

Resource Summary Report

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OntoMorph Tab

RRID:SCR_000443

Type: Tool

Proper Citation

OntoMorph Tab (RRID:SCR_000443)

Resource Information

URL: <http://code.google.com/p/ontomorphtab/>

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Description: OntoMorph is a tab plugin for Protege-OWL 3 that allows a user to mark-up portions of a Neurolucida neuron morphology with OWL instances. A user loads a Neurolucida morphology file, either from their hard drive or from an arbitrary URL, into an interface that allows them to zoom, rotate, and translate the morphology. The interface allows them to select points on the morphology to indicate points, segments, or subtrees of the morphology they wish to assign to an OWL instance. After this selection has been made, OntoMorph saves the selection to the currently active OWL instance in the ontology that is currently loaded into Protege. No modifications are made to the Neurolucida file itself. As a result, an association is created between that portion of the morphology and the OWL instance, such that selecting the OWL instance allows retrieval of the portion. Upon retrieval, the morphology portion can be highlighted, so the user can keep track of what pieces each instance refer to.

Synonyms: OntoMorph

Resource Type: software resource, software application, data analysis software, data processing software

Keywords: annotation, java, morphology, neurolucida, neuron, neuroscience, plugin, protege, software, ontology, owl

Availability: Free, Available for download, Freely available

Resource Name: OntoMorph Tab

Resource ID: SCR_000443

Alternate IDs: nif-0000-24916

Record Creation Time: 20220129T080201+0000

Record Last Update: 20260808T185721+0000

Ratings and Alerts

No rating or validation information has been found for OntoMorph Tab.

No alerts have been found for OntoMorph Tab.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.