Package ‘SEAHORS’

June 23, 2023

Type Package

Title Spatial Exploration of Archaeological Objects in R Shiny

Version 1.8.0

Date 2023-06-22

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Description An R 'Shiny' application dedicated to the intra-site spatial analysis of piece-plotted archaeological remains, making the two and three-dimensional spatial exploration of archaeological data as user-friendly as possible. Documentation about 'SEAHORS' is provided by the vignette included in this package and by the companion scientific paper: Royer, Discamps, Plutniak, Thomas (2023, PCI Archaeology, <doi:10.5281/zenodo.7674698>).

License GPL-3

Repository CRAN

Encoding UTF-8

LazyData true

Depends R (>= 3.5.0)

Imports shiny, shinythemes, shinyjs, shinyWidgets, ggplot2, gridExtra, dplyr, plotly, DT, MASS, readxl, raster, stringr, viridis, rmarkdown, htmlwidgets

Suggests knitr

VignetteBuilder knitr

URL https://github.com/AurelienRoyer/SEAHORS

BugReports https://github.com/AurelienRoyer/SEAHORS/issues

RoxygenNote 7.2.3

NeedsCompilation no

Date/Publication 2023-06-23 09:00:19 UTC
**R topics documented:**

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| cassenade | Dataset: remains found at the Palaeolithic Cassenade site |

**Description**

Cassenade is a Palaeolithic site, this data set include 2466 objects.

**Usage**

```r
data(cassenade)
```

**Format**

- cassenade is a 2466x12 matrix. Each line describes the objects found in the Cassenade site.

**References**


**Examples**

```r
data(cassenade)
```

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| cassenade.refits | Dataset: refitting relationships between objects found at the Palaeolithic Cassenade site |

**Description**

Cassenade is a Palaeolithic site excavated...

**Usage**

```r
data(cassenade)
```
Format

- `cassenade.refits` is a 81x10 matrix, describing the refitting relationships between objects at the Cassenade site.

References


Examples

```r
data(cassenade)
```

Description

This package is a R shiny application dedicated to the intra-site spatial analysis of piece-plotted archaeological remains, making the two and three-dimensional spatial exploration of archaeological data as user-friendly as possible.

Usage

```r
SEAHORS()
```

Details

This is a launcher function for the ‘SEAHORS’ application.

Value

Launch the ‘SEAHORS’ Shiny application.

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References

See Also
  shiny plotly ggplot2

Examples
  if(interactive())(SEAHORS())
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