

Package ‘kinesis’

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Title 'shiny' Applications for the 'tesselle' Packages

Version 0.2.1

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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).

License GPL (>= 3)

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 (>= 1.5.0), arkhe (>= 1.11.0), bslib (>= 0.9.0), config (>= 0.3.2), datasets, dimensio (>= 0.14.0), folio (>= 1.5.1), grDevices, gt (>= 1.0.0), isopleuros (>= 1.4.0), kairos (>= 2.3.0), khroma (>= 1.16.0), mirai (>= 2.4.0), nexus (>= 0.6.0), sass (>= 0.4.10), shiny (>= 1.11.1), stats, tabula (>= 3.3.1), utils

Suggests fontquiver, rsvg, svglite, tinysnapshot, tinytest

Encoding UTF-8

RoxygenNote 7.3.2

X-schema.org-applicationCategory Archaeological Science

X-schema.org-isPartOf <https://www.tesselle.org>

X-schema.org-keywords archaeology, archaeological-science, archaeometry, shiny-apps, r-package

NeedsCompilation no

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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", "source", "scatter", "ternary",  
    "ca", "pca"),  
  bookmark = FALSE,  
  options = list(launch.browser = interactive())  
)
```

Arguments

- app A [character](#) string specifying the **Shiny** application to run (see details). Any unambiguous substring can be given.
- bookmark A [logical](#) scalar: should server-side bookmarking of the application be enabled (see [shiny::enableBookmarking\(\)](#))?
- 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
Scatter Plot	scatter
Matrix Seriation	seriation
Compositional Data Analysis	source
Ternary Plot	ternary

Value

A **shiny** application object.

Author(s)

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Examples

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

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