

owl:Ontology

Top level of OWL ontology for services. Part of the OWL-S ontology; see <http://www.daml.org/services/>.

- (17) owl: <http://www.w3.org/2002/07/owl#>
(76) owls: <http://www.daml.org/services/owl-s/1.2/Service.owl#>

rdf:type

rdfs:comment

<http://www.daml.org/services/owl-s/1.2/Service.owl>

owl:versionInfo

\$Id: Service.owl,v 1.25 2005/05/18 21:45:19 martin Exp \$

owls:Service See comments above

A service has 0 or 1 models. (But note that a service with 0 models does not provide automated online access; it exists only for discovery purposes; that is, it exists so as to provide a Profile.)

There are no cardinality restrictions on this property.

owls:presents

owls:presentedBy

rdfs:range

owls:ServiceProfile See comments above

There are no cardinality restrictions on this property.

owls:describedBy

owls:describes

rdfs:range

[max 1 on owls:describedBy]

owls:ServiceModel See comments above

There are no cardinality restrictions on this property. That is, the same service model can be used by many different services.

OWL-S is completely agnostic at present about what kind of thing provides a service (hence, no domain declared here).

owls:providedBy

owls:provides

owls:supports

owls:supportedBy

rdfs:range

owls:ServiceGrounding See comments above

[exactly 1 on owls:supportedBy]

A Grounding must be associated with exactly one service. (Also, that service must have a model – but that constraint isn't expressed here.)



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2011 Jul 24