Package ‘RenextGUI’

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Type Package
Title GUI for Renext
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Description Graphical User Interface for Renext.
Depends graphics, stats, utils, gWidgets, gWidgetscltk(>= 0.0-44), Renext(>= 2.1-0)
Imports grDevices, methods, R2HTML
License GPL (>= 2)
LazyLoad yes
NeedsCompilation no
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R topics documented:

RenextGUI-package .................................................. 1
RenextGUI .......................................................... 2

Index

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RenextGUI-package

Graphical User Interface (GUI) for the Renext package
Description

Graphical User Interface (GUI) for the Renext package. The GUI enables the user to fit ’Renewal’ models, i.e. Peak Over the Threshold (POT) models, and to display graphics.

The package development was initiated, directed and financed by the french Institut de Radioprotection et de Sûreté Nucléaire (IRSN). The package is a non-academic tool designed for applied analysis on case studies and investigations or comparisons on classical probabilistic models.

Details

| Package: | RenextGUI |
| Type: | Package |
| Version: | 1.4-0 |
| Date: | 2016-07-01 |
| License: | GPL >=2 |
| LazyLoad: | yes |

Author(s)

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See Also

See the manual of Renext

Examples

```r
## not run:
## set working dir where csv
setwd("~/data")
opt <- options(warn = 1)
## start the GUI
RenextGUI()
## do not forget to reset the options
options(opt)

## End(not run)
```
Description

Graphical User Interface for Renext. Allows the interactive fitting of renouvellement models with csv file imports.

Usage

```r
RenextGUI(guiToolkit = c("tcltk", "RGtk2", "WWW"),
          useGlobalenv = FALSE,
          debug = FALSE)
```

Arguments

- `guiToolkit` Toolkit to use for `gWidgets`.
- `useGlobalenv` Logical. If TRUE, then some objects used by the GUI will be placed in the global environment, at the risk of existing objects life.
- `debug` If TRUE some messages are printed to help debugging.

Details

The csv files to import are sought for in the working directory. It can be convenient to set this directory using the `setwd` function.

Author(s)

Yves Deville

See Also

The packages `gWidgets`.

Examples

```r
## Not run:
RenextGUI()

## End(Not run)
```
Index

+Topic package
  RenextGUI-package, 1

Renext, 2
RenextGUI, 2
RenextGUI-package, 1

setwd, 3