OntoMetrics

Results

OntologyID: Optional.of(http://www.meteck.org/teaching/ontologies/AfricanWildlifeOntology1.owl)

Base metrics   more details   Hide

Axioms:	108
Logical axioms count:	56
Class count:	31
Total classes count:	31
Object property count:	5
Total object properties count:	5
Data property count:	0
Total data properties count:	0
Properties count:	5

Individual count: 0
Total individuals count: 0
DL expressivity: SRI

Class axioms   __more details__   [Hide](#)

SubClassOf axioms count: 38
Equivalent classes axioms count: 3
Disjoint classes axioms count: 7
GCICount: 0
HiddenGCICount: 3

Object property axioms   __more details__   [Hide](#)

SubObjectPropertyOf axioms count: 1
Equivalent object properties axioms count: 0
Inverse object properties axioms count: 2
Disjoint object properties axioms count: 0
Functional object properties axioms count: 0
Inverse functional object properties axioms count: 0
Transitive object property axioms count: 2
Symmetric object property axioms count: 0
Asymmetric object property axioms count: 0
Reflexive object property axioms count: 1
Irreflexive object property axioms count: 1
Object property domain axioms count: 0
Object property range axioms count: 1
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: 0
Data Property range axioms count: 0

Individual axioms   more details   Hide

Class assertion axioms count: 0
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: 3
Annotation assertion axioms count: 15
Annotation property domain axioms count: 0
Annotation property range axioms count: 0

Schema metrics   **more details**   [Hide](#)

Attribute richness: 0.0
Inheritance richness: 1.225806
Relationship richness: 0.283019
Attribute class ratio: 0.0
Equivalence ratio: 0.096774
Axiom/class ratio: 3.483871
Inverse relations ratio: 0.4
Class/relation ratio: 0.584906

Knowledgebase metrics   **more details**   [Hide](#)

Average population: 0.0
Class richness: 0.0

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

Grass
Impala
Omnivore
Palmtree
Phloem
PlantParts
RockDassie
Root
Stem
Twig

Class connectivity: 0
Class fulness: 0.0
Class importance: 0.0
Class inheritance richness: 31.0
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: 24
Absolute sibling cardinality: 31
Absolute depth: 72
Average depth: 2.322581
Maximal depth: 4
Absolute breadth: 31
Average breadth: 3.875
Maximal breadth: 8
Ratio of leaf fan-outness: 0.774194
Ratio of sibling fan-outness: 1.0
Tangledness: 0.354839
Total number of paths: 31
Average number of paths: 7.75

View Result as XML

View XML

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