

# Resource Summary Report

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## ModelGUI

RRID:SCR\_002441

Type: Tool

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### Proper Citation

ModelGUI (RRID:SCR\_002441)

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### 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:** 20260905T132448+0000

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## Ratings and Alerts

No rating or validation information has been found for ModelGUI.

No alerts have been found for ModelGUI.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## 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.