Package 'GrapheR'

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Type Package

Title A Multi-Platform GUI for Drawing Customizable Graphs in R

Version 1.9-86-5

Date 2023-11-06

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Depends R (>= 2.13.0), tcltk

Description A multi-platform user interface for drawing highly customizable graphs in R. It aims to be a valuable help to quickly draw publishable graphs without any knowledge of R commands. Six kinds of graph are available: histogram, box-and-whisker plot, bar plot, pie chart, curve and scatter plot.

License GPL-2

LazyLoad yes

LazyData true

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GrapheR-package *A Multi-Platform GUI for Drawing Customizable Graphs in R*

Description

A multi-platform user interface for drawing highly customizable graphs in R. It aims to be a valuable help to quickly draw publishable graphs without any knowledge of R commands. Six kinds of graph are available: histogram, box-and-whisker plot, bar plot, pie chart, curve and scatter plot.

Details

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Type:	Package
Version:	1.9-86-5
Date:	2023-11-06
License:	GPL-2
LazyLoad:	yes

Author(s)

Maxime HERVE

Maintainer: Maxime HERVE <maxime.herve@univ-rennes1.fr>

References

DALGAARD P (2001) A Primer on the R-Tcl/Tk Package. *R News*, **1(3)**, 27–31.

DALGAARD P (2002) Changes to the R-Tcl/Tk Package. *R News*, **2(3)**, 25–27.

HERVE M (2011) GrapheR: a multiplatform GUI for drawing customizable graphs in R. *The R Journal*, **3(2)**, 45–53.

Examples

```
## Not run:
# To launch or re-launch the interface after closing:
run.GrapheR()

## End(Not run)
```

run.GrapheR *Run GrapheR*

Description

The function launches GrapheR. Use it after closing the interface to re-launch it.

Usage

```
run.GrapheR(lang = NULL, path.to.save = NULL, figurej = FALSE)
```

Arguments

lang	language, when the interface is relaunched.
path.to.save	if not NULL, code is automatically generated and saved when drawing a graph, without asking any question. The file is created in the given folder.
figurej	if TRUE, allows to choose the "FigureJ" option when saving a graph. This will save the graph (and the associated code) in a format adapted for the pulgin FigureJ of the Software ImageJ.

Author(s)

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Swallows *Swallows dataset*

Description

An illustrative and fictive dataset about African and European swallows.

Usage

```
Swallows
```

Format

1. Species
2. Sex
3. Size
4. Weight
5. Coconuts
6. Distance

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