Package 'BlockmodelingGUI'

January 20, 2025

Title GUI for the Generalised Blockmodeling of Valued Networks

Version 1.8.4

Description This app provides some useful tools for Offering an accessible GUI for generalised blockmodeling of single-relation, one-mode networks. The user can execute blockmodeling without having to write a line code by using the app's visual helps. Moreover, there are several ways to visualisations networks and their partitions. Finally, the results can be exported as if they were produced by writing code. The development of this package is financially supported by the Slovenian Research Agency (www.arrs.gov.si) within the research project J5-2557 (Comparison and evaluation of different approaches to blockmodeling dynamic networks by simulations with application to Slovenian co-authorship networks).

Depends R (>= 3.5.0)

License GPL (>= 3)

Encoding UTF-8

RoxygenNote 7.2.0

Imports blockmodeling, shiny, DT, htmlwidgets, igraph, intergraph, network, shinybusy, shinyjs, shinythemes, visNetwork

NeedsCompilation no

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Repository CRAN

Date/Publication 2022-12-14 15:20:02 UTC

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app *Launch Shiny App*

Description

Launch Shiny App

Usage

```
app(...)
```

Arguments

...   arguments to pass to shiny::runApp

Value

Runs the app.

Examples

```
## Not run:
app() # to run the app without special options
app(launch.browser = T) # to run the app in a new browser session

## End(Not run)
```

GetCitationFile *Get citation files*

Description

Get citation files

Usage

```
GetCitationFile(
  filetype = c("ris", "BibText"),
  folder = getwd(),
  overwrite = F
)
```

Arguments

filetype	Type of bibliographic file can be either 'ris' for RIS files of 'BibText' for BibText files.
folder	Folder where to save the file. Defaults to 'getwd()'.
overwrite	Boolean. Whether to overwrite namesake files in the target folder.

Value

Copies the selected type of bibliographic file to the working folder.

Examples

```
GetCitationFile('ris') # to get the .ris file in the working folder
```

HowToCite	*Show citation info*

Description

Show citation info

Usage

```
HowToCite(...)
```

Arguments

...   Options to pass to cat()

Value

Returns information on how to cite the app.

Examples

```
HowToCite() # to see information about citations
```

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