

Resource Summary Report

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NeuroSys Data Management System

RRID:SCR_006268

Type: Tool

Proper Citation

NeuroSys Data Management System (RRID:SCR_006268)

Resource Information

URL: <http://yogo.msu.montana.edu/neurosys/>

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Description: The NeuroSys Data Management System is a set of software tools created to enhance the process of data annotation, analysis and web publication. The system provides a set of easy to use software tools for data sharing by the scientific community. It enables researchers to build their own custom designed data management systems. Another branch of the system provides tools for viewing anatomical and physiological data. The initial implementation of the software, simply called NeuroSys, allowed users to create XML databases. Centered on a Java-based client application, it provided a way to design and construct custom GUI screens for data entry, data query and retrieval. It also automatically created a controlled vocabulary and supported the extension and/or migration of that vocabulary to whatever standard might be chosen at a later date. Most importantly, it empowered end-users to carry out all of these operations without the expertise and expense of trained database programmers. Right now a transition is underway, converting NeuroSys into a web-based application called Yogo. Yogo will retain all of functionality of NeuroSys, while adding new features. The new features will include automated data import from laboratory devices (such as microscopes and amplifiers), and a limited scope HTML editor to make data collections available on the web. Another component of the system is MIEN, a suite of data visualization and analysis tools. MIEN is intended for viewing anatomical and physiological data, and for annotating neuronal models.

Synonyms: NeuroSys

Resource Type: software toolkit, source code, software resource

Defining Citation: [PMID:15046239](#)

Keywords: data management, data storage, software

Resource Name: NeuroSys Data Management System

Resource ID: SCR_006268

Alternate IDs: nif-0000-00028

Old URLs: <http://neurosys.cns.montana.edu>

Record Creation Time: 20220129T080235+0000

Record Last Update: 20260729T044134+0000

Ratings and Alerts

No rating or validation information has been found for NeuroSys Data Management System.

No alerts have been found for NeuroSys Data Management System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

L??tzow L, et al. (2023) The effects of an individualized smartphone-based exercise program on self-defined motor tasks in Parkinson's disease: a long-term feasibility study. Journal of patient-reported outcomes, 7(1), 106.

Hajj R, et al. (2015) Combination of acamprosate and baclofen as a promising therapeutic approach for Parkinson's disease. Scientific reports, 5, 16084.