

Cheat Sheet RDF, RDFS, OWL

RDF	Instance	<code>rdf:Description</code>
	Instance relation	<code>rdf:type</code>
RDFS	Subclass relation	<code>rdfs:subClassOf</code>
	Domain of a property	<code>rdfs:domain</code>
	Range of a property	<code>rdfs:range</code>
	Subproperty	<code>rdfs:subPropertyOf</code>
OWL – Concepts	Top concept	<code>owl:Thing</code>
	Empty concept	<code>owl:Nothing</code>
	Ontology concept	<code>owl:Class</code>
	Class equivalence	<code>owl:equivalentClass</code>
	Class disjointness	<code>owl:disjointWith</code>
	Class intersection	<code>owl:intersectionOf</code>
	Class union	<code>owl:unionOf</code>
OWL – Properties	Class negation	<code>owl:complementOf</code>
	Data property	<code>owl:DatatypeProperty</code>
	Object property	<code>owl:ObjectProperty</code>
	Property equivalence	<code>owl:equivalentProperty</code>
OWL – Individuals	Inverse property	<code>owl:inverseOf</code>
	Instances equivalence	<code>owl:sameIndividualAs</code>
OWL – Restrictions	Instances difference	<code>owl:differentFrom</code>
	Restriction	<code>owl:Restriction</code>
	Restriction property	<code>owl:onProperty</code>
	Existential quantifier	<code>owl:someValuesFrom</code>
	Universal quantifier	<code>owl:allValuesFrom</code>
	Specific value	<code>owl:hasValue</code>
	Minimum cardinality	<code>owl:minCardinality</code>
	Maximum cardinality	<code>owl:maxCardinality</code>
Cardinality	<code>owl:cardinality</code>	

You may assume that the following namespaces are defined for any piece of Turtle, XML or SPARQL you write:

	Prefix	Namespace URL
XMLSchema	<code>xsd</code>	<code>http://www.w3.org/2001/XMLSchema#</code>
RDF	<code>rdf</code>	<code>http://www.w3.org/1999/02/22-rdf-syntax-ns#</code>
RDFS	<code>rdfs</code>	<code>http://www.w3.org/2000/01/rdf-schema#</code>
OWL	<code>owl</code>	<code>http://www.w3.org/2002/07/owl#</code>
Example	<code>ex</code>	<code>http://www.example.org/#</code>