Resource Summary Report

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BEADL:BEhavioral tAsk Description Language

RRID:SCR_025464
Type: Tool

Proper Citation

BEADL:BEhavioral tAsk Description Language (RRID:SCR_025464)

Resource Information

URL: https://beadl.org

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Description: Universal framework for describing behavioral tasks. Language to abstract and standardize behavioral task descriptions on two layers. Graphical layer specifies elements to describe behavioral tasks as state machine in formal flow diagram and how task controlling system interacts with subject. This graphical layer has been designed to be easy to understand while retaining all aspects of behavioral task. The second layer is corresponding, XML-based description of task. This layer forms rigid, yet extensible foundation of BEADL and hides hardware implementation related details form graphical representation.BEADL-specific extension for Neurodata Without Borders data standard defines how behavioral outcomes of task are stored in NWB including corresponding BEADL task description.

Abbreviations: BEADL

Synonyms: BEhavioral tAsk Description Language

Resource Type: narrative resource, data or information resource, standard specification

Keywords: Language to abstract and standardize behavioral task descriptions, two layers, graphical layer specifies elements, describe behavioral tasks as state machine, formal flow diagram, behavioral task

Funding: NIMH RF1MH120034;
NeuroNex NSF

Availability: Free, Freely available,

Resource Name: BEADL:BEhavioral tAsk Description Language

Resource ID: SCR_025464

Record Creation Time: 20240713T053254+0000

Record Last Update: 20260801T191328+0000

Ratings and Alerts

No rating or validation information has been found for BEADL:BEhavioral tAsk Description Language.

No alerts have been found for BEADL:BEhavioral tAsk Description Language.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Pierr?? A, et al. (2024) A Perspective on Neuroscience Data Standardization with Neurodata Without Borders. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(38).