

Resource Summary Report

Generated by PRECISE-TBI on Sep 7, 2026

HeadIT

RRID:SCR_005657

Type: Tool

Proper Citation

HeadIT (RRID:SCR_005657)

Resource Information

URL: <http://headit.ucsd.edu>

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Description: Platform for sharing, download, and re-analysis or meta-analysis of sophisticated, fully annotated, human electrophysiological data sets. It uses EEG Study Schema (ESS) files to provide task, data collection, and subject metadata, including Hierarchical Event Descriptor (HED) tag descriptions of all identified experimental events. Visospatial task data also available from, <http://sccn.ucsd.edu/eeglab/data/headit.html>: A 238-channel, single-subject EEG data set recorded at the Swartz Center, UCSD, by Arnaud Delorme, Julie Onton, and Scott Makeig is al.

Abbreviations: HeadIT

Synonyms: Human Electrophysiology Anatomic Data & Integrated Tools (HeadIT) Resource, Human Electrophysiology Anatomic Data & Integrated Tools Resource, Human Electrophysiology Anatomic Data & Integrated Tools, Human Electrophysiology Anatomic Data and Integrated Tools (HeadIT) Resource

Resource Type: data or information resource, data repository, data set, service resource, storage service resource

Keywords: electrophysiology, data sharing, eeg, visual-auditory cued attention shift paradigm, adult, early adult human, late adult human, memory task, modified sternberg working memory task, visual, auditory, auditory oddball, memory, task

Related Condition: Normal, Healthy, Others possible

Funding: NIMH R01-MH084819;
NINDS R01-NS047293

Availability: Public, Must agree to Data Use Agreement and Terms of Use., Account required for collaboration and to upload data.

Resource Name: HeadIT

Resource ID: SCR_005657

Alternate IDs: nlx_149081

Alternate URLs: <http://headit-beta.ucsd.edu/>,
<http://sccn.ucsd.edu/eeglab/data/headit.html>

Old URLs: <http://HeadIT.org>

Record Creation Time: 20220129T080231+0000

Record Last Update: 20260905T132539+0000

Ratings and Alerts

No rating or validation information has been found for HeadIT.

No alerts have been found for HeadIT.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Hsu SH, et al. (2022) Unsupervised learning of brain state dynamics during emotion imagination using high-density EEG. *NeuroImage*, 249, 118873.

Robbins K, et al. (2022) Building FAIR Functionality: Annotating Events in Time Series Data Using Hierarchical Event Descriptors (HED). *Neuroinformatics*, 20(2), 463.

Cowley BU, et al. (2018) Computational Testing for Automated Preprocessing 2: Practical Demonstration of a System for Scientific Data-Processing Workflow Management for High-Volume EEG. *Frontiers in neuroscience*, 12, 236.

Bigdely-Shamlo N, et al. (2016) Preparing Laboratory and Real-World EEG Data for Large-Scale Analysis: A Containerized Approach. *Frontiers in neuroinformatics*, 10, 7.

Bigdely-Shamlo N, et al. (2016) Hierarchical Event Descriptors (HED): Semi-Structured Tagging for Real-World Events in Large-Scale EEG. *Frontiers in neuroinformatics*, 10, 42.