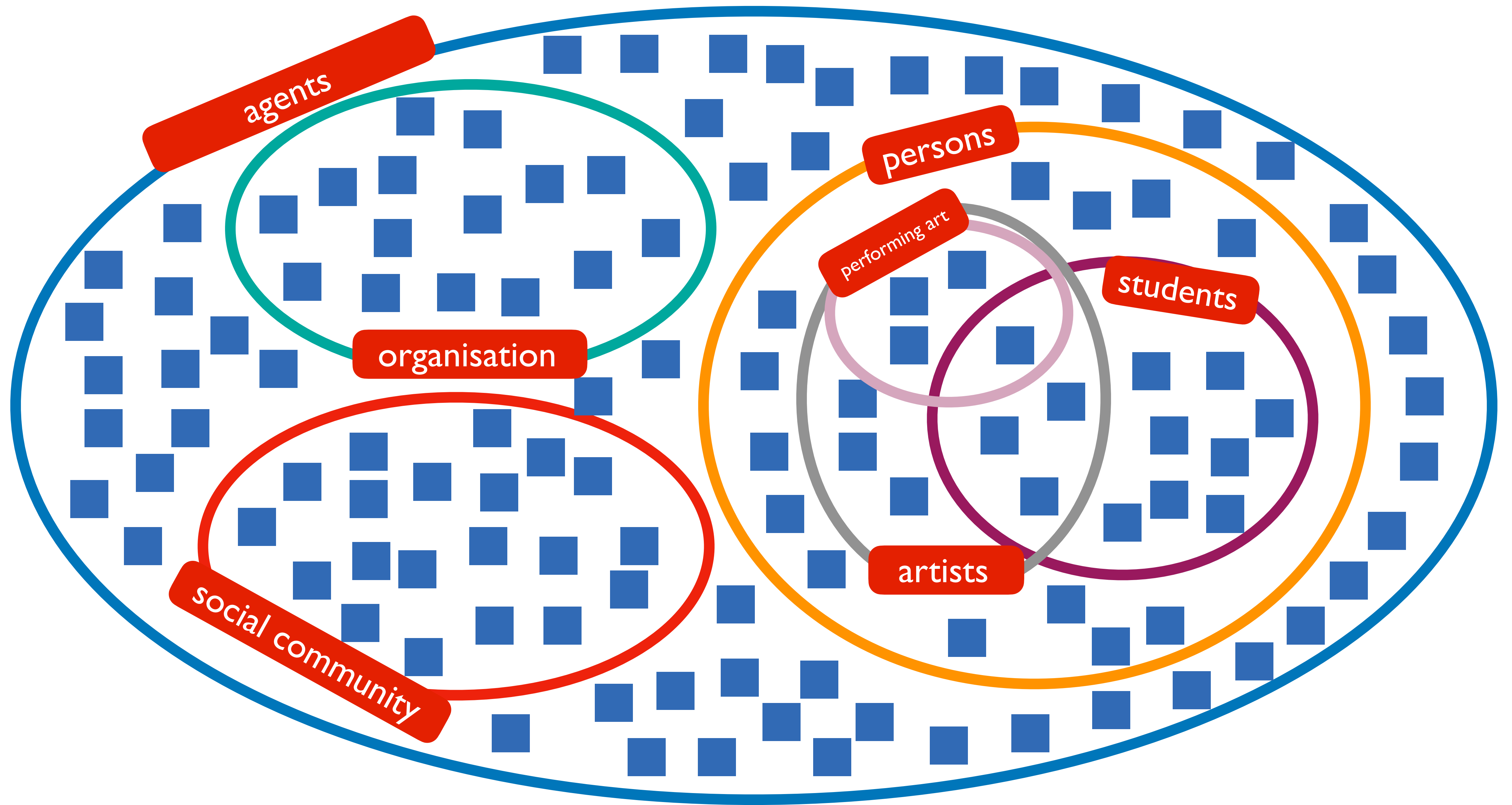
performing artists

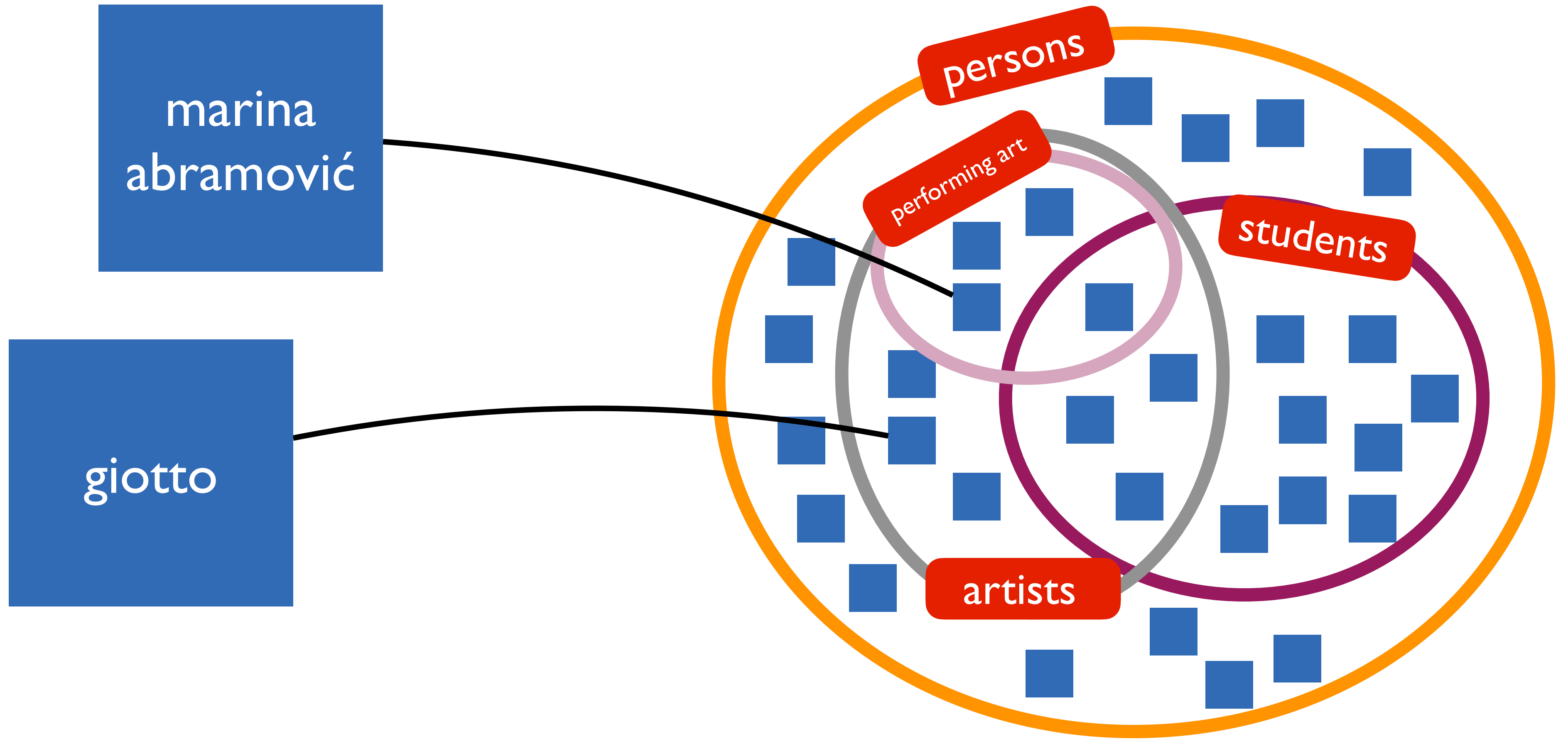












Essential properties of the class

P is a necessary condition for the existence of the member of the class.

Person:

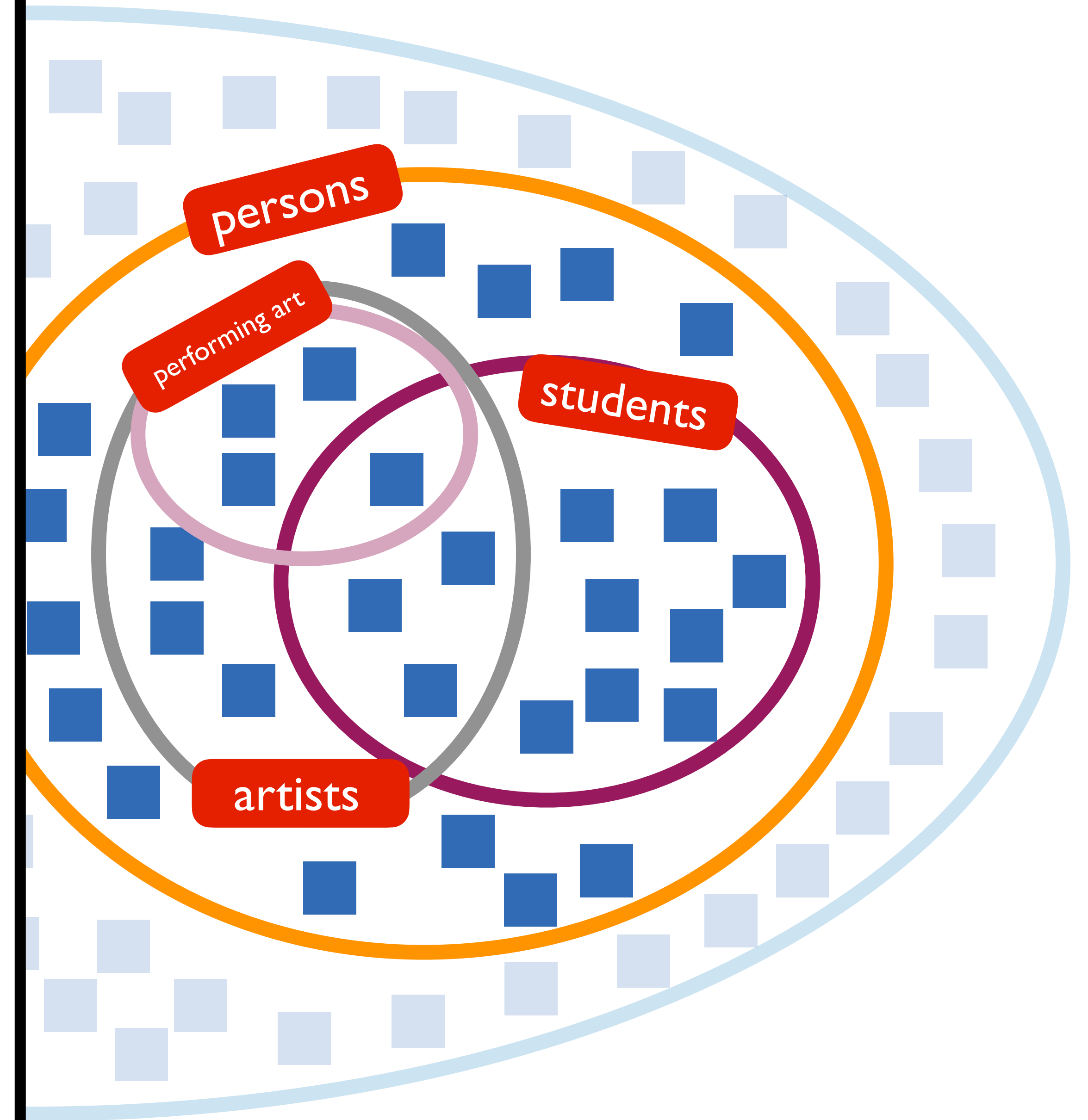
- Having heartbeat?
- Being physically present?

Student:

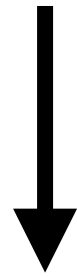
- Having heartbeat?
- Being enrolled in School?

Artist:

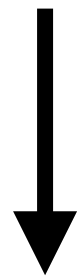
- ?



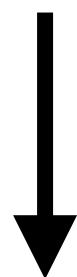
physical things



Moving Object



Car

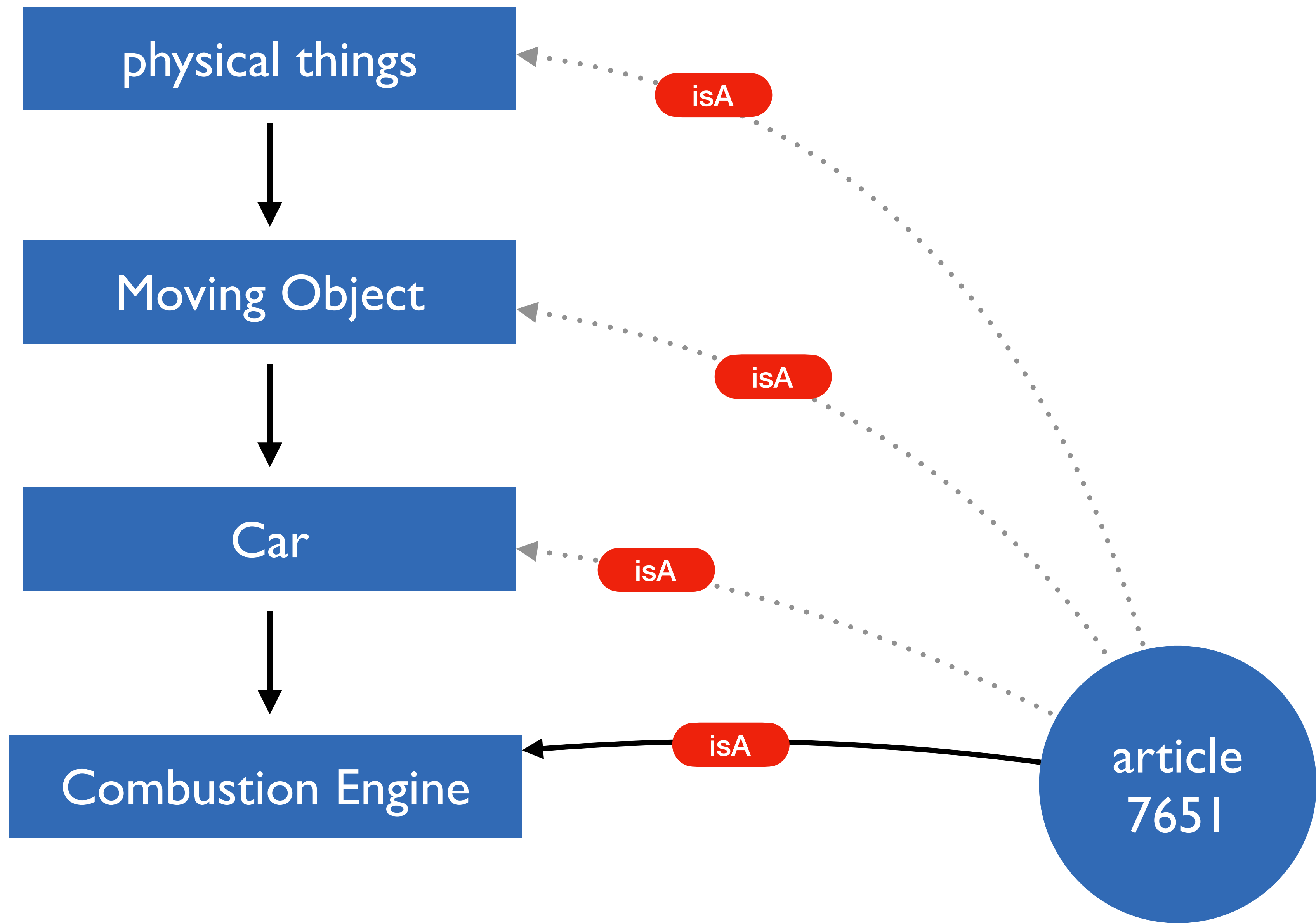


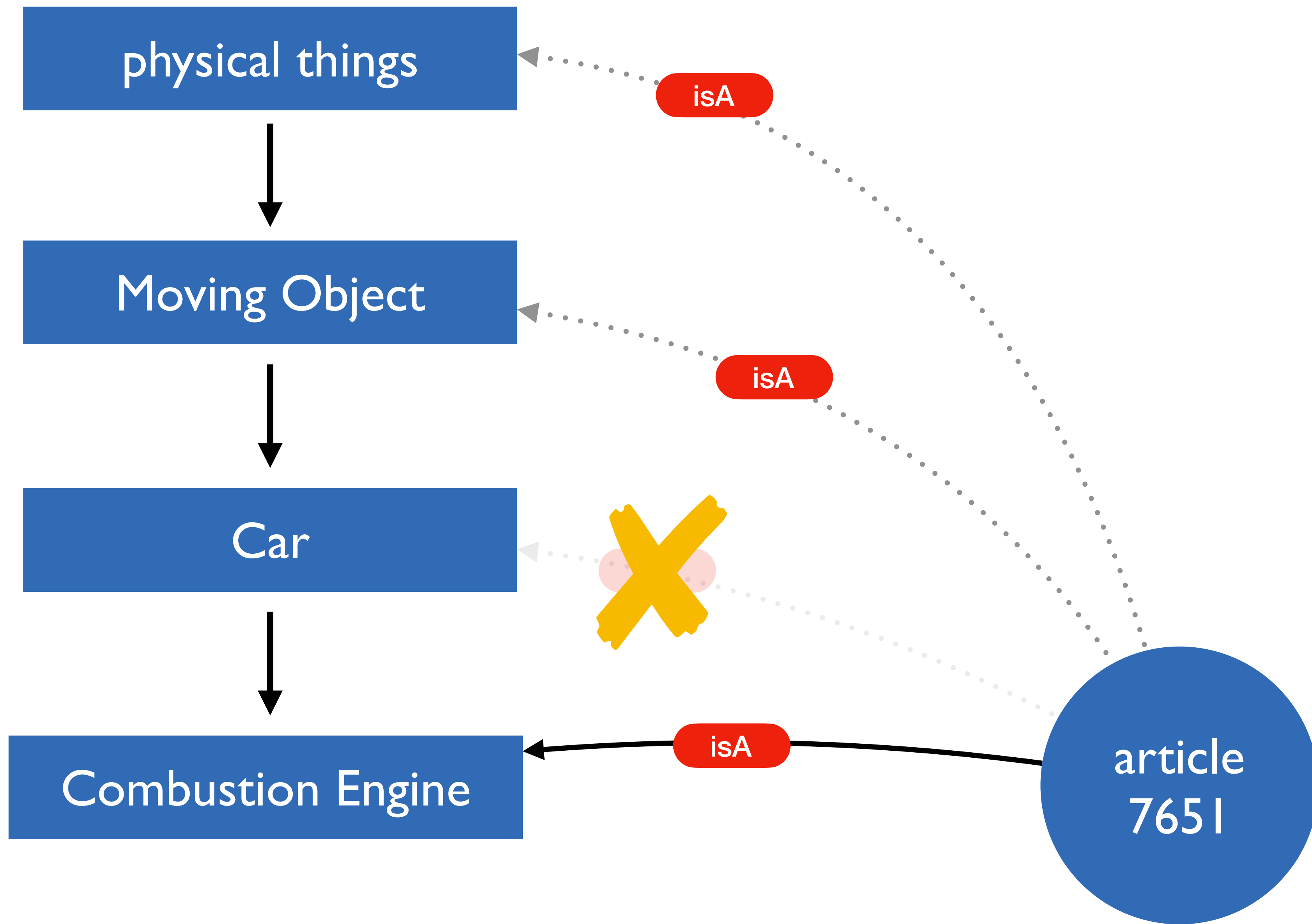
Combustion Engine

isA

article
7651







Essential properties of the class

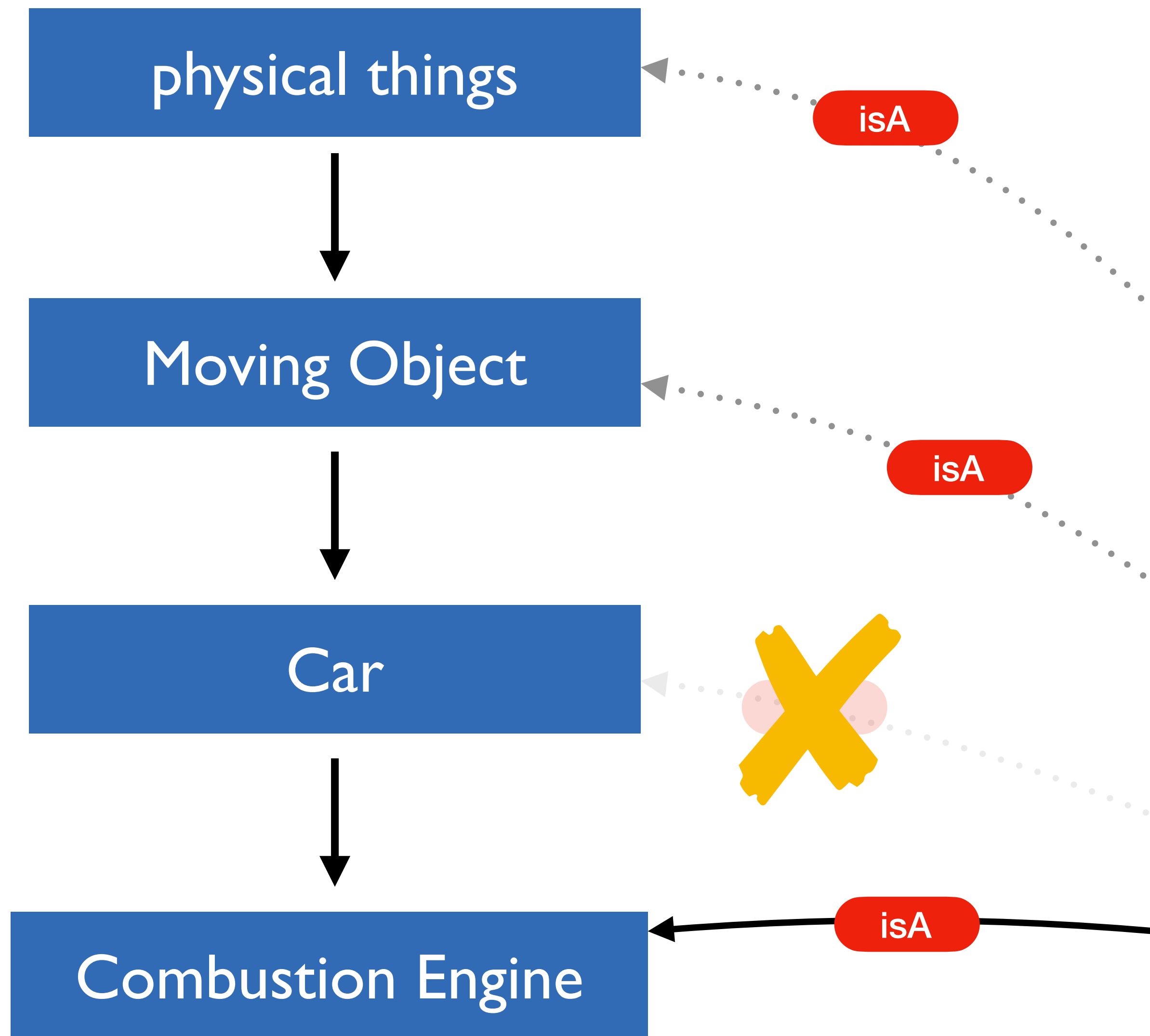
P is a necessary condition for the existence of the member of the class.

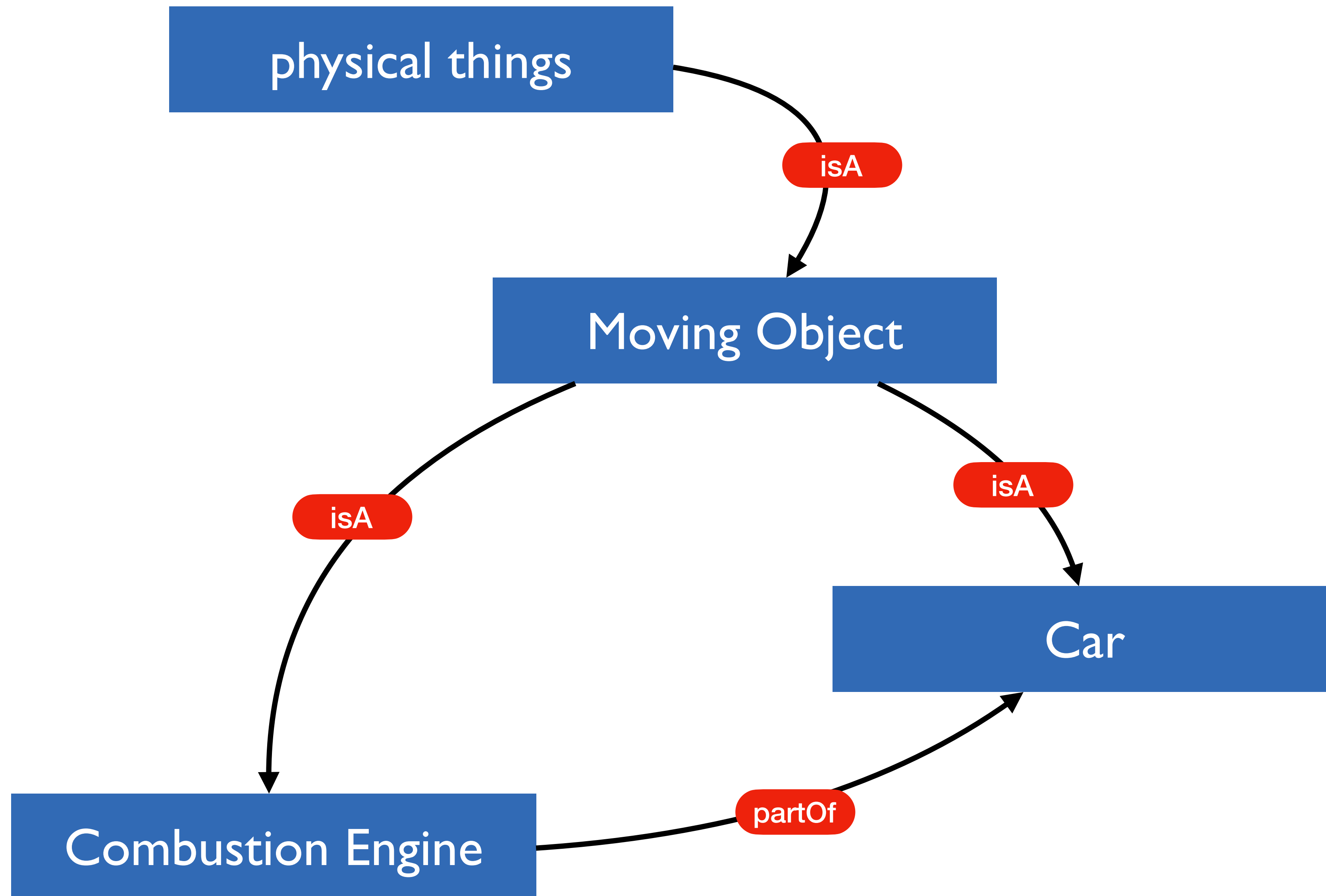
Car:

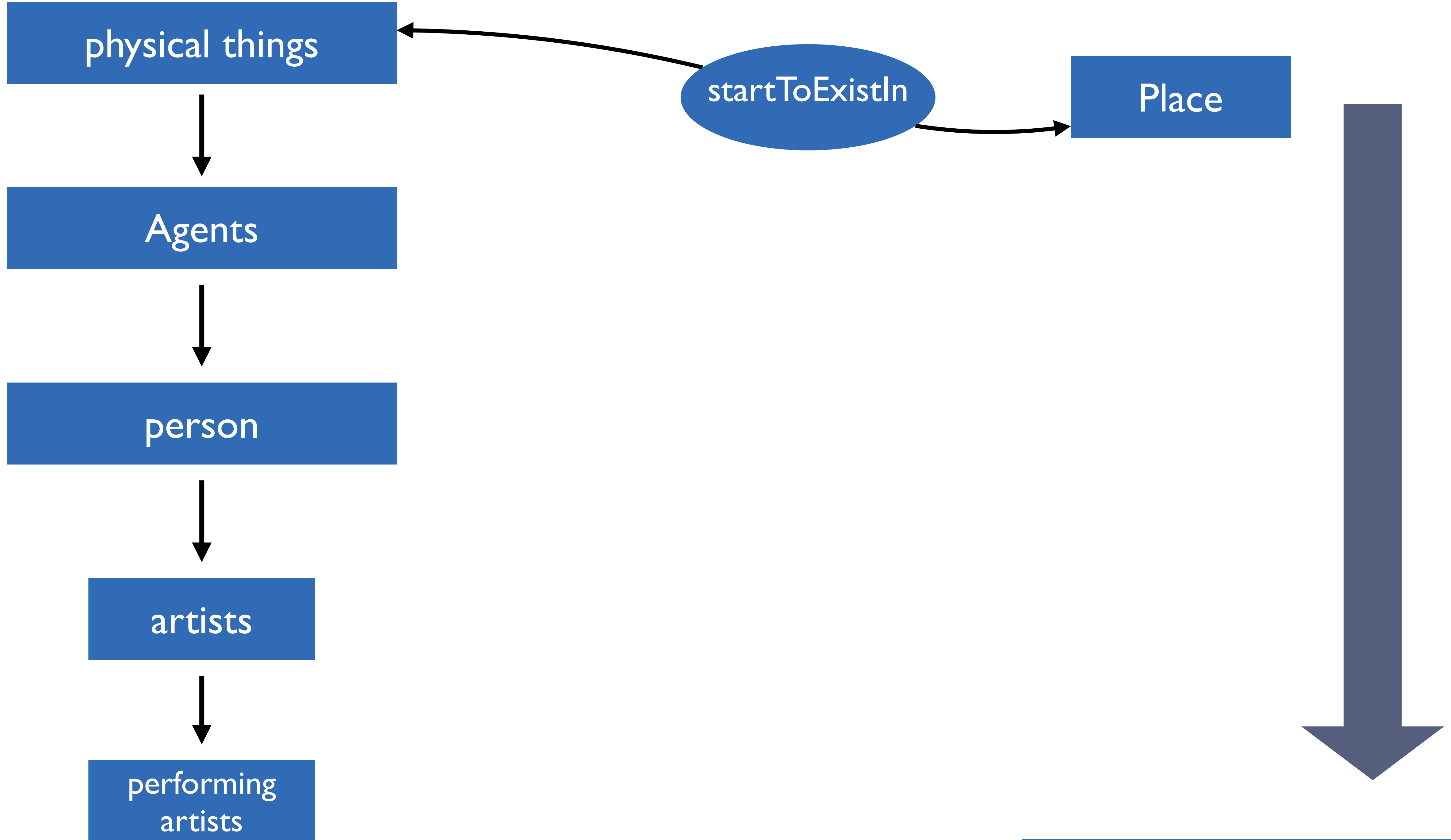
- Accomodate people

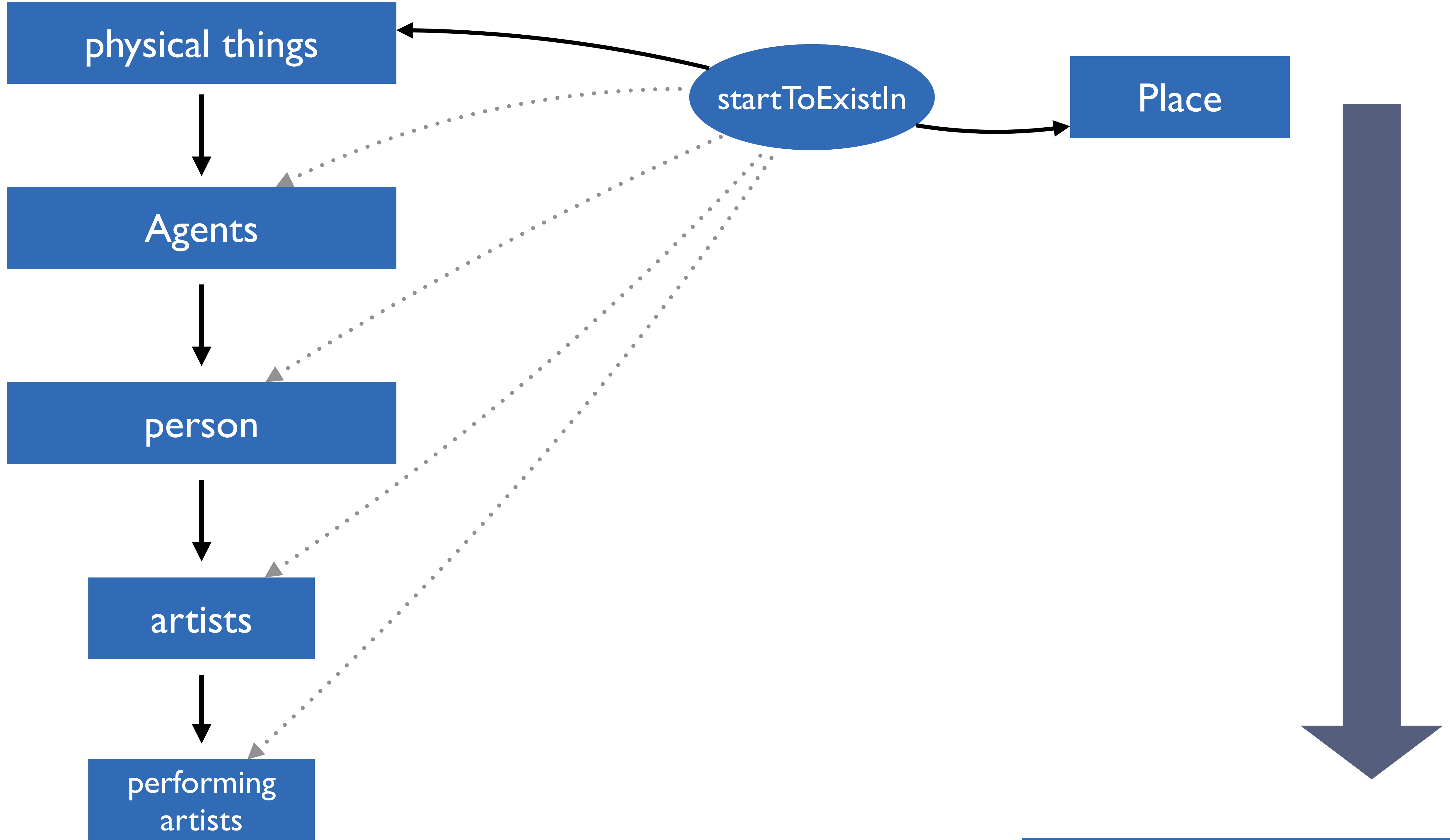
Engine:

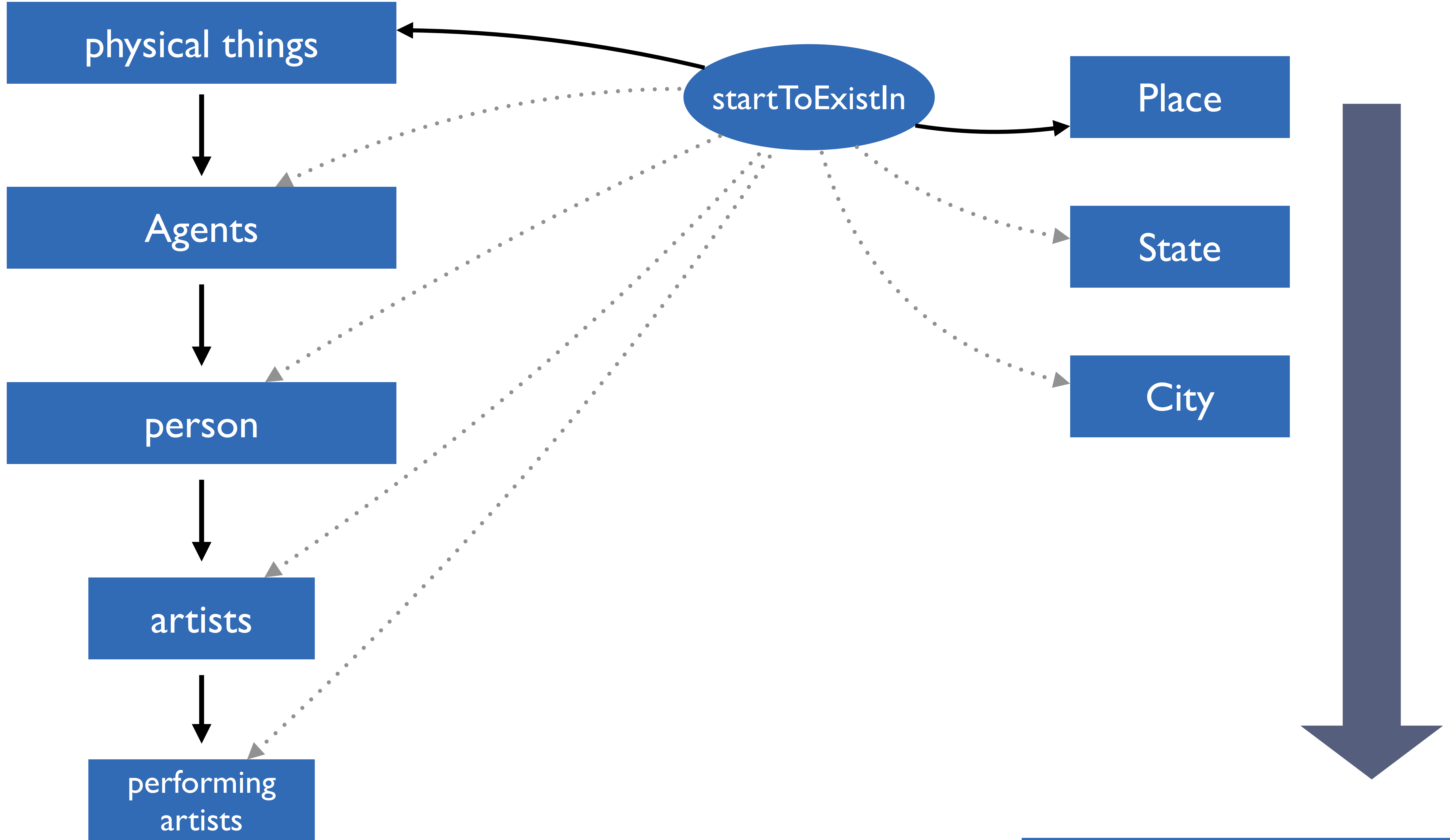
- Generate rotational force

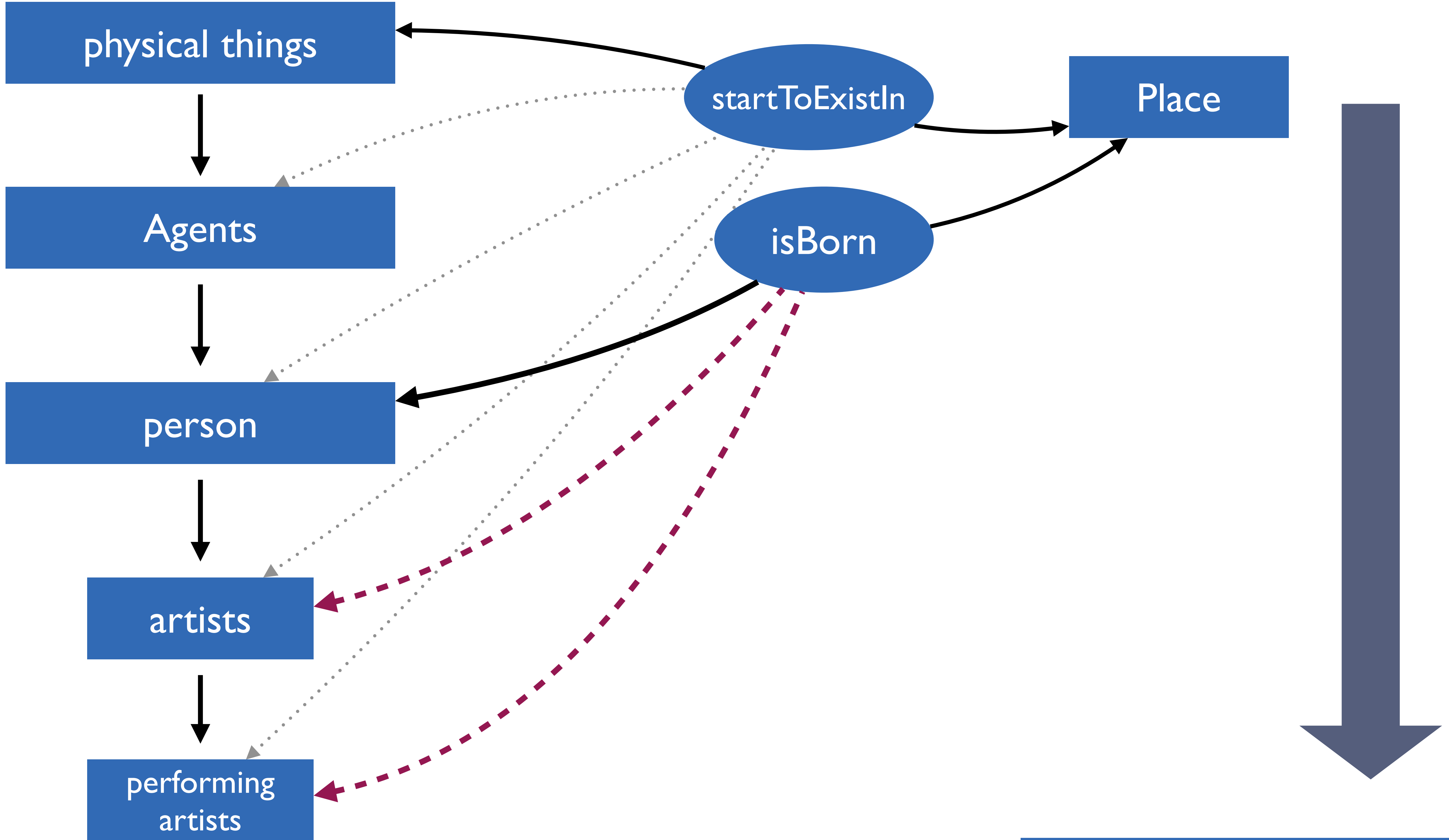


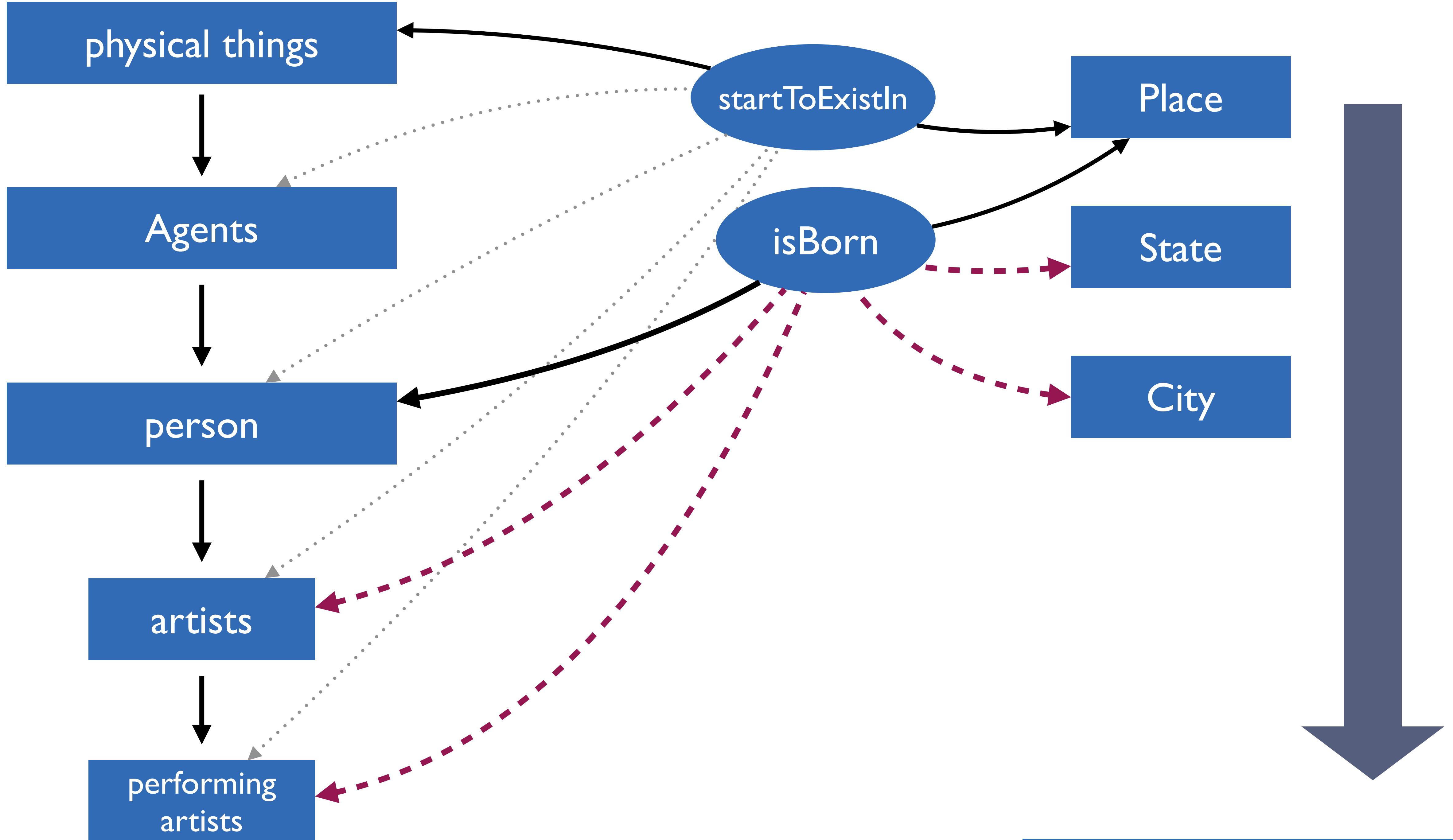


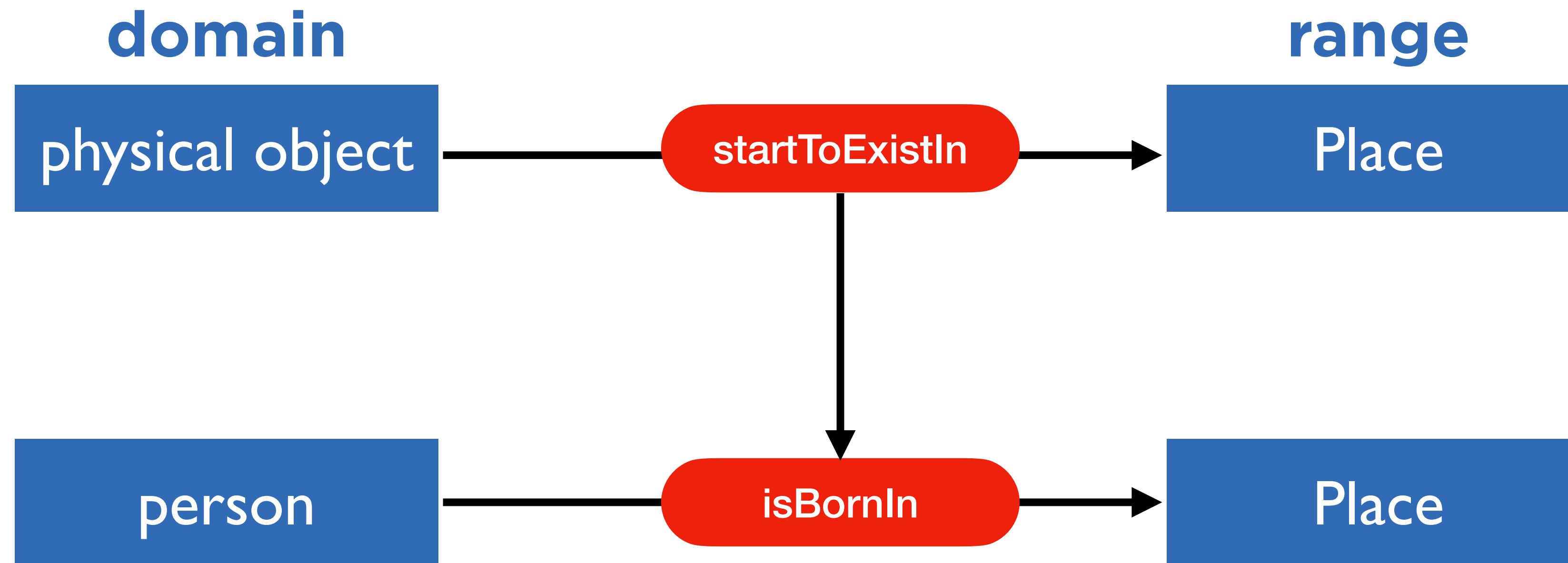


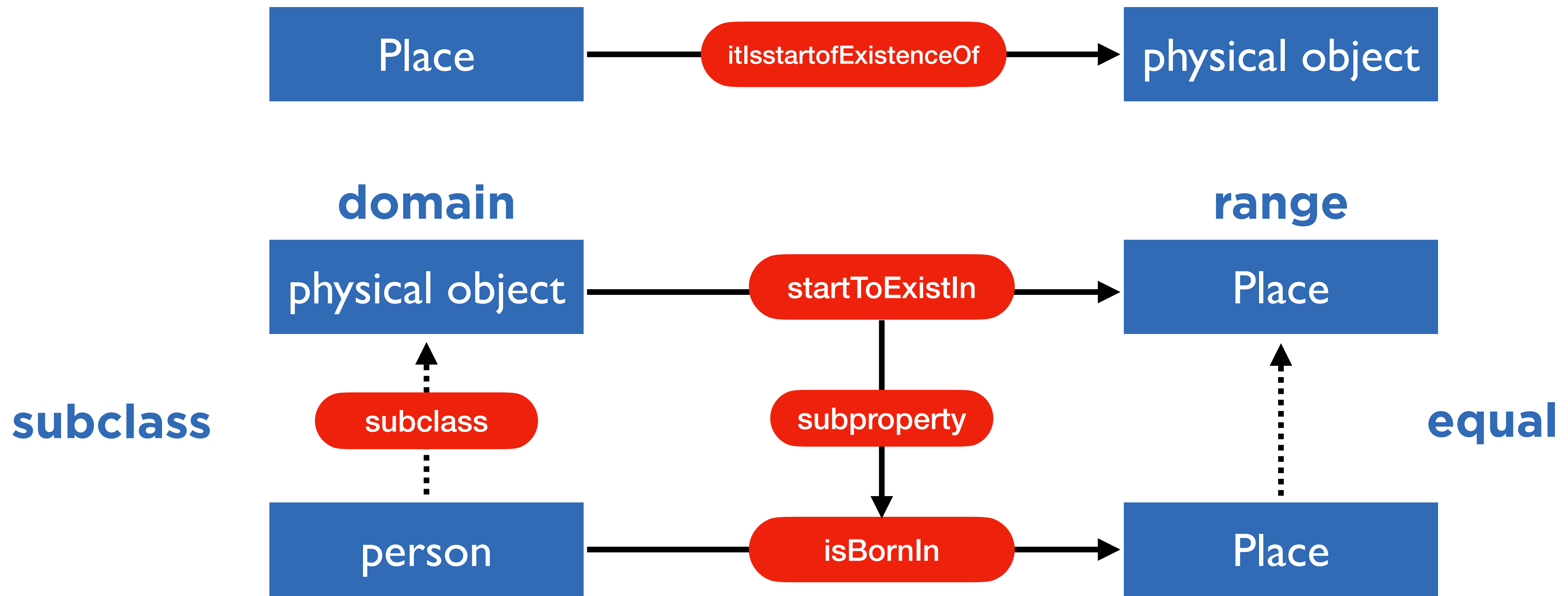






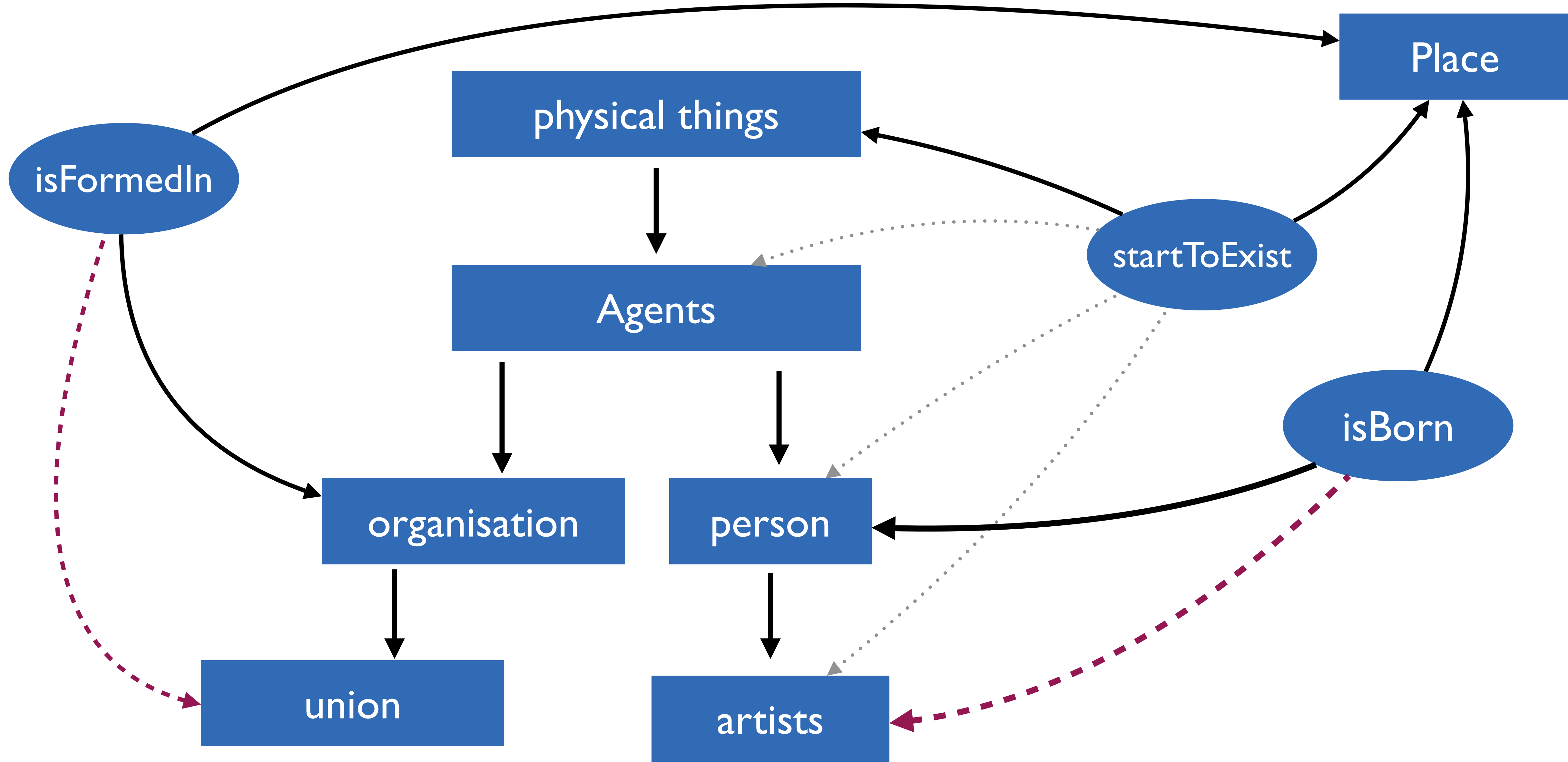


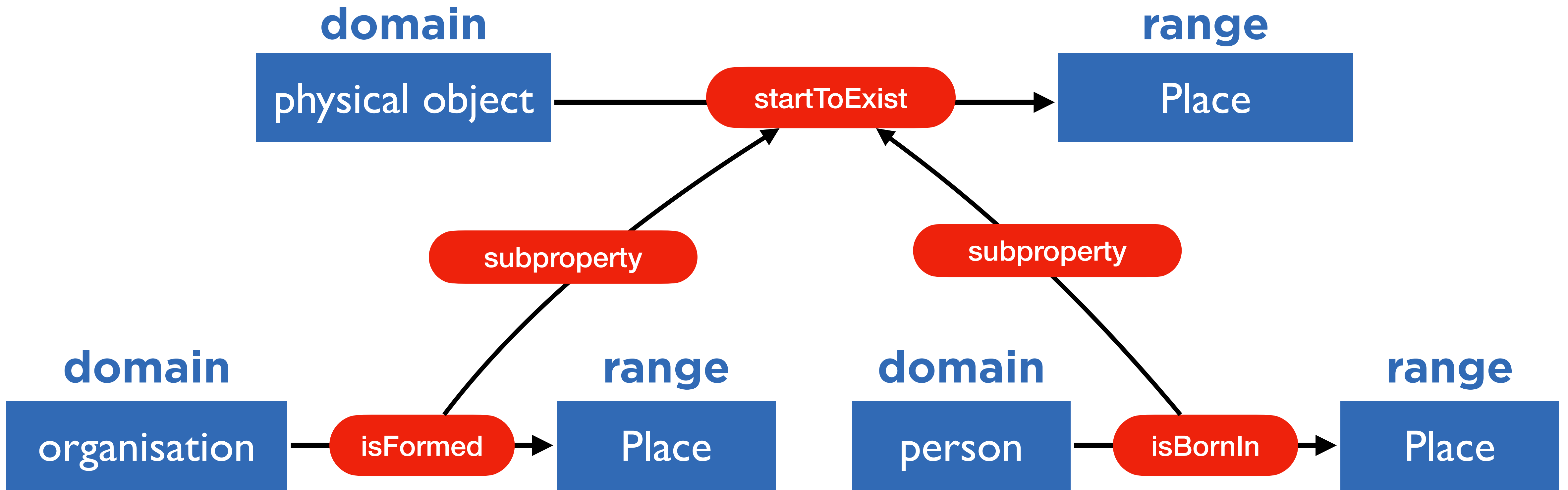


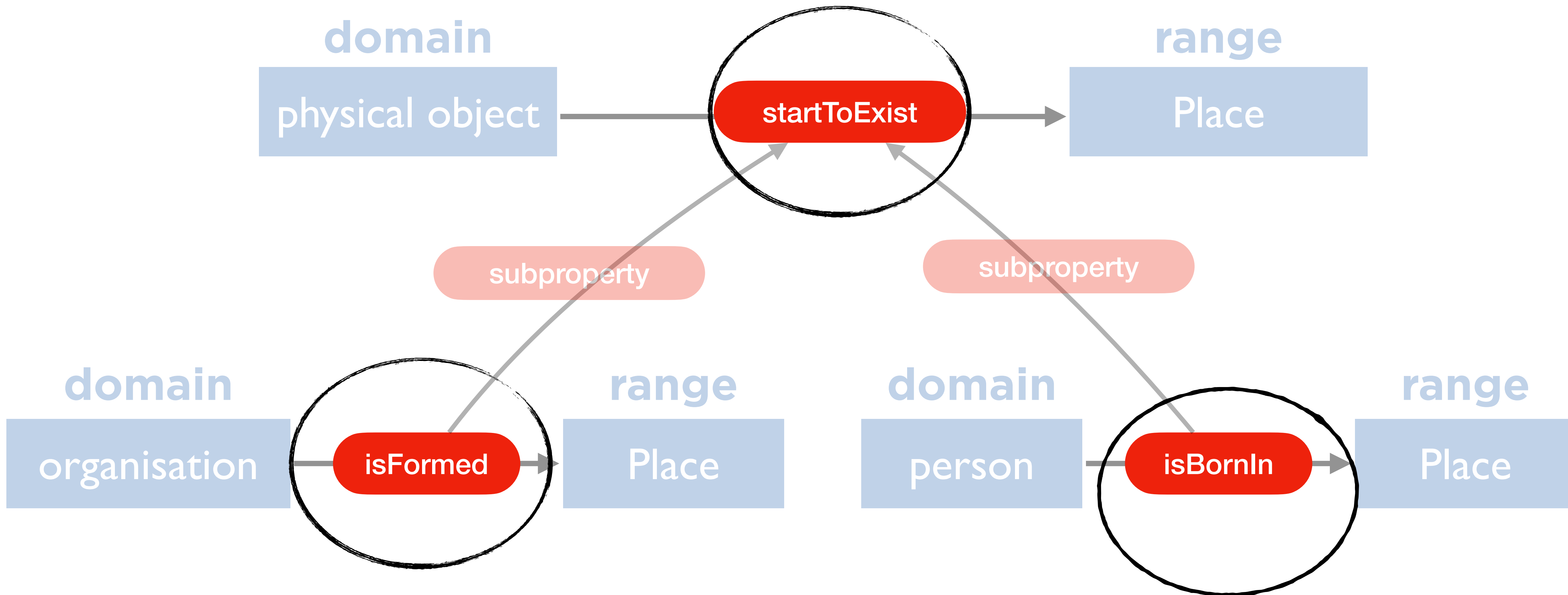


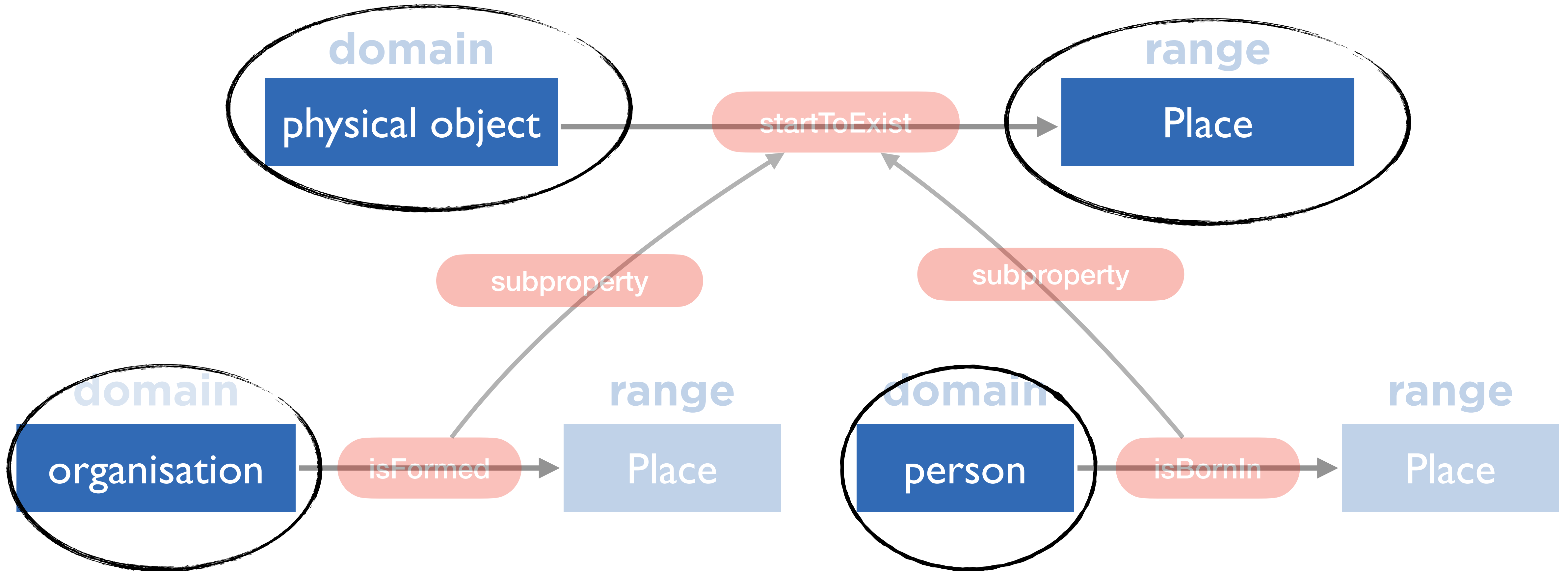
Agents





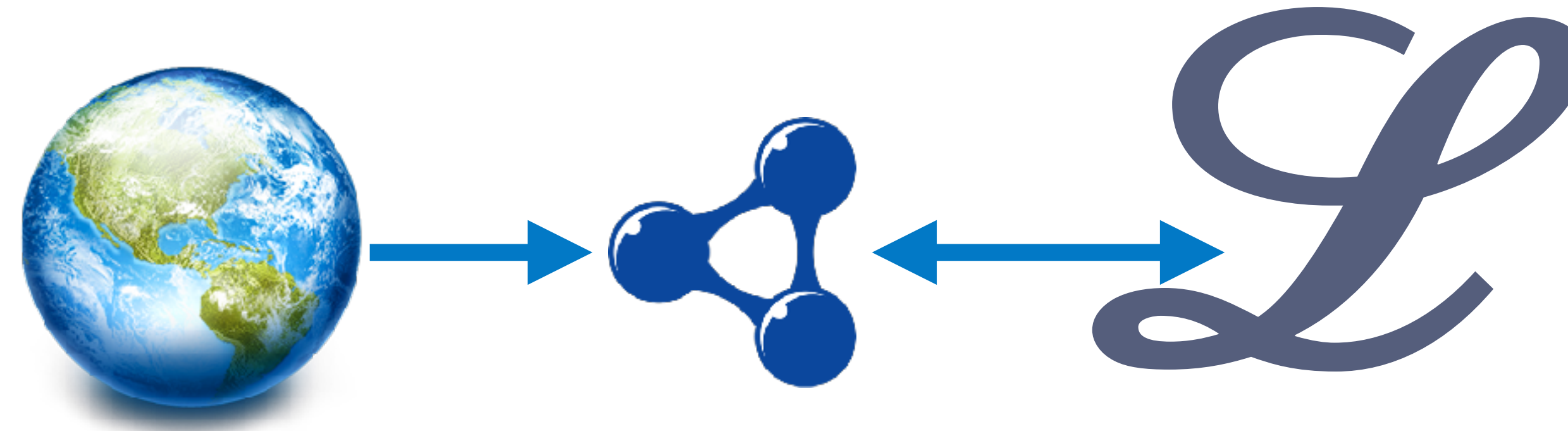






Ontologies

About the object



“An ontology is a formal, explicit specification of a shared conceptualization.”

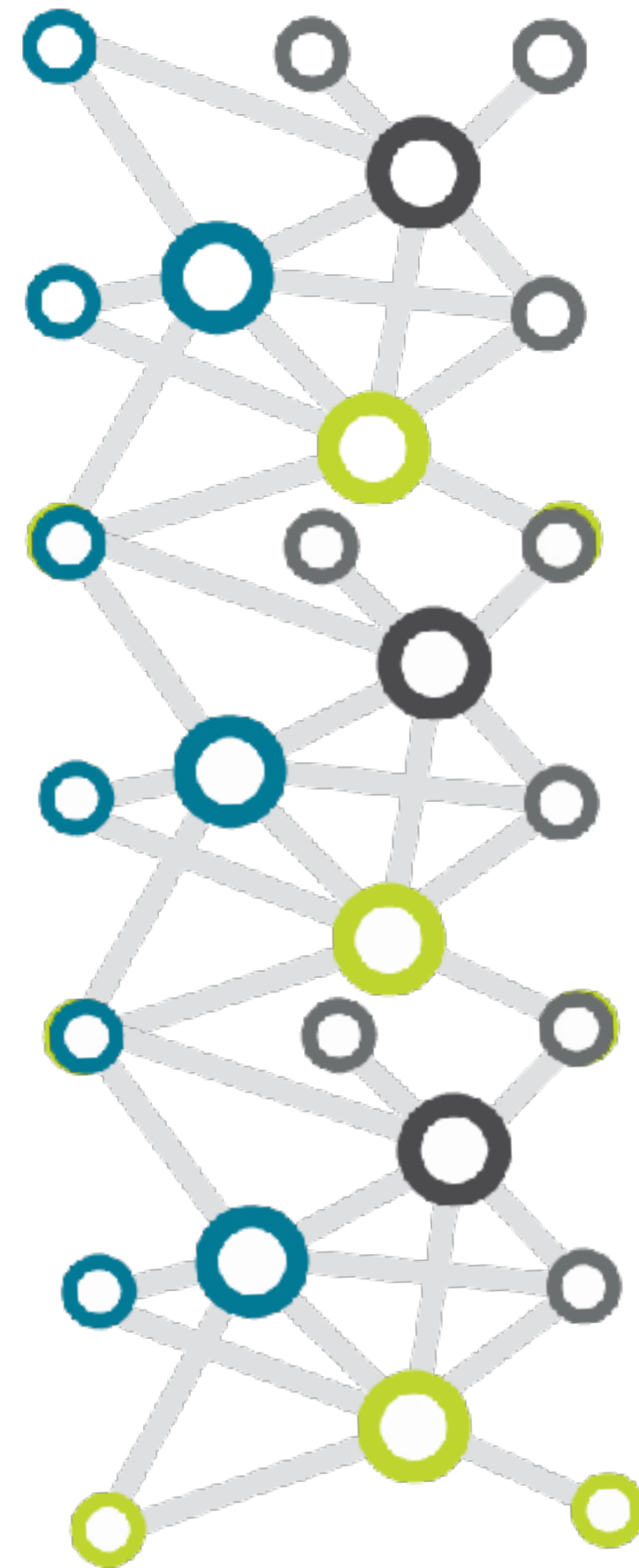
“logical theory accounting for the intended meaning of a formal vocabulary, i.e. its ontological commitment to a particular conceptualization of the world. The intended models of a logical language using such a vocabulary are constrained by its ontological commitment. An ontology indirectly reflects this commitment (and the underlying conceptualization) by approximating these intended models”

About the object

Language



Ontology



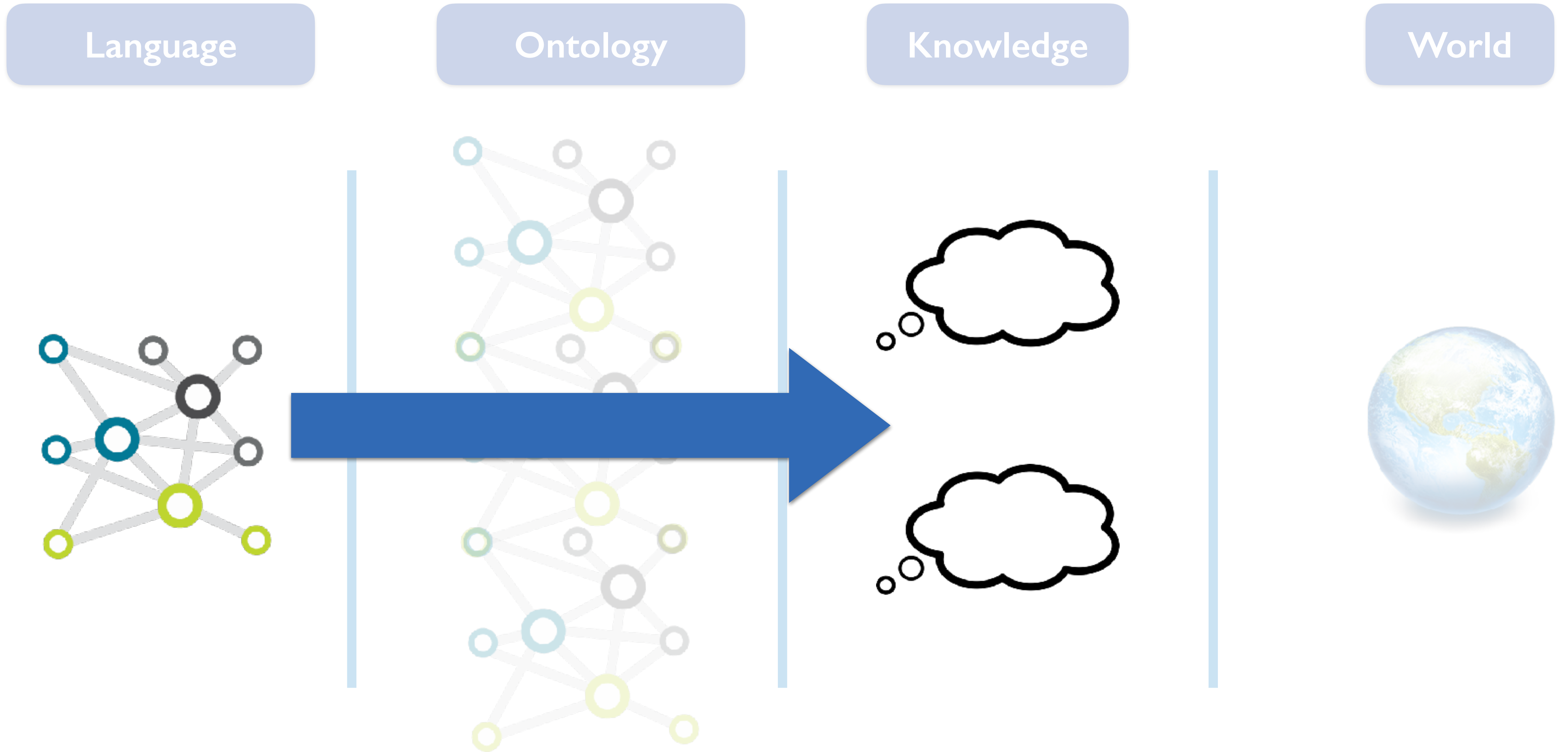
Knowledge



World



Ontological commitment



Classes and properties

Class

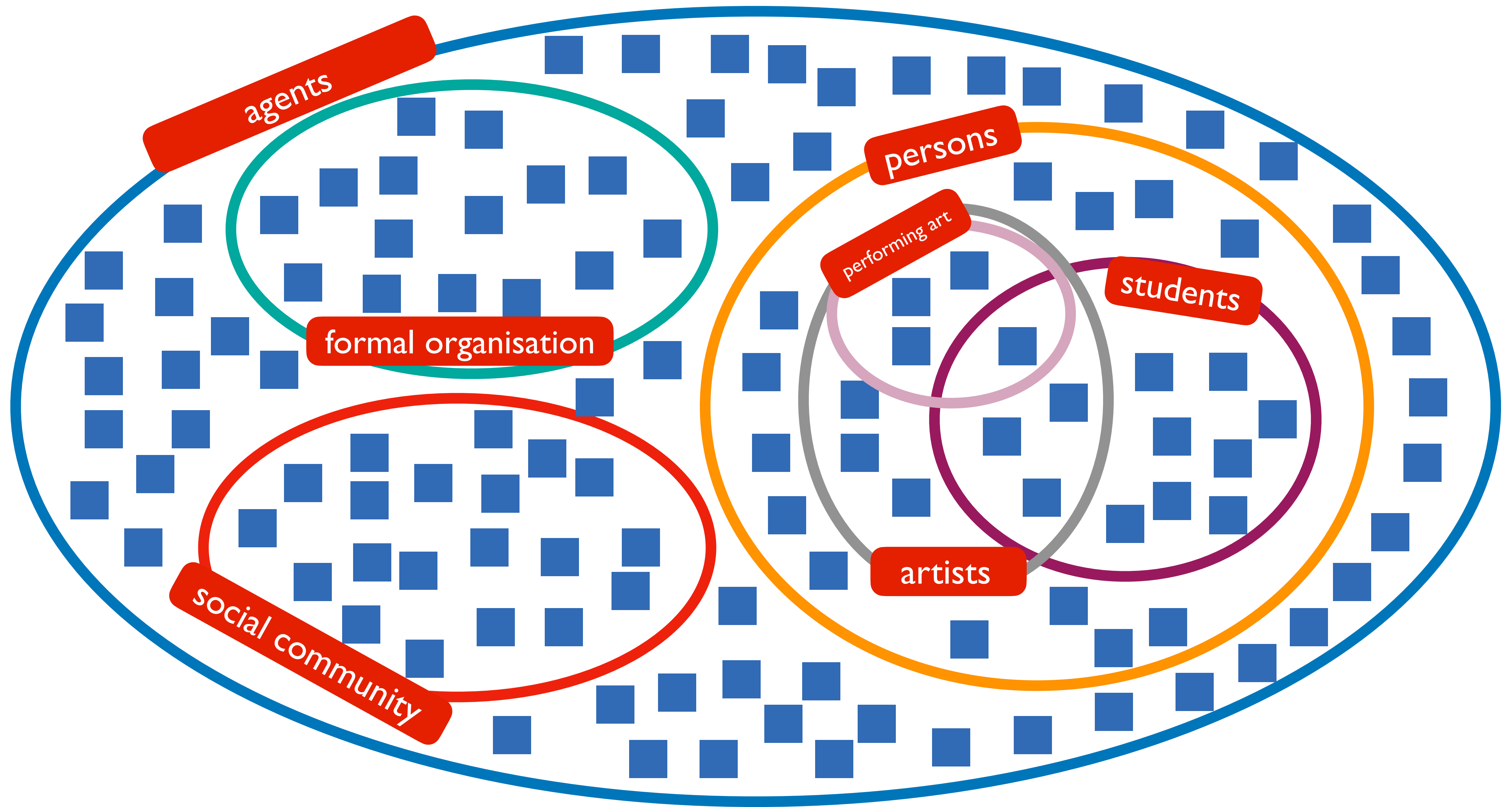
“A category of items that share one or more common traits serving as criteria to identify the items belonging to the class.”

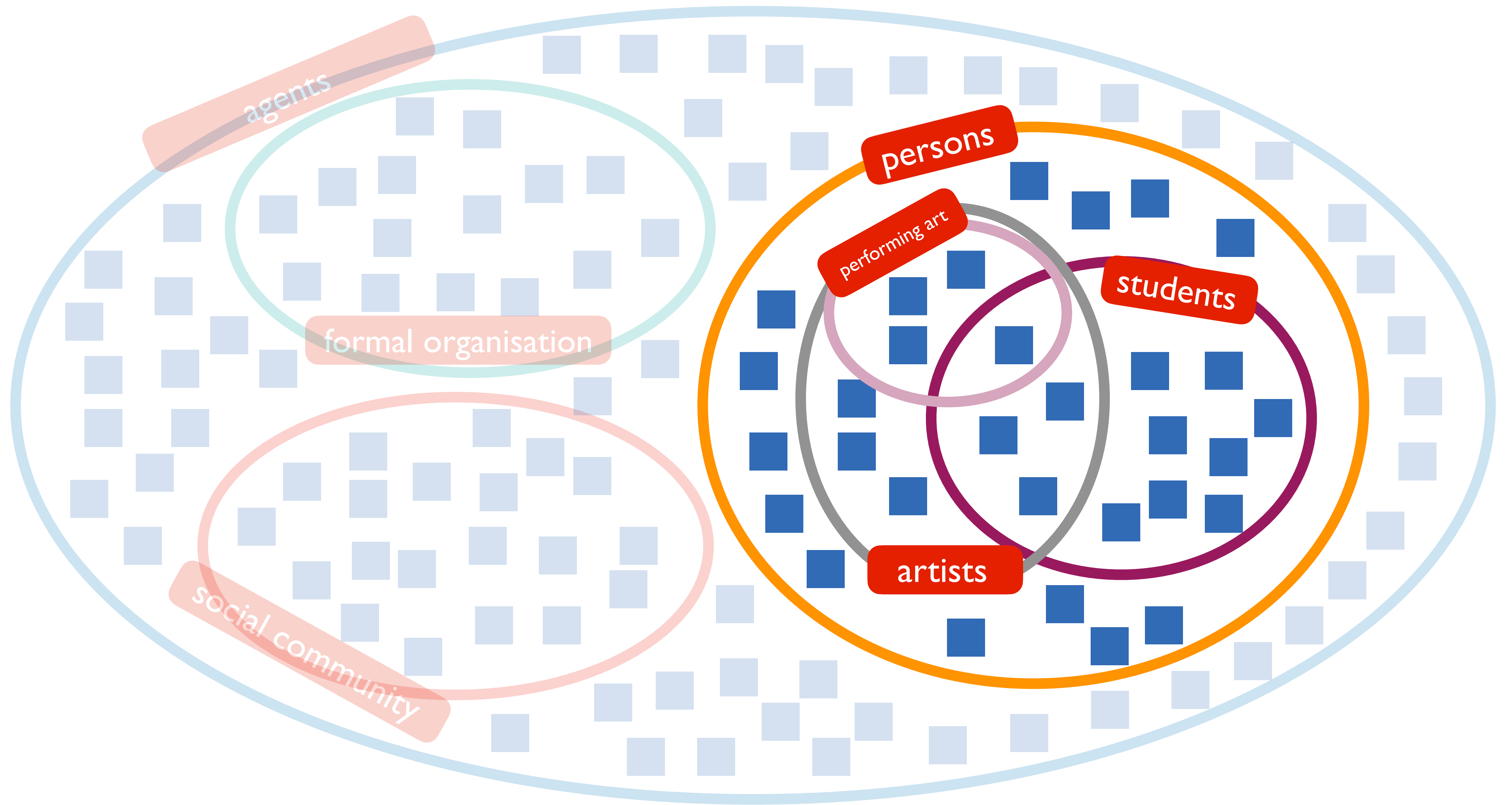
Property

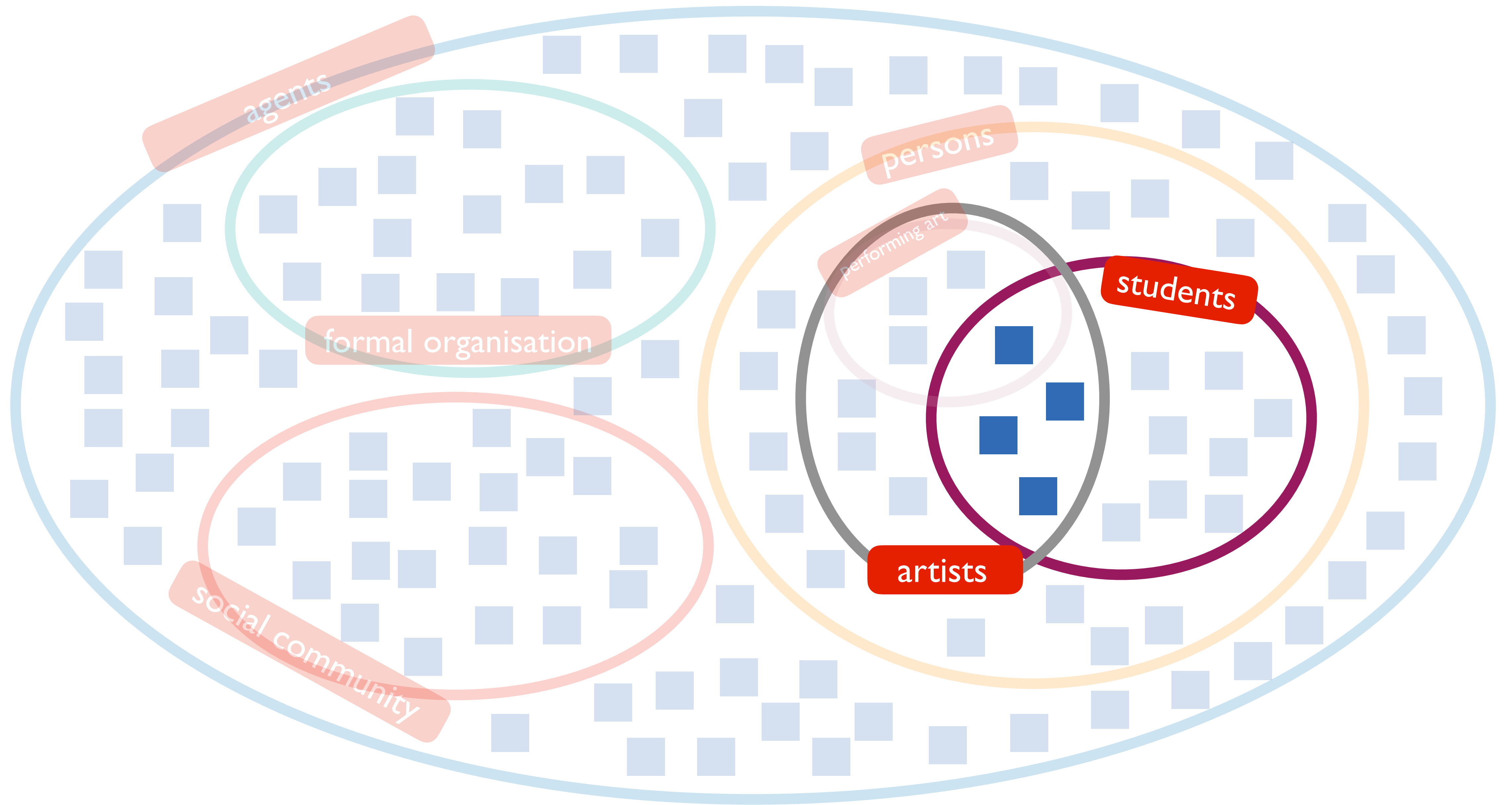
“A property serves to define a relationship of a specific kind between two classes [...] A property plays a role analogous to a grammatical verb, in that it must be defined with reference to both its domain and range, which are analogous to the subject and object in grammar.”

Instance

An instance of a class is a real world item that fulfils the criteria of the intension of the class





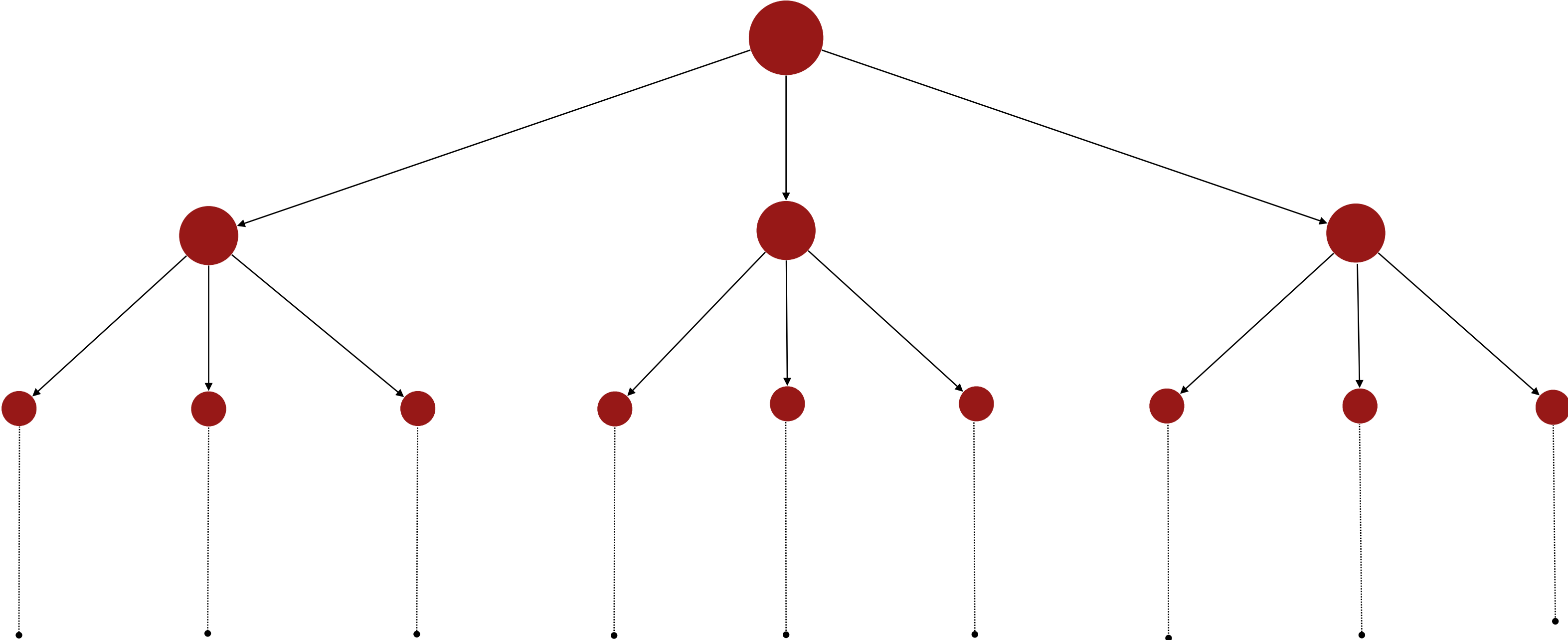


FOAF

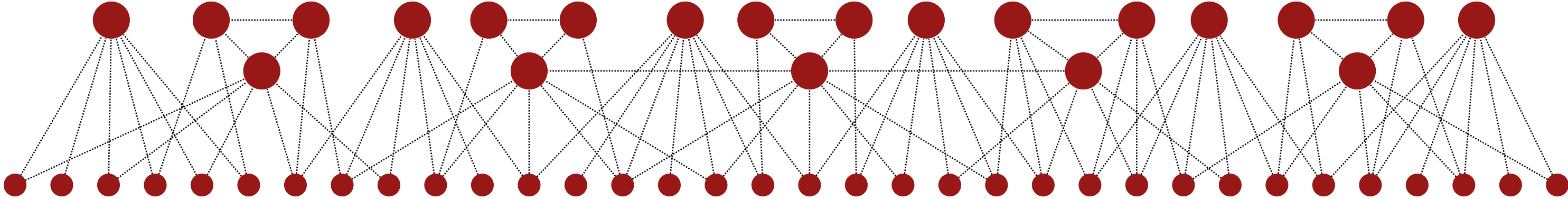
Dublin Core

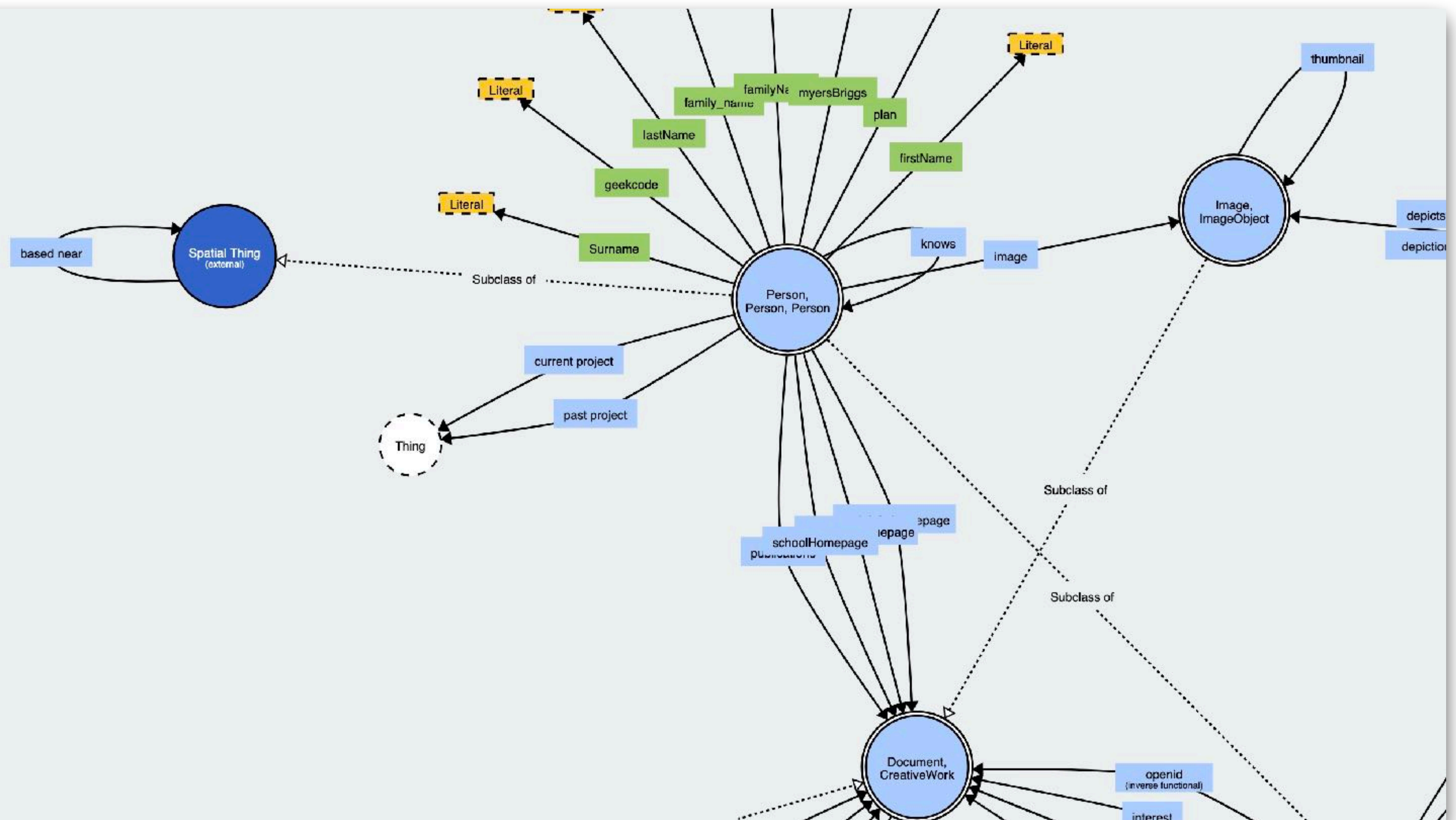
SKOS

Upper ontology



Domain ontology





Modelling exercise

miro and protégé edition