

Package: in2extRemes (via r-universe)

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Title Into the extRemes Package

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Depends R (>= 2.15.1), tcltk, extRemes (>= 2.0)

Description Graphical User Interface (GUI) to some of the functions in the package extRemes version >= 2.0 are included.

License GPL (>= 2)

URL <http://www.assessment.ucar.edu/toolkit/>

NeedsCompilation no

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Additional_repositories <https://cranhaven.r-universe.dev>

Repository <https://cranhaven.r-universe.dev>

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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

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

`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

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

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