## **Agent** (agency) GoalOrientedAgent **IntelligentAgent** GoalDirectedAgent KnowledgeBasedAgent **Rational**Agent Interlocutor KnowledgeBase Person Self (was "ReferenceToSelf") Collective MereotopologicalCollective **SemioticCollective Articulation** (sign) Literal (was "CollectiveLiteral") IRI **ConceptualIRI ContextualIRI IndividualIRI RelationalIRI ModalIRI** <del>Lexeme</del> **Mathematical**Operator Unit (quantity) (was "MeasurementUnit") Name **MaterialIdentifier Uniqueldentifier Number** Utterance (was "CollectiveUtterance") Conventional **Term** (quantity) Value QuantityValue Variable Property **Digital**Articulation **DataItem** Dyad **Equality** (quantity) (was "EqualityArticulation") **Assignment** Triple **Dataset DigitalConventional Assignment** (quantity) **Query** (topic) **Plurality** (sign) **TopicalSum** (topic)

**Proposition** (DOLCE Lite)

**Claim** (sign)

## KnowledgeClaim (epistemic)

Conceptual Knowledge Claim Negative Knowledge Claim Property Claim

ModelPropertyClaim PhysicalPropertyClaim

OwnClaim ValidityClaim

> ProofBasedValidityClaim ReproducibilityClaim TestBasedValidityClaim

Ground

**Assessment** (epistemic)

**BasicGround** 

**Intention** (agency)

<del>OptimizationProblem</del>

Rule

<del>Law</del>

AbsoluteLaw QualifiedLaw

**Topical** (topic)

Question

ResearchQuestion

**TopicalProduct** 

**Structure** (sign)

<del>ltem</del>

Process

**Action** (agency)

PurposefulAction

ExpressiveAct

**Cognition** (semiotics)

**Cognitive**Action

CognitiveChain

GroundingChain CognitiveWorkflow

> ExperimentalWorkflow SimulationWorkflow

CognitiveStep

CognitiveRupture Presupposition TriadicCognition

GroundingStep
SemanticChange

Metonymization

**Semiosis** 

Interpretation Perception Telesis

Communication

**GroundedCognition**