Resource Summary Report

Generated by NIF on May 23, 2025

ModelGUI

RRID:SCR_002441
Type: Tool

Proper Citation

ModelGUI (RRID:SCR_002441)

Resource Information

URL: http://mgui.wikidot.com

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Description: An open source Java-based project intended to provide a graphic user interface (GUI) for interactions between scientists (or enthusiasts) and their data. In its current (beta) form, mgui offers the following functionality: * Cross-platform functionality (with a Java Runtime installation, runs on Linux, Windows, Mac, or Solaris) * 2D rendering of data based upon Java2D, and 3D rendering based upon Java3D * The ability to organize complex datasets into intuitive mgui projects * A processing pipeline interface which allows users to process their datasets with any available Java or native software tools * An extensible I/O framework accommodating a variety of standard and non-standard file formats * Database connectivity using JDBC * Graph visualization based upon the JUNG library * An intuitive Swing-based GUI for managing, querying, and visualizing data * Various CAD-type tools for editing and creating geometry * A computational modelling framework

Abbreviations: mgui

Resource Type: data visualization software, rendering software, data processing software, software application, software resource

Keywords: clipping, database application, domain independent, gifti, image display, java, nifti, os independent, platform, development environment, rendering, surface rendering, three dimensional display, two dimensional display, visualization, volume rendering, java

Funding:

Availability: GNU General Public License

Resource Name: ModelGUI

Resource ID: SCR_002441

Alternate IDs: nlx_155816

Alternate URLs: http://www.nitrc.org/projects/modelgui

Record Creation Time: 20220129T080213+0000

Record Last Update: 20250523T054242+0000

Ratings and Alerts

No rating or validation information has been found for ModelGUI.

No alerts have been found for ModelGUI.

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 NIF.

Wu Y, et al. (2021) Accelerated Evolution of H7N9 Subtype Influenza Virus under Vaccination Pressure. Virologica Sinica, 36(5), 1124.