Package 'BlockmodelingGUI'

December 14, 2022

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 gener-
alised blockmodeling of single-relation, one-mode networks. The user can execute blockmodel-
ing without having to write a line code by using the app's visual helps. Moreover, there are sev-
eral ways to visualisations networks and their partitions. Finally, the results can be ex-
ported as if they were produced by writing code. The development of this package is finan-
cially supported by the Slovenian Research Agency (www.arrs.gov.si) within the re-
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ing 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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R topics documented:

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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
```

Index