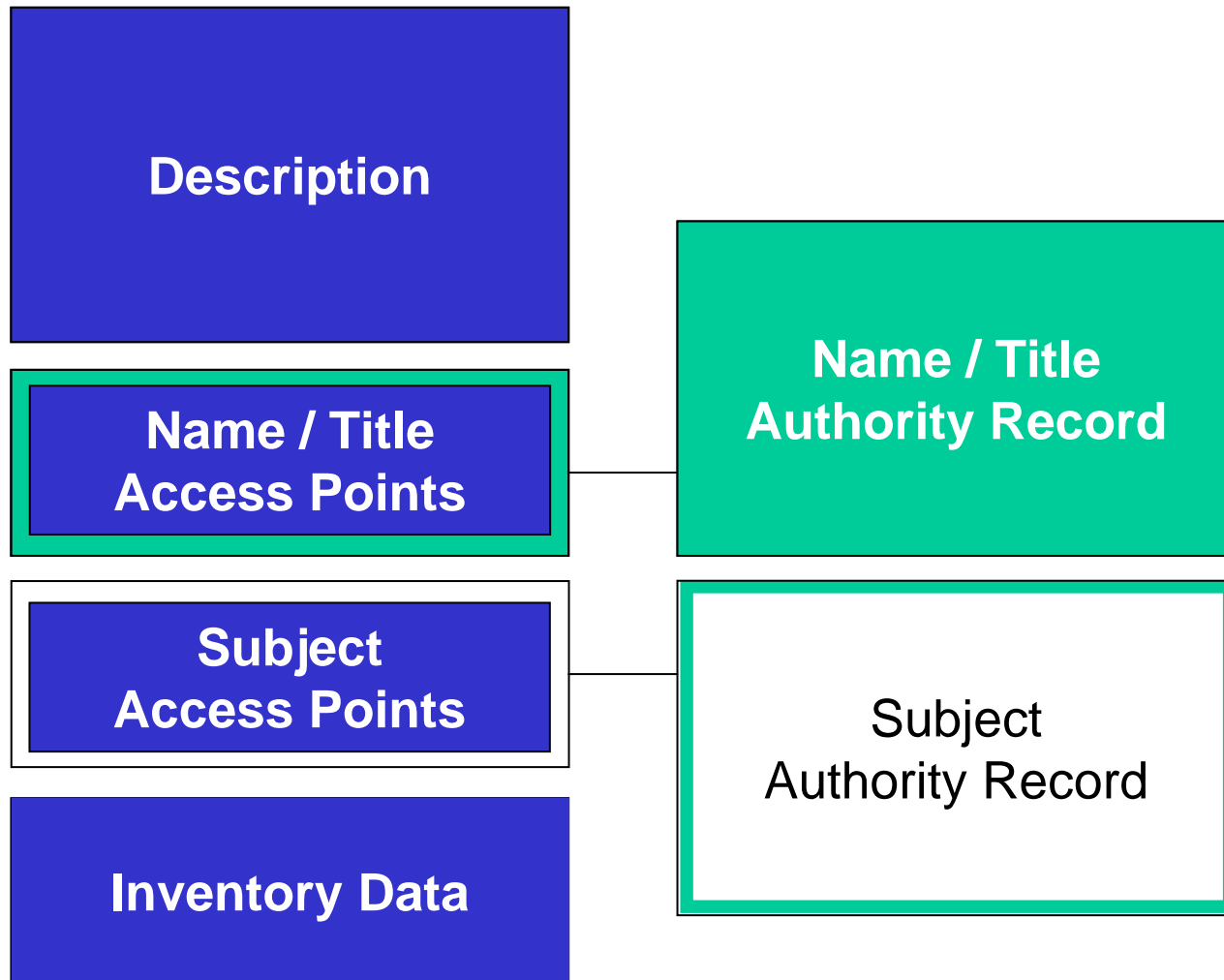


Modeling Subject Access

Refining and Extending the FRBR and
FRAR Conceptual Models

Current scope of the models



What remains to be done?

- revisit the entities
- review the repertoire of attributes
- extend the relationships

Revisiting the entities

- scope of representation
 - universe of human observation and thought
- specificity of categorization
 - meaningful relationship to conventions for subject access

<indecs>

COGNITIVE MODE

Conceptual

Perceptual

Concept

Time

Situation

Relation

Event

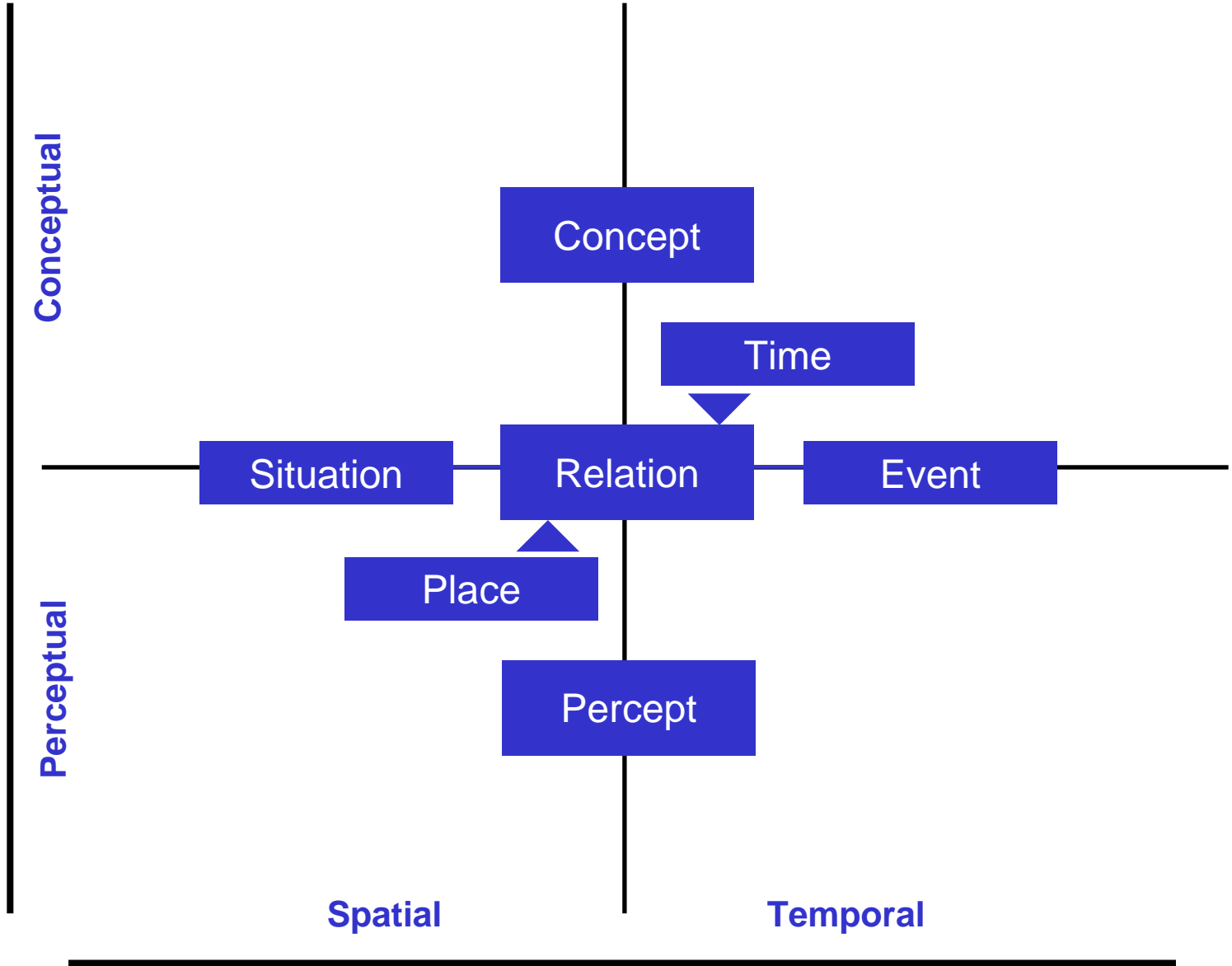
Place

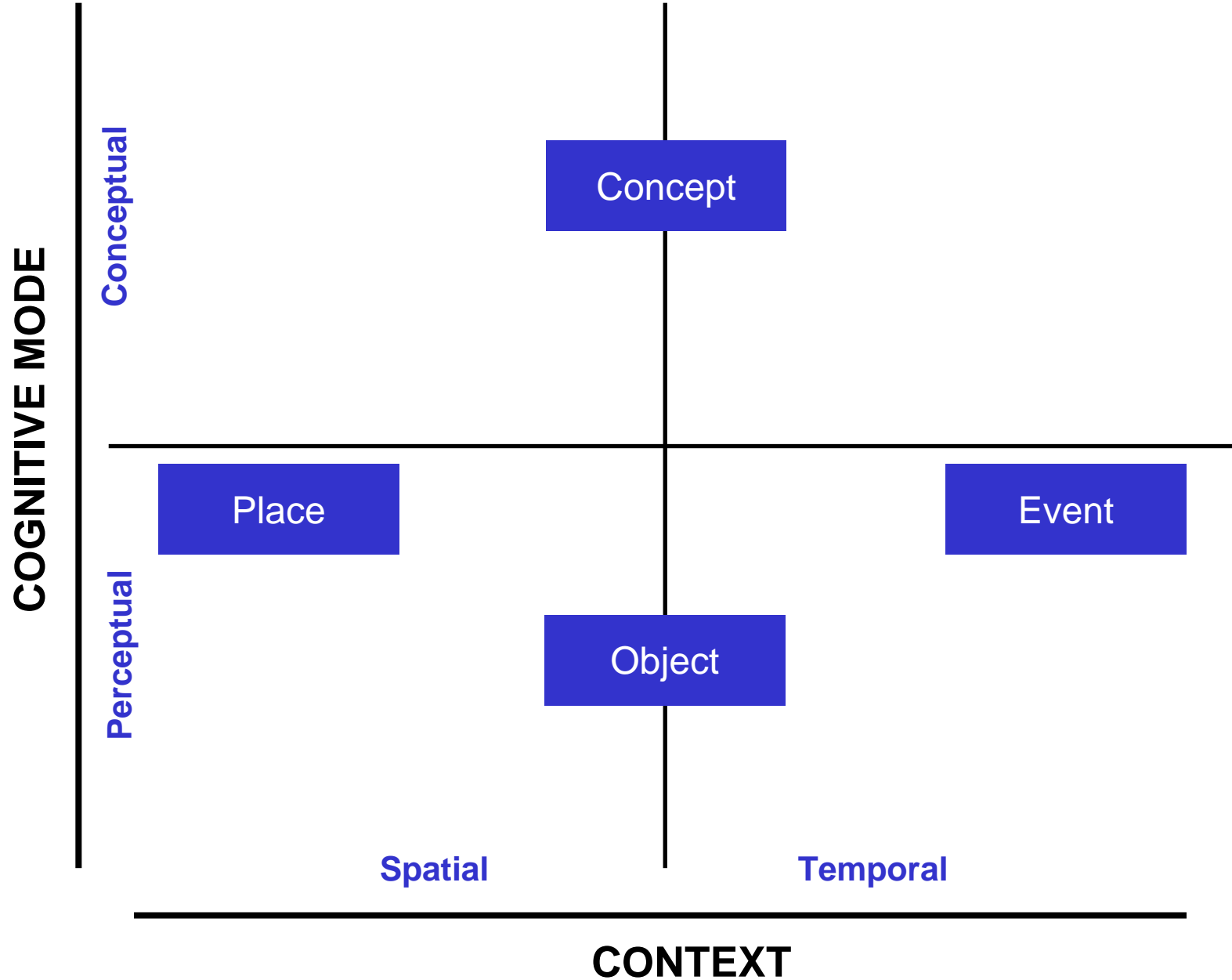
Percept

Spatial

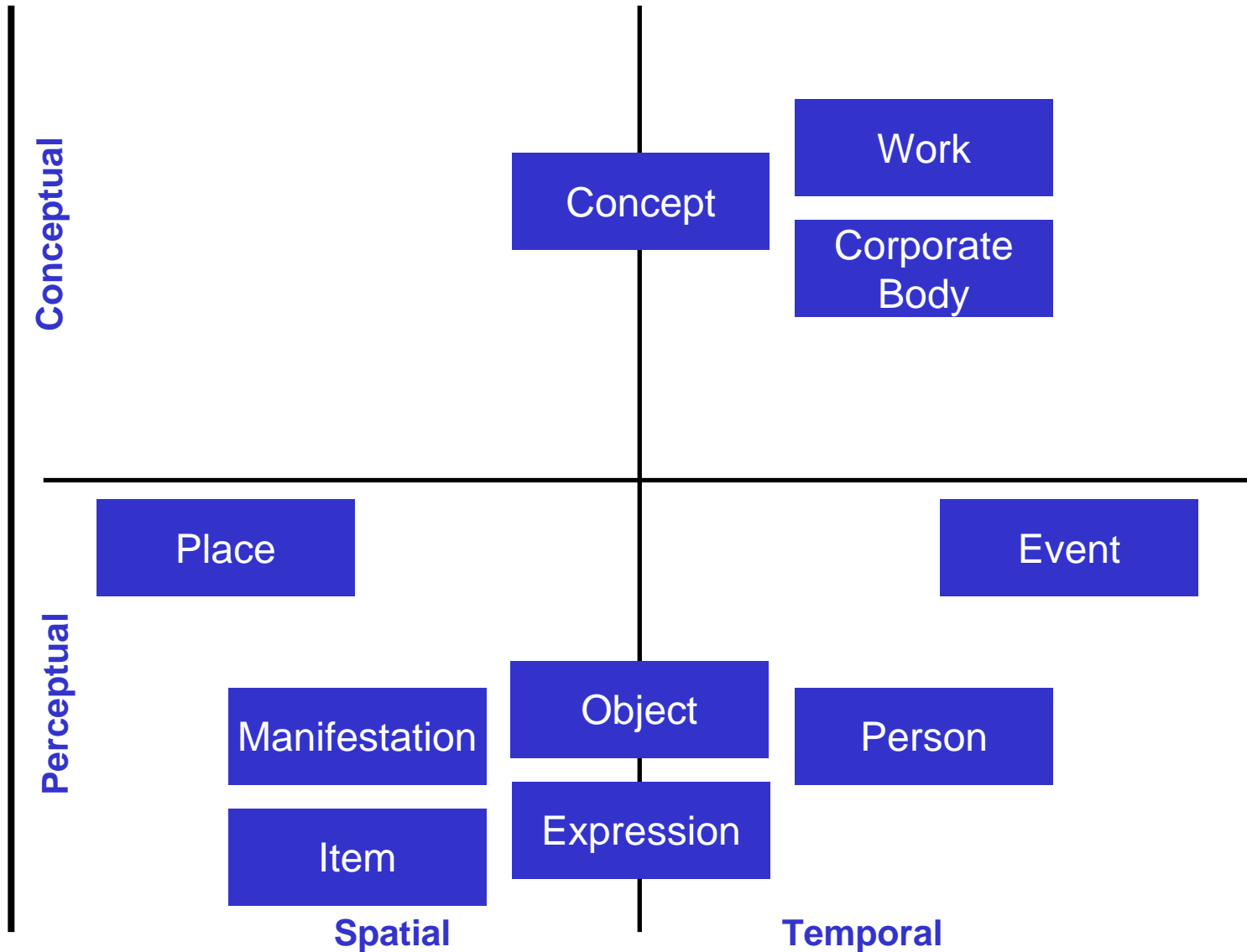
Temporal

CONTEXT





COGNITIVE MODE



CONTEXT

FRBR
FRAR

COGNITIVE MODE

Conceptual

Perceptual

Concept

Work

Corporate
Body

Family

Person

Place

Event

Manifestation

Object

Person

Expression

Item

Spatial

Temporal

CONTEXT



FRBR
FRAR
FRSAR

COGNITIVE MODE

Conceptual

Perceptual

Concept

Work

Corporate
Body

Family

Time

State

Person

Place

Event

Percept

Manifestation

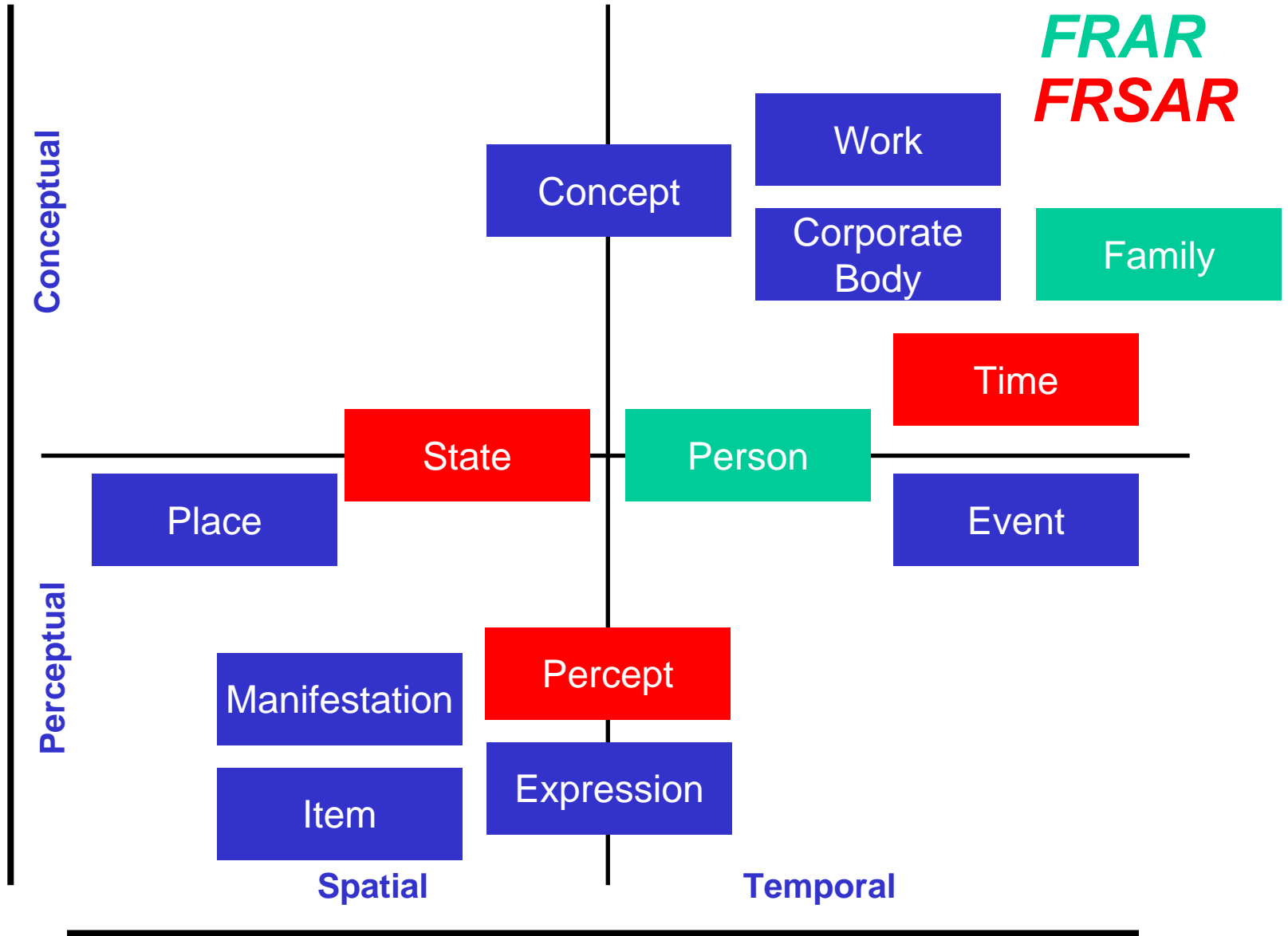
Expression

Item

Spatial

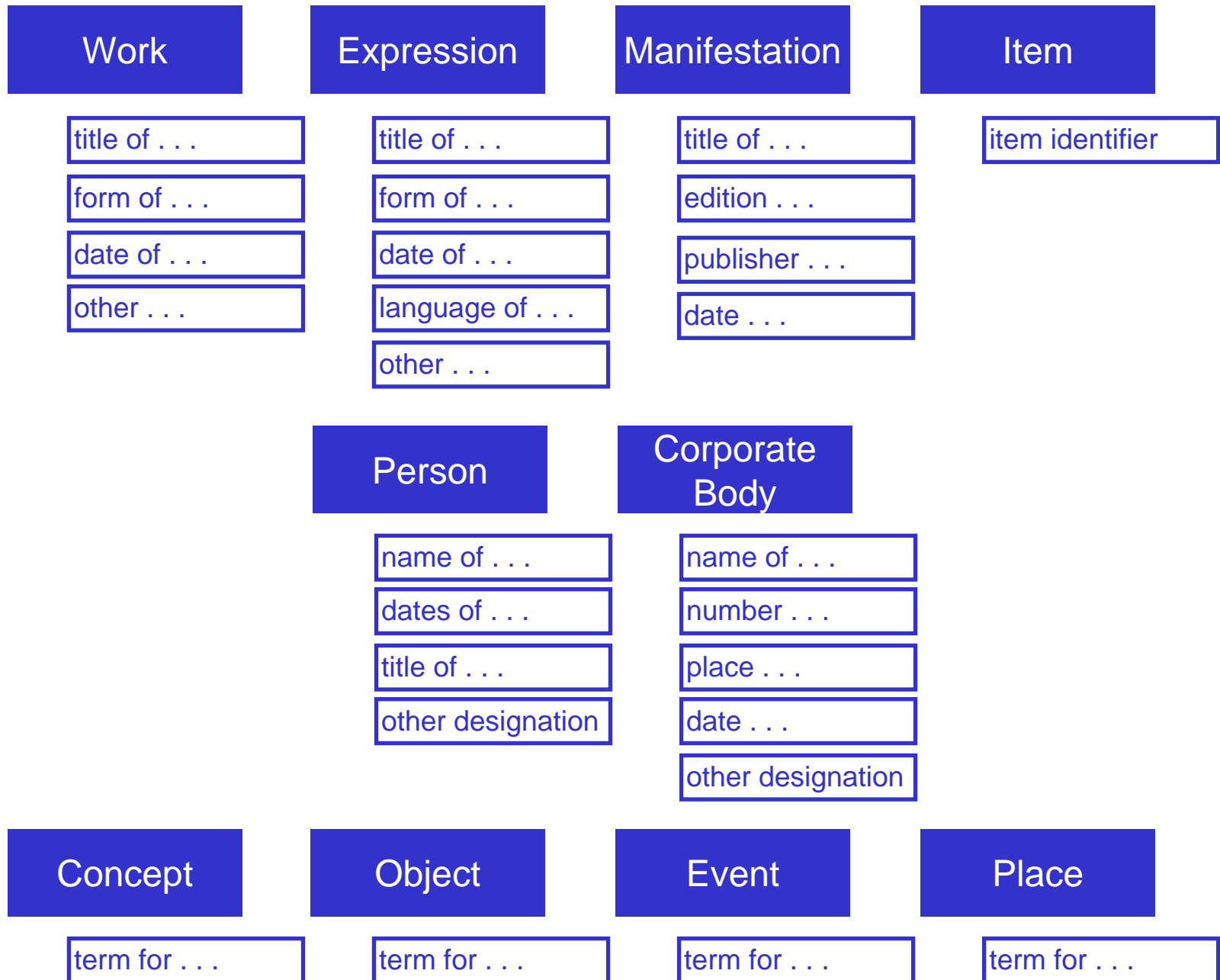
Temporal

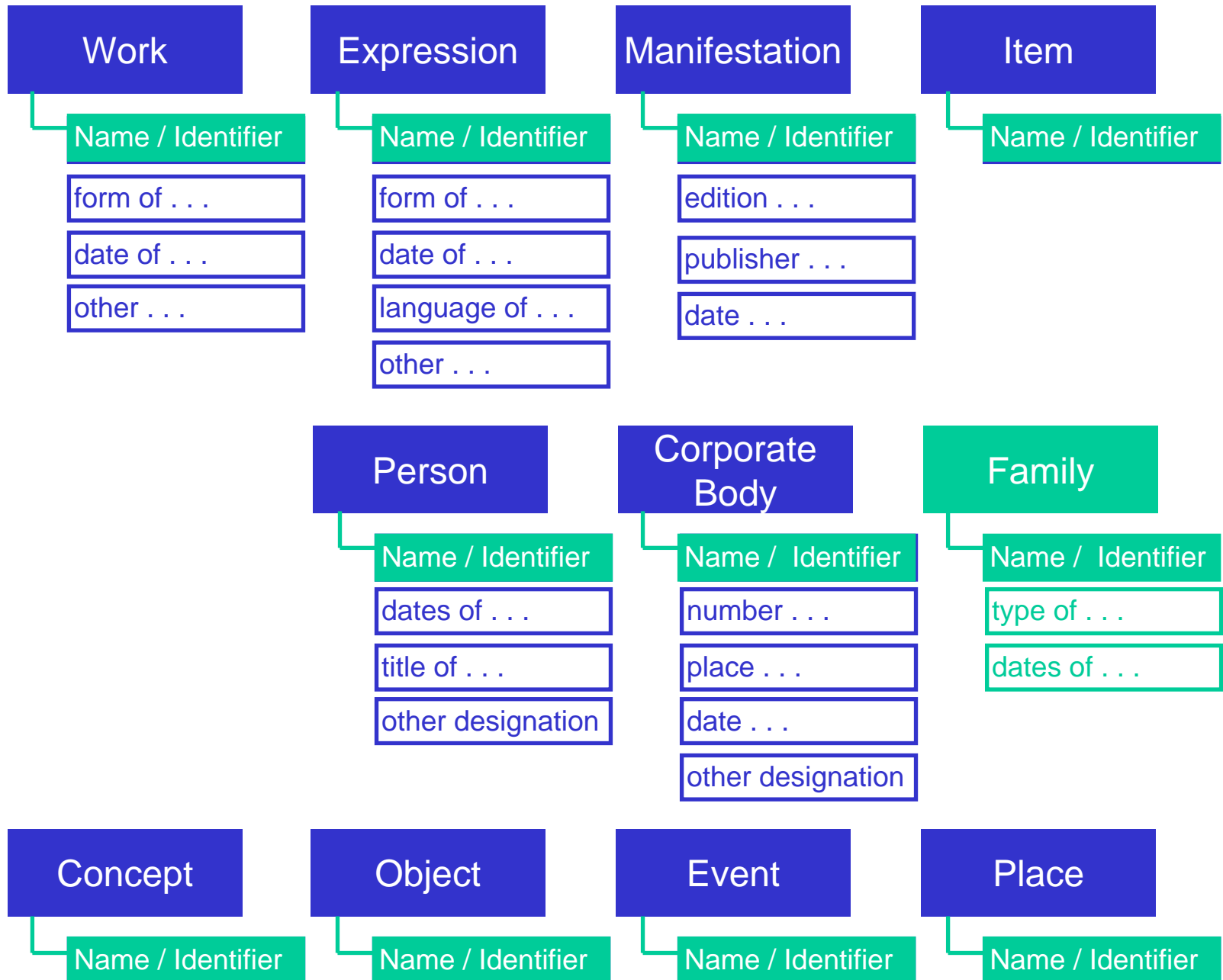
CONTEXT



Reviewing the repertoire of attributes

- attributes reflected in access points
- supplementary attributes recorded in authority records





Name

forename

surname

number

title/term of . . .

other part of . . .

corporate name

trade name

title

scope of usage

dates of usage

language

script

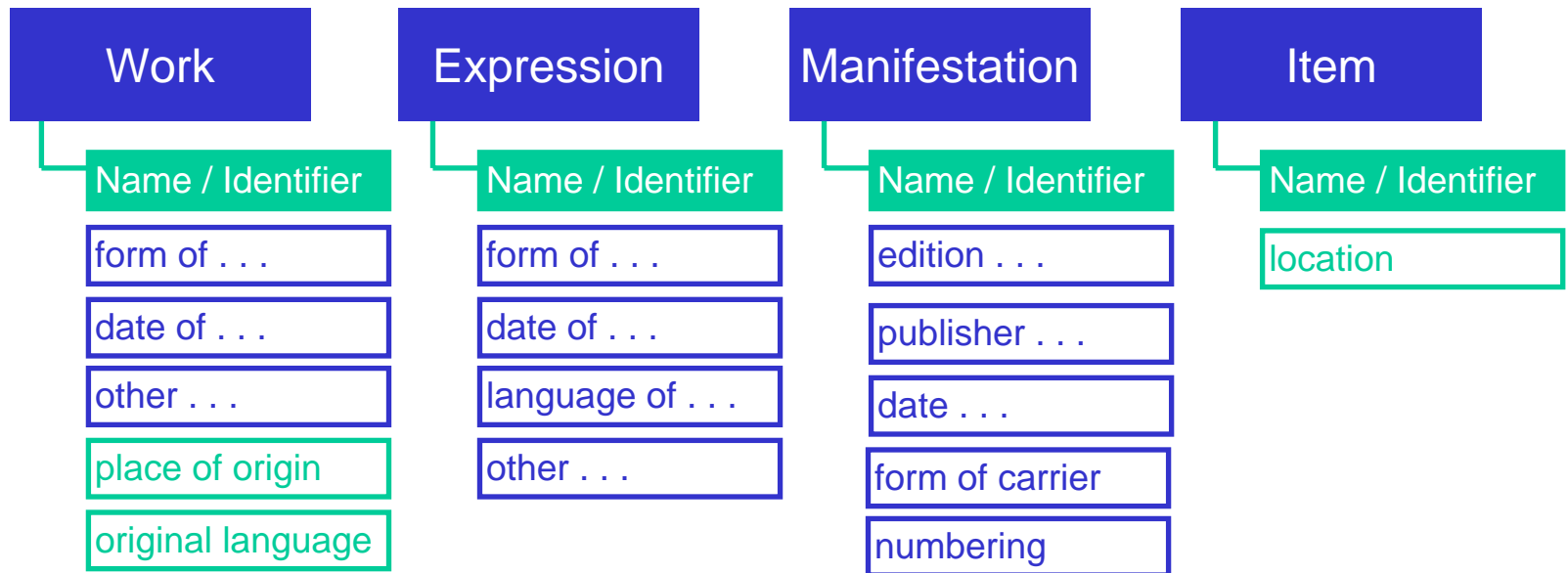
transliteration

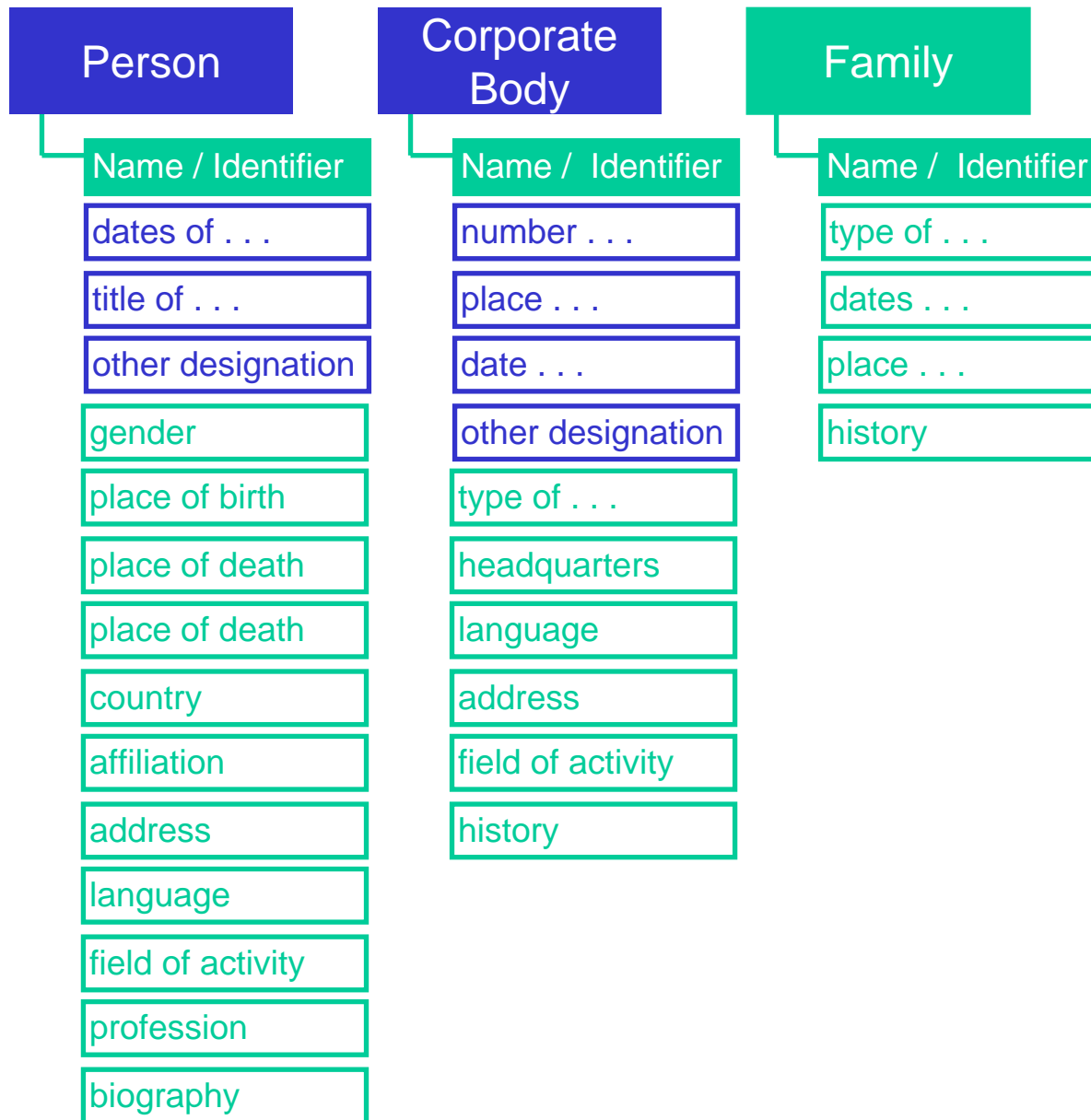
Identifier

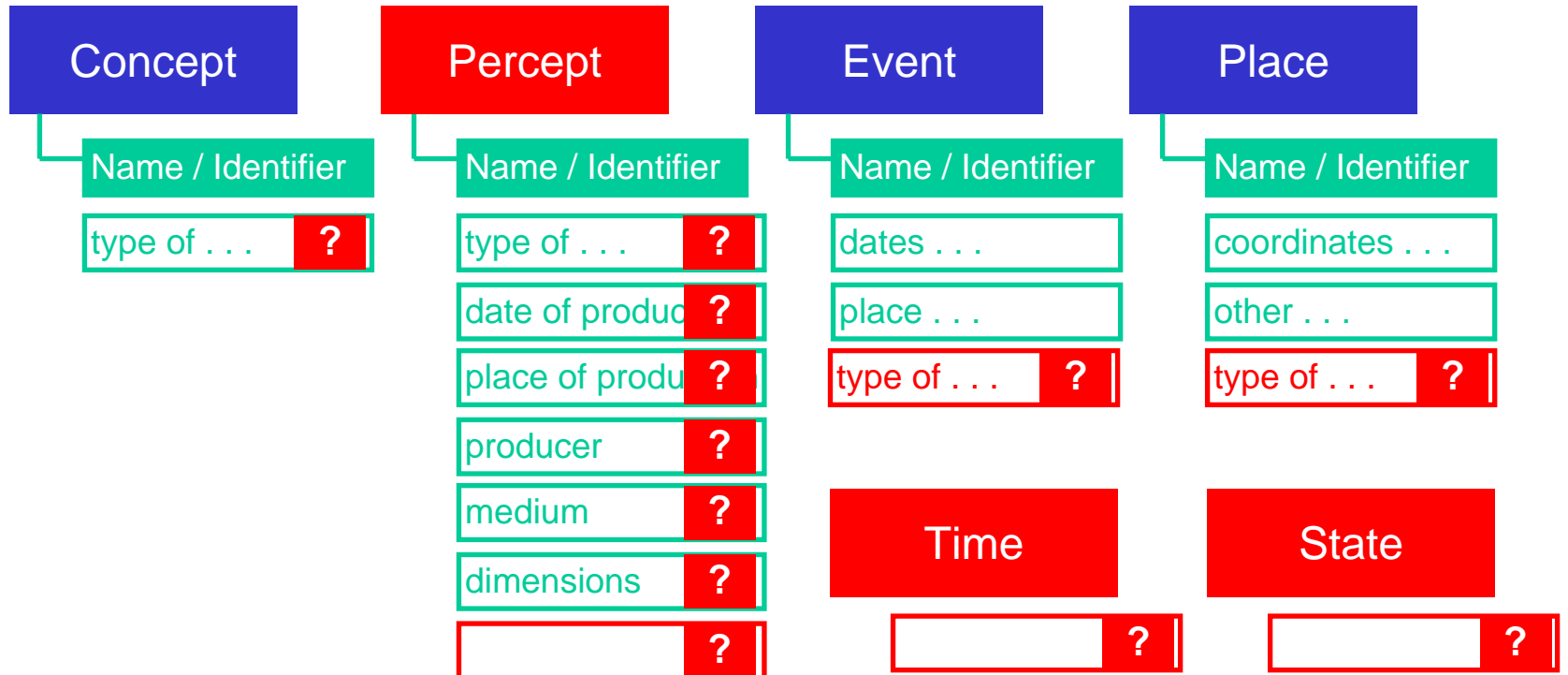
type

ID string

suffix



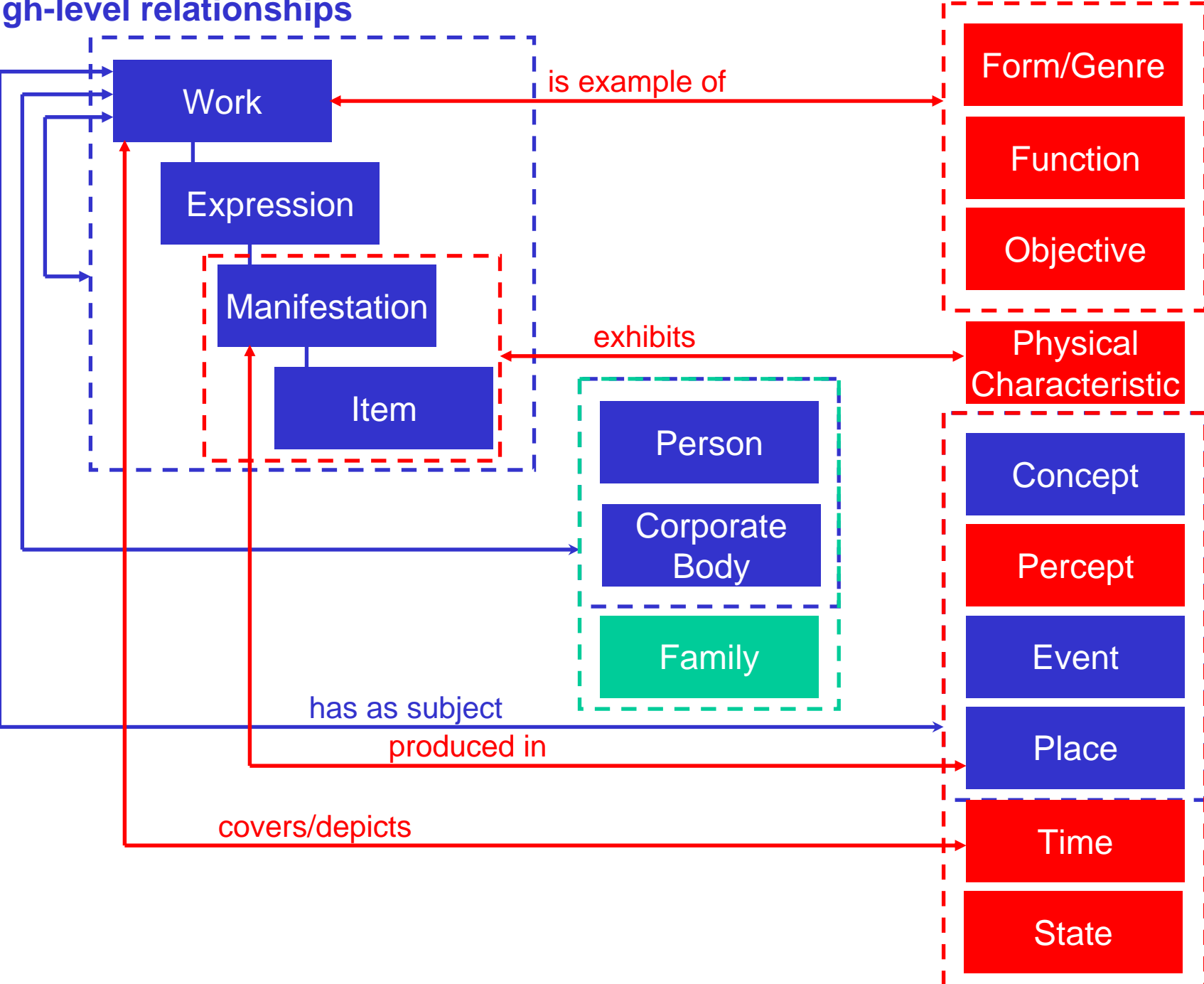




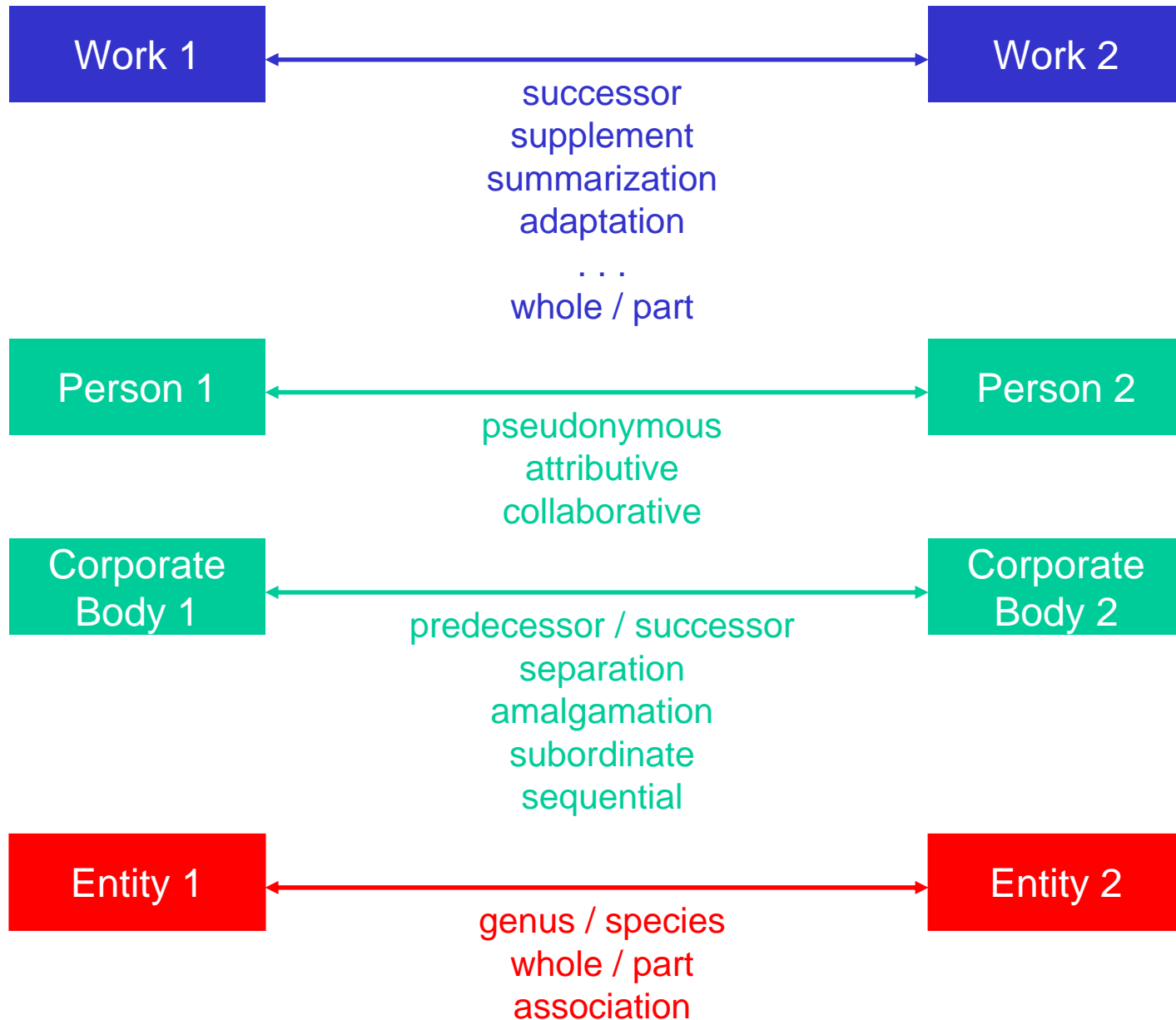
Extending the relationships

- high-level relationships
- relationships between specific instances of entities
- syntactic relationships

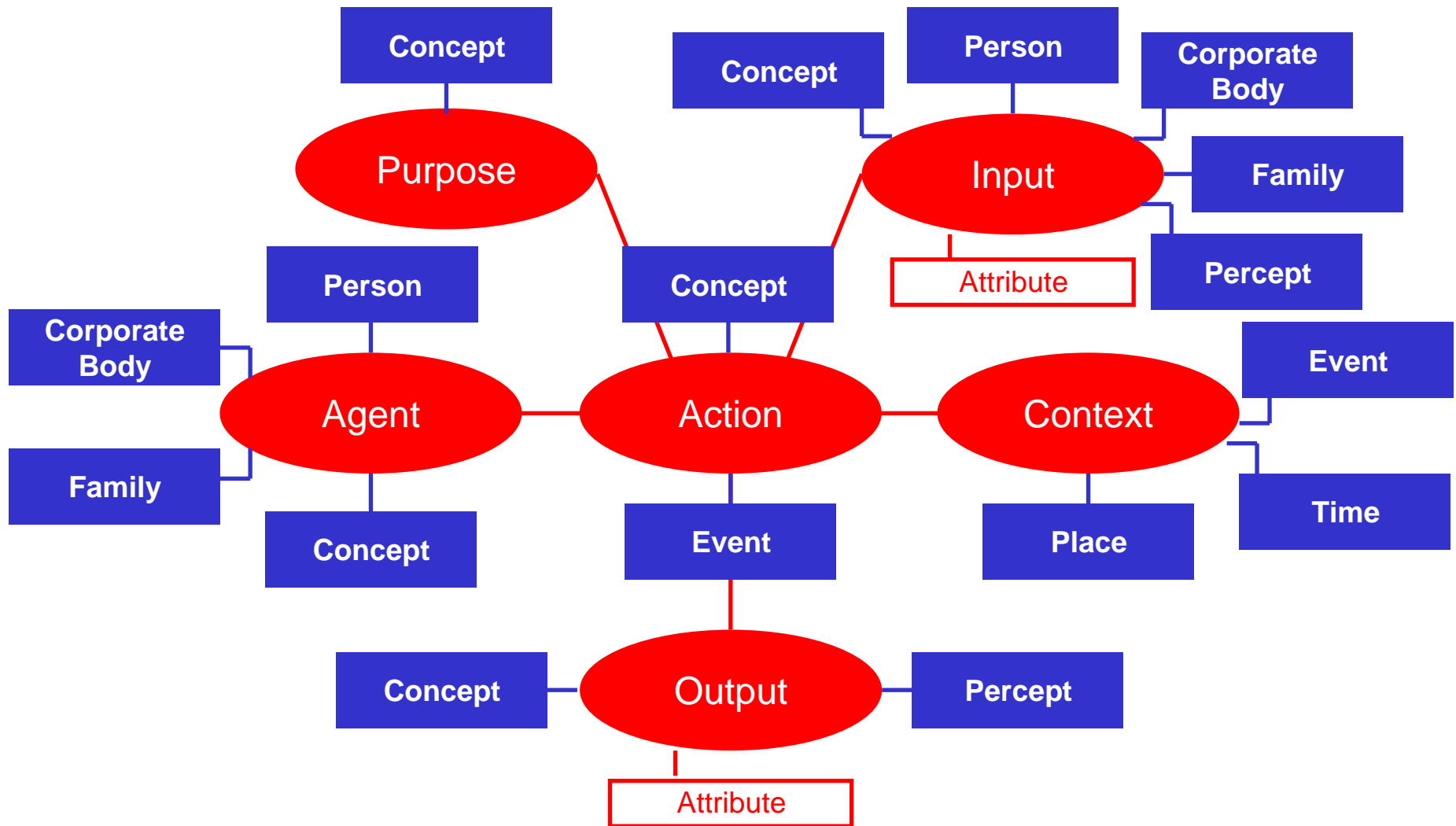
High-level relationships



Relationships between specific instances on entities



Syntactic relationships



Examples

PRECIS string	renovation	—	houses	—	developers	—	Darmstadt
PRECIS role	[action]		[object]		[agent]		[location]
Entity	Concept		Concept		Concept		Place
Role	(action)		(input/output)		(agent)		(context)
AAT string	Romanesque	—	stone	—	churches	—	renovation
AAT facet	[style]		[material]		[object]		[activity]
Entity	Concept		Concept		Concept		Concept
Role	(input/output)		(input/output)		(input/output)		(action)

Summing up

- Redefinition of FRBR entities
 - object \Rightarrow percept
 - event \Leftrightarrow time
- Definition of entities for quasi-subjects
 - form / genre / function / objective / physical characteristic
- Reconsideration of attributes
 - type of concept / type of percept
 - additional attributes of concept / percept / time / state
- Extension of relationships
 - quasi-subjects (covers / produced in / example of / exhibits)
 - hierarchical / associative
 - syntactic