OntoMetrics

Results

OntologyID: Optional.of(http://www.w3.org/2006/time)

Base metrics   more details   Hide

Axioms:	198
Logical axioms count:	128
Class count:	13
Total classes count:	13
Object property count:	24
Total object properties count:	24
Data property count:	17
Total data properties count:	17
Properties count:	41

Individual count: 14
Total individuals count: 14
DL expressivity: SHOIN(D)

Class axioms   **more details**   Hide

SubClassOf axioms count: 33
Equivalent classes axioms count: 3
Disjoint classes axioms count: 1
GCICount: 0
HiddenGCICount: 0

Object property axioms   **more details**   Hide

SubObjectPropertyOf axioms count: 1
Equivalent object properties axioms count: 0
Inverse object properties axioms count: 7
Disjoint object properties axioms count: 0
Functional object properties axioms count: 0
Inverse functional object properties axioms count: 0
Transitive object property axioms count: 1
Symmetric object property axioms count: 0
Asymmetric object property axioms count: 0
Reflexive object property axioms count: 0
Irreflexive object property axioms count: 0
Object property domain axioms count: 17
Object property range axioms count: 17
SubPropertyChainOf axioms count: 0

Data property axioms   more details   Hide

SubDataPropertyOf axioms count: 0
Equivalent data properties axioms count: 0
Disjoint data properties axioms count: 0
Functional data property axioms count: 0
Data property domain axioms count: 17
Data Property range axioms count: 17

Individual axioms   more details   Hide

Class assertion axioms count: 14
Object property assertion axioms count: 0
Data property assertion axioms count: 0
Negative object property assertion axioms count: 0
Negative data property assertion axioms count: 0
Same individuals axioms count: 0
Different individuals axioms count: 0

Annotation axioms   more details   Hide

Annotation axioms count: 2
Annotation assertion axioms count: 0
Annotation property domain axioms count: 0
Annotation property range axioms count: 0

Schema metrics   more details   Hide

    Attribute richness: 1.307692
    Inheritance richness: 2.538462
    Relationship richness: 0.459016
    Attribute class ratio: 0.0
    Equivalence ratio: 0.230769
    Axiom/class ratio: 15.230769
    Inverse relations ratio: 0.291667
    Class/relation ratio: 0.213115

Knowledgebase metrics   more details   Hide

    Average population: 1.076923
    Class richness: 0.153846

Class metrics   more details   Hide

To see the calculated class metric results, please click on the class you want to see in the list below.

☑ Class labels only

```
DateTimeDescription  ▲
DateTimeInterval
DayOfWeek
DurationDescription
Instant
Interval
January
ProperInterval
TemporalEntity
TemporalUnit         ▼
```

Class connectivity: 0
Class fulness: 0.0
Class importance: 0.0
Class inheritance richness: 13.0
Class readability: 0
Class relationship richness: 0
Class children count: 1
Class instances count: 0
Class properties count: 0

Graph metrics   **more details**   Hide

Absolute root cardinality: 5
Absolute leaf cardinality: 6
Absolute sibling cardinality: 9
Absolute depth: 16
Average depth: 1.777778
Maximal depth: 4
Absolute breadth: 9
Average breadth: 2.25
Maximal breadth: 5
Ratio of leaf fan-outness: 0.461538
Ratio of sibling fan-outness: 0.692308
Tangledness: 0.0
Total number of paths: 9
Average number of paths: 2.25

View Result as XML

[View XML]

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