Package ‘in2extRemes’

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Title Into the extRemes Package
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Description Graphical User Interface (GUI) to some of the functions in the package extRemes version >= 2.0 are included.
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  in2extRemes-package  Graphical User Interface Dialog Window for EVA

Description

  Open the main graphical user interface dialog window for extreme value analysis (EVA).

Usage

  in2extRemes()
Details

This package provides point-and-click windows for performing extreme value analysis using the package `extRemes` version >= 2.0.

The function `in2extRemes` is used to open the main dialog window from the command line.

Value

No value is returned. A GUI window is opened from which other functions can be called that might return various object types.

Author(s)

Eric Gilleland

References

http://www.assessment.ucar.edu/toolkit

See Also

`extRemes`

Examples

```r
## not run:
in2extRemes()
## End(Not run)
```

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**as.in2extRemesDataObject**

*Convert Data Frame Object to in2extRemes Data Object*

Description

Convert a data frame, matrix or vector into an object readable by the in2extRemes windows.

Usage

`as.in2extRemesDataObject(x)`

Arguments

- `x` data frame, matrix or numeric vector.
Details

Sets up a list object with a data component that contains the datafram $x$, or if $x$ is a matrix or vector, it is first converted to a data frame using `as.data.frame`. If $x$ is a vector, an additional column, named “obs”, is added that contains an index of the row number. It is then given the class “in2extRemesDataObject” and returned.

Value

A list of class “in2extRemesDataObject” with component:

- data $x$ as a data frame.

Author(s)

Eric Gilleland

See Also

`as.data.frame`

Examples

```r
look <- apply(matrix(rnorm(100 * 100), 100, 100), 2, max, na.rm = TRUE)
look2 <- as.in2extRemesDataObject(look)
```
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