# RDF Datamodel Extension for SemanticProxy

xmlns:rwps=“http://www.example.de/semanticproxy/vocab/“

xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"

## Network triples

Subject: <http://www.example.de/semanticproxy/repo>

Document: [http://www.example.de/semanticproxy/repo](http://www.example.de/semanticproxy/wps/wps1#concept)

|  |  |  |
| --- | --- | --- |
| **Predicate/Property** | **Card.** | **Object** |
| rdf:type | 1 | rwps:network |
| rwps:domain | 1 | Literal |
| rwps:owner | 1 | Literal |
| rwps:wps | 0..\* | Resource |
| … |  |  |

## WPS triples

Subject: <http://www.example.de/semanticproxy/repo/wps/wps1#concept>

Document: <http://www.example.de/semanticproxy/repo/wps/wps1>

|  |  |  |
| --- | --- | --- |
| **Predicate/Property** | **Card.** | **Object** |
| rdf:type | 1 | rwps:#wps |
| rwps:endpoint | 1 | Literal |
| rwps:process | 0..\* | Resource |

## Process triples

Subject: <http://www.example.de/semanticproxy/repo/processes/p1#concept>

Document: <http://www.example.de/semanticproxy/repo/processes/p1>

|  |  |  |
| --- | --- | --- |
| **Predicate/Property** | **Card.** | **Object** |
| rdf:type | 1 | rwps:#process |
| rwps:identifier | 1 | Literal |
| rwps:title | 1 | Literal |
| rwps:abstract | 0..1 | Litaral |
| rwps:metadata | 0..\* | Literal |
| rwps:profile | 0..\* | Literal (uri) |
| rwps:wsdl | 0..1 | Literal (unspec./uri?) |
| rwps:processversion | 1 | Literal (string) |
| rwps:storesupported | 1 | Literal |
| rwps:statussupported | 1 | Literal |
| rwps:datainput | 0..\* | Resource |
| rwps:processoutput | 0..\* | Resource |
| rwps:wps | 1 | Resource |

## Vocabulary

Document: <http://www.example.de/semanticproxy/vocab>#

|  |  |  |
| --- | --- | --- |
| **Subject** | **Predicate/Property** | **Object** |
|  |  |  |
| *Predicates* |  |  |
| wps | rdfs:label | Literal |
| process | rdfs:label | Literal |
| domain | rdfs:label | Literal |
| owner | rdfs:label | Literal |
| endpoint | rdfs:label | Litaral |
| identifier | rdfs:label | Litaral |
| title | rdfs:label | Litaral |
| abstract | rdfs:label | Literal |
| metadata | rdfs:label | Literal |
| profile | rdfs:label | Literal |
| wsdl | rdfs:label | Literal |
| processversion | rdfs:label | Literal |
| storesupported | rdfs:label | Literal |
| statussupported | rdfs:label | Literal |
| input | rdfs:label | Literal |
| output | rdfs:label | Literal |
| inputformchoice | rdfs:label | Literal |
| outputformchoice | rdfs:label | Literal |
|  |  |  |
| *Types* |  |  |
| wpsclass | rdf:type | rdfs:Class |
|  | rdfs:label | Literal |
| processclass | rdf:type | rdfs:Class |
|  | rdfs:label | Litaral |
| datainputclass | rdf:type | rdfs:Class |
|  | rdfs:label | Literal |
| processoutputclass | rdf:type | rdfs:Class |
|  | rdfs:label | Literal |
| complexdataclass | rdf:type | rdfs:Class |
|  | rdfs:label | Literal |
| literaldataclass | rdf:type | rdfs:Class |
|  | rdfs:label | Literal |
| boundingboxdataclass | rdf:type | rdfs:Class |
|  | rdfs:label | Literal |