

# Package ‘archeofrag.gui’

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**Type** Package

**Title** Spatial Analysis in Archaeology from Refitting Fragments (GUI)

**Version** 1.0.0

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**Description** A 'Shiny' application to access the functionalities and datasets of the 'archeofrag' package for spatial analysis in archaeology from refitting data. Quick and seamless exploration of archaeological refitting datasets, focusing on physical refits only. Features include: built-in documentation and convenient workflow, plot generation and exports, support of parallel computing when simulating archaeological site formation processes, R code generation to re-execute simulations and ensure reproducibility, code generation for the 'openMOLE' model exploration software. A demonstration of the app is available at <<https://analytics.huma-num.fr/Sebastien.Plutniak/archeofrag/>>.

**License** GPL-3

**Repository** CRAN

**Encoding** UTF-8

**Imports** archeofrag, dendextend, doParallel, doRNG, DT, foreach, ggplot2, grDevices, igraph, shiny, shinythemes,

**Suggests** RBGL,

**URL** <https://github.com/sebastien-plutniak/archeofrag.gui>

**BugReports** <https://github.com/sebastien-plutniak/archeofrag.gui/issues>

**NeedsCompilation** no

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**Description**

Launch the archeofrag.gui application

**Usage**

```
archeofrag.gui()
```

**Details**

This function launches the ‘archeofrag.gui’ application.

Note that the optional determination of graph planarity in the [archeofrag](#) package requires the RBGL package.

**Value**

Launch the ‘archeofrag.gui’ R Shiny application.

**Author(s)**

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**See Also**

[archeofrag](#) [frag.simul.process](#) [frag.get.parameters](#)

**Examples**

```
# launching the app:
if(interactive()){
  archeofrag.gui()
}
```

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