

# Package ‘RenextGUI’

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**Type** Package

**Title** GUI for Renext

**Version** 1.4-0

**Date** 2016-07-01

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**Maintainer** Lise Bardet <lise.bardet@irsn.fr>

**Description** Graphical User Interface for Renext.

**Depends** graphics, stats, utils, gWidgets, gWidgetstcltk(>= 0.0-44),  
Renext(>= 2.1-0)

**Imports** grDevices, methods, R2HTML

**License** GPL (>= 2)

**LazyLoad** yes

**NeedsCompilation** no

**Repository** CRAN

**Date/Publication** 2016-07-04 20:29:09

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RenextGUI-package      *Graphical User Interface (GUI) for the Renext package*

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## 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

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

## Author(s)

Yves Deville <deville.yves@alpestat.com> and IRSN <renext@irsn.fr>

Maintainer: Lise Bardet <lise.bardet@irsn.fr>

## See Also

See the manual of [Renext](#)

## Examples

```
## 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**

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

**Arguments**

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

**Details**

The csv files to import are seeked 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**

```
## Not run:
RenextGUI()

## End(Not run)
```

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