Submissions:Observation

From Odp

If you are a member of quality committee please visit the

evaluation section (http://ontologydesignpatterns.org/wiki/index.php?title=Submissions:Observa

If you are author of this proposal or you want to contribute to this pattern's review, you can:



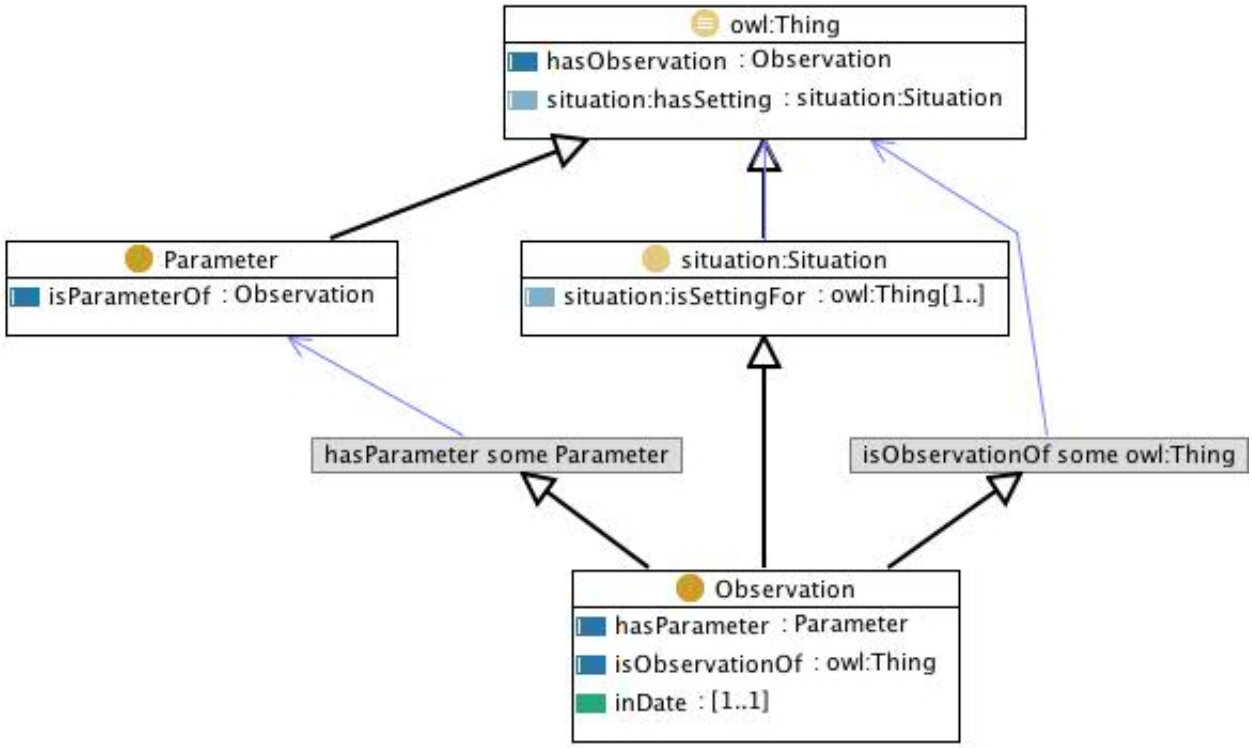
- ask for a review (http://ontologydesignpatterns.org/wiki/index.php?title=Submissions:Observation&&action=evaluation)
- post your open review
- specify if this revision takes in account any of the review(s) (http://ontologydesignpatterns.org/wiki/Special:EditData/Takes_in_account_Review_Form
- add a new scenario for Observation

In general, it could be useful to visit the evaluation section (http://ontologydesignpatterns.org/wi title=Submissions:Observation&&action=evaluation) to have information about the evaluation p

Current revision ID: **9107**

Graphical representation

Diagram



General description

Name:	Observation
Submitted by:	EvaBlomqvist
Also Known As:	
Intent:	The intent of this pattern is to represent observations of things, under a set of parameters. Common parameters may be the time and place of the observation, but may be any feature that is observed concerning the specific thing being observed.
Domains:	General, Science
Competency Questions:	▪ What objects have been observed? What are the observations of this object? What are the parameters under which this object was observed? What objects were observed under this parameter?
Solution description:	...
Reusable OWL Building Block:	http://www.ontologydesignpatterns.org/cp/owl/observation.owl (188)
Consequences:	We are able to represent the parameters of observations made.
Scenarios:	The aquatic species 'Skipjack tuna' was observed in 2004 having the exploitation state

'fully exploited' in the climatic zone 'tropical' at the vertical distance 'pelagic'.

Known Uses:	
Web References:	
Other References:	
Examples (OWL files):	
Extracted From:	
Reengineered From:	
Has Components:	
Specialization Of:	▪ Submissions:Situation
Related CPs:	

Elements

*The **Observation** Content OP locally defines the following ontology elements:*

hasObservation (owl:ObjectProperty) *hasObservation page*

hasParameter (owl:ObjectProperty) *hasParameter page*

isObservationOf (owl:ObjectProperty) *isObservationOf page*

isParameterOf (owl:ObjectProperty) *isParameterOf page*

inDate (owl:DatatypeProperty) *inDate page*

Observation (owl:Class) A specific situation where some thing is observed with respect ot a set of parameters. *Observation page*

Parameter (owl:Class) The parameters of an observation describe the context and content of the observation. For example in a medical context an observation of a patient may contain a set of symptoms, that are the parameters of that observation. *Parameter page*

Additional information

(type): http://www.w3.org/2002/07/owl#Ontology

(versionInfo): 1.0

(versionInfo): Created by Eva Blomqvist

(imports): http://www.ontologydesignpatterns.org/cp/owl/situation.owl

Scenarios

Scenarios about Observation

No scenario is added to this Content OP.

Reviews

Reviews about Observation

There is no review about this proposal. This revision (revision ID **9107**) takes in account the reviews: none

Other info at evaluation tab (http://ontologydesignpatterns.org/wiki/index.php?title=Submissions:Observation&action=evaluation)

Modeling issues

Modeling issues about Observation

There is no Modeling issue related to this proposal.

References

Add a reference (http://ontologydesignpatterns.org/wiki/index.php?title=Odp:Add_reference&subject=Submissions%3AObservation)

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Category: ProposedContentOP

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