

Package ‘kinesis’

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Title 'shiny' Applications for the 'tesselle' Packages

Version 0.4.0

Maintainer Nicolas Frerebeau <nicolas.frerebeau@u-bordeaux-montaigne.fr>

Description A collection of 'shiny' applications for the 'tesselle' packages <<https://www.tesselle.org/>>. This package provides applications for archaeological data analysis and visualization. These mainly, but not exclusively, include applications for chronological modelling (e.g. matrix seriation, aoristic analysis) and count data analysis (e.g. diversity measures, compositional data analysis).

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URL <https://codeberg.org/tesselle/kinesis>,
<https://packages.tesselle.org/kinesis/>,
<https://tesselle.r-universe.dev/kinesis>

BugReports <https://codeberg.org/tesselle/kinesis/issues>

Depends R (>= 4.2)

Imports aion (>= 1.7.0), ananke (>= 0.3.0), arkhe (>= 1.11.0), bslib (>= 0.11.0), config (>= 0.3.2), dimensio (>= 0.14.1), grDevices, gt (>= 1.3.0), isopleuros (>= 1.4.0), kairos (>= 2.3.0), khroma (>= 1.17.0), mirai (>= 2.7.1), nexus (>= 0.6.0), sass (>= 0.4.10), shiny (>= 1.13.0), stats, tabula (>= 3.3.2), utils

Suggests tinytest

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Author Nicolas Frerebeau [aut, cre] (ORCID: <https://orcid.org/0000-0001-5759-4944>),
Brice Lebrun [art] (ORCID: <https://orcid.org/0000-0001-7503-8685>),
Logo designer,
Université Bordeaux Montaigne [fnd] (ROR: <https://ror.org/03pbgwk21>),
CNRS [fnd] (ROR: <https://ror.org/02feahw73>)

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Contents

run_app	2
Index	4

run_app	<i>Run an App</i>
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Description

A wrapper for `shiny::shinyAppDir()`.

Usage

```
run_app(  
  app = c("diversity", "seriation", "aoristic", "mcd", "radiocarbon", "source",  
    "scatter", "ternary", "ca", "pca"),  
  options = list(launch.browser = interactive())  
)
```

Arguments

- app A **character** string specifying the **Shiny** application to run (see details). Any unambiguous substring can be given.
- options A **list** of named options that should be passed to the `shiny::shinyAppDir()` call.

Details

Application name	Keyword
Aoristic Analysis	aoristic
Correspondence Analysis	ca
Principal Components Analysis	pca
Diversity Measures	diversity
Mean Ceramic Date	mcd
Radiocarbon Calibration	radiocarbon

Scatter Plot	scatter
Matrix Seriation	seriation
Compositional Data Analysis	source
Ternary Plot	ternary

Value

A **shiny** application object.

Author(s)

N. Frerebeau

Examples

```
if (interactive()) {  
  run_app("seriation")  
}
```

Index

* **shiny apps**

run_app, [2](#)

character, [2](#)

list, [2](#)

run_app, [2](#)

shiny::shinyAppDir(), [2](#)