Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 22, 2025

Real-Time Experimental Control with Graphical User Interface

RRID:SCR_019008
Type: Tool

Proper Citation

Real-Time Experimental Control with Graphical User Interface (RRID:SCR_019008)

Resource Information

URL: https://github.com/rec-gui/rec-gui

Proper Citation: Real-Time Experimental Control with Graphical User Interface (RRID:SCR_019008)

Description: Software tool as open source network based parallel processing solution for performing behavioral control, high precision stimulus presentation, and high density neurophysiological measurements. Framework uses network based parallel processing to implement experimental control and synchronize devices.

Abbreviations: REC-GUI

Resource Type: software resource, software application

Defining Citation: DOI:10.7554/eLife.40231

Funding: Alfred P. Sloan Foundation ;
Whitehall Foundation ;
NIDCD DC014305;
NEI EY029438;
Greater Milwaukee Foundation

Availability: Free, Available for download, Freely available

Resource Name: Real-Time Experimental Control with Graphical User Interface

Resource ID: SCR_019008

Alternate URLs: https://recgui2018.wixsite.com/rec-gui

Record Creation Time: 20220129T080343+0000

Record Last Update: 20250421T054303+0000

Ratings and Alerts

No rating or validation information has been found for Real-Time Experimental Control with Graphical User Interface.

No alerts have been found for Real-Time Experimental Control with Graphical User Interface.

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 FDI Lab - SciCrunch.org.

Zhu Z, et al. (2024) Differential clustering of visual and choice- and saccade-related activity in macaque V3A and CIP. Journal of neurophysiology, 131(4), 709.

Thompson LW, et al. (2023) Hierarchical computation of 3D motion across macaque areas MT and FST. Cell reports, 42(12), 113524.

Doudlah R, et al. (2022) Parallel processing, hierarchical transformations, and sensorimotor associations along the 'where' pathway. eLife, 11.

Thompson LW, et al. (2021) Perspective Cues Make Eye-specific Contributions to 3-D Motion Perception. Journal of cognitive neuroscience, 34(1), 192.

Chang TY, et al. (2020) Functional links between sensory representations, choice activity, and sensorimotor associations in parietal cortex. eLife, 9.