Package ‘in2extRemes’

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Title Into the extRemes Package.
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Depends R (>= 2.15.1), tcltk, extRemes (>= 2.0)
Description This package provides a Graphical User Interface (GUI) to some of the functions in the package extRemes version >= 2.0.
License GPL (>= 2)
URL http://www.assessment.ucar.edu/toolkit/
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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 \texttt{extRemes} version $\geq 2.0$.

The function \texttt{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

\texttt{extRemes}

Examples

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

\section*{as.in2extRemesDataObject}

\textit{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

\texttt{as.in2extRemesDataObject(x)}

Arguments

\begin{itemize}
  \item \texttt{x} \hspace{1cm} data frame, matrix or numeric vector.
\end{itemize}
as.in2extRemesDataObject

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), R, max, na.rm = TRUE)
look2 <- as.in2extRemesDataObject(look)
```
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