

# Package ‘GrapheR’

March 30, 2013

**Encoding** latin1

**Type** Package

**Title** A multi-platform GUI for drawing customizable graphs in R

**Version** 1.9-82

**Date** 2013-03-30

**Author** Maxime Hervé

**Maintainer** Maxime Hervé <mx.herve@gmail.com>

**Depends** R (>= 2.13.0), tcltk

**Description** GrapheR is 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

**NeedsCompilation** no

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GrpheR-package

*A multi-platform GUI for drawing customizable graphs in R*

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### Description

GrpheR is 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
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Date:	2013-03-30
License:	GPL-2
LazyLoad:	yes

### Author(s)

Maxime Hervé

Maintainer: Maxime Hervé <mx.herve@gmail.com>

### References

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

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

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

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active.erreur

*GrpheR functions*

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### Description

All intern functions making the interface work.

### Author(s)

Maxime Hervé <mx.herve@gmail.com>

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GrapheR environment      *GrapheR environment*

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**Description**

All objects used in GrapheR functions are stored in this environment.

**Author(s)**

Maxime Hervé <mx.herve@gmail.com>

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run.GrapheR      *Run GrapheR*

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**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 interface relaunching.
path.to.save	if not NULL, code is automatically generated and save when drawing a graph, without asking any question. The file is created in the given folder.
figurej	if TRUE, allow 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)**

Maxime Hervé <mx.herve@gmail.com>

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Swallows

*Swallows dataset*

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**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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