

Resource Summary Report

Generated by SPARC SAWG on Sep 17, 2026

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 processing software, data visualization software, rendering 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

Availability: Free, Available for download, Freely available

Resource Name: ModelGUI

Resource ID: SCR_002441

Alternate IDs: nlx_155816

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

License: GNU General Public License

Record Creation Time: 20220129T080213+0000

Record Last Update: 20260912T195541+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 [SPARC SAWG](#) .

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