Hackathon Project: Ontohub consolidation

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Ontohub

Ontohub: web-based repository engine for distributed heterogeneous (multi-language) ontologies

- prototype available at ontohub org
- mid-term goal: follow the OOR architecture and API

Current status:

- Mirrors of important repositories: BioPortal, Tones, COLORE, CoCOP
- used as repository for the FOIS competition
- used as tool for OMG standard OntolOp/DOL (see ontoiop.org)
- central new feature: git integration
 - git versioning available
 - any git client and the web front-end can be use in parallel

Results of Hackathon

- 10 participants (9 local, 1 remote who was new to Ontohub!)
- Consolidation of Ontohub
- Closed the "FOIS competition" milestone

Resources

- Web portal at ontohub.org
- issue tracker at github.org/ontohub/ontohub/issues
- Wiki at wiki.ontohub.org



Repositories

20 repositories currently available

Ontohub BETA

Create Repository



CASL basic libraries CASL basic libraries, see http://www.cofi.info The CASL basic libraries have been developed with two main purposes in mind: on the one hand, they provide the user with a handy set of off-the-shelf specifications to be used as building blocks in the same way as library functions in a programming language, thus avoiding continuous reinvention of the wheel. On the other hand, they serve as a large reservoir of example specifications that illustrate both the use of CASL at the level of basic and structured specifications. The basic libraries are part of the CASL reference manual.

- coinvent_meeting
- CoinventTechRepo For tech experiments in the Coinvent project. This will contain a lot of test cases and auto-generated dross.
 Not really for human consumption!
- COLORE Mirror of the Common Logic Repository at http://colore.oor.net
- acolore4 test, COLORE with only algebra, magma and ringoid

Conceptportal Conceptportal is a repository for the collection of micro concepts that will be used for blending experiments within the EU FP7 project COINVENT. This theory repository will be also populated with (common sense) ontologies in particular from the mathematics and music domains that shall be used to support and enrich the blending process.

Bioportal

Overview

Ontologies

File browser

History

Settings

File browser

In this page, you have direct access to the file system where the repository is stored. Below is the list of files in the current directory, independent of whether they contain ontologies or not. In order to find a particular file, you can navigate through the file system.

Amphibian Gross Anatomy Ontology

Amphibian Gross Anatomy Ontology

AAO.obo

ABA-AMB.owl

Allen Brain Atlas (ABA) Adult Mouse Brain Ontology

ACGT-MO.owl

Alzheimer's disease ontology

ADO.owl

Unnamed

Acat-mo 4

Bioportal

ADW.owl

File browser Overview Ontologies

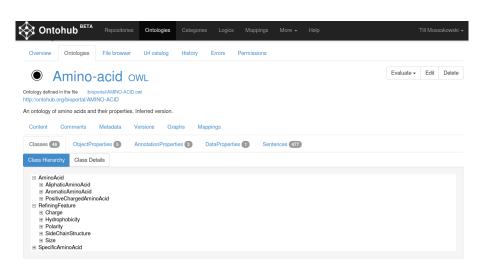
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Colore / ontologies		Upload file	History of this directory
	■ algebra		
	approximate_point		
	■ arithmetic		
	■ between		
	between_quaternary		
	betweenness_bundle		
	bipartite_incidence		
	■ boxworld		
	■ cardworld		
	■ cimosa		
	combinatorial_magma		
	■ combined_time		
	commonsense_psychology		
	■ contact_algebras		
	cyclic arithmetic		



Colore

Overview Ontologies File browser History Settings

History

The version history of this repository is maintained by the Git version control system. Below you have access to the history of changes committed to this repository as well as to any particular past version of it.

0.0000



18.12.2013

fixed typo [carmenschui@gmail.com authored 4 months ago] 2c29959 26.11.2013 updated software measurement ontology files [carmenschui@gmail.com authored 5 months ago] 867a437 > Browse Files 25.11.2013 updated kif to clif translation of standard-units and... [carmenschui@gmail.com authored 5 months ago] dfed815 new theories in bipartite incidence [michael.gruninger authored 5 months ago] 811c923 new theories in incidence bundle [michael.gruninger authored 5 months ago] b82f830 new theories in incidence foliation [michael.gruninger authored 5 months ago] > Browse File 98532b1

History

Settinas

File browser

In this page, you have direct access to the file system where the repository is stored. Below are the contents of the file presented as text as well as its path relative to the repository home directory. If you want to see the contents of this file as ontologies, click on the ontology links above the text box.

Colore / ontologies / algebra / vectorspace.clif

Update file

Download file History of this file

ontologies/algebra/vectorspace.clif Edit mode

(cl-text http://colore.oor.net/algebra/vectorspace.clif (cl-imports http://colore.oor.net/ringoids/field.clif) (cl-imports http://colore.oor.net/magma/abelian group.clif) (forall (r x v) (= (mult r (op x y)) (op (mult r x) (mult r y)))) (forall (r s x) (= (mult (sum r s) x) (op (mult r x) (mult s x)))) (forall (r s x) (= (mult (prod r s) x) (mult r (mult s x)))) 16 (forall (x) (= x (mult one x))) 19)

You are now in editing mode and may change the text directly in the text area on the left. To save the changes, simply add a brief description as a commit message and click the commit button below.

If someone else is editing the same file simultaneously only one of the changes will be saved.





Categories

Categories

Ontohub BETA

Click on a category to list the contained ontologies.

- Arts and humanities (1)
- Business administration and law (0)
- ⊞ Education (0)
- Engineering manufacturing and construction (7)
- Health and welfare (108)
- □ Natural science mathematics and statistics (182)
 - ⊞ Biology broad (168)

 - Mathematics and statistics (2)

- Space Time and Process (87)