Resource Summary Report

Generated by nidm-terms on Jul 29, 2026

Scalable Analytics for Brain Exploration Research

RRID:SCR_018812
Type: Tool

Proper Citation

Scalable Analytics for Brain Exploration Research (RRID:SCR_018812)

Resource Information

URL: https://github.com/aplbrain/saber

Proper Citation: Scalable Analytics for Brain Exploration Research (RRID:SCR_018812)

Description: Library of containerized tools and workflow deployment system for enabling processing of large neuroimaging datasets. Provides canonical neuroimaging workflows specified in standard workflow language (CWL), integration with workflow execution engine (Airflow), imaging database (bossDB), and parameter database (Datajoint) to deploy workflows at scale, and tools to automate deployment and optimization of neuroimaging pipelines.

Abbreviations: SABER, saber

Resource Type: software application, workflow software, software resource, data processing software, software library, software toolkit

Defining Citation: DOI:10.1101/615161v1.full

Keywords: Running containerized workflow, large neuroimaging datasets, canonical neuroimaging workflow, neuroimaging pipeline deployment, neuroimaging pipeline optimization

Funding: NIMH R24 MH114799

Availability: Free, Available for download, Freely available

Resource Name: Scalable Analytics for Brain Exploration Research

Resource ID: SCR_018812

License: Apache License 2.0

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260729T044500+0000

Ratings and Alerts

No rating or validation information has been found for Scalable Analytics for Brain Exploration Research.

No alerts have been found for Scalable Analytics for Brain Exploration Research.

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 nidm-terms .

Johnson EC, et al. (2020) Toward a scalable framework for reproducible processing of volumetric, nanoscale neuroimaging datasets. GigaScience, 9(12).