

Package ‘archeofrag.gui’

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Type Package

Title Spatial Analysis in Archaeology from Refitting Fragments (GUI)

Version 0.1.0

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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. Features include: exclusive focus on connection relationships (i.e. physical refits), built-in documentation and convenient workflow, plot generation and export, R code generation to re-execute the simulations in R and ensure reproducibility, support for parallel computing to speed up computation. A demonstration version 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, 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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archeofrag.gui *archeofrag.gui*

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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