

Package ‘plfMA’

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Type Package

Title A GUI to View, Design and Export Various Graphs of Data

Version 2.0

Date 2022-01-07

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Imports gWidgets2, tcltk, gWidgets2tcltk, tkrplot, limma,
RColorBrewer, grDevices, graphics, stats

Description Provides a graphical user interface for viewing and designing various types of graphs of the data. The graphs can be saved in different formats of an image.

Depends R (>= 3.1.1)

License GPL-2

LazyLoad yes

NeedsCompilation no

Repository CRAN

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 plfMA-package

A GUI to view, design and export various graphs of data

Description

Provides a graphical user interface for viewing, designing and exporting various types of graphs of the data. A table file can be directly imported for visualization after launching the GUI. A data object with graph type can also be passed to library function. A graph type could be either scatter (scatter-plot), hist (histogram), bar (bar-plot), box (box-plot), pie (pie-diagram), 3d (3d-plot), ma (MA-plot), density (density-plot) or heatmap. The graphs can be designed with different labels, colors, sizes and other features and saved at different resolution in bmp, jpeg, png, tiff, pdf and postscript formats.

Details

Package: plfMA
 Type: Package
 Version: 2.0
 Date: 2022-01-07
 License: GPL-2

Just type plfMA() at R prompt to launch the GUI. Alternatively, create a data object such as x at R prompt and launch the GUI by typing plfMA(x,"heatmap") for heatmap.

Author(s)

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 plfMA

A function to launch the plfMA GUI.

Description

A function to launch the plfMA GUI.

Usage

```
plfMA(h,gtype,...)
```

Arguments

| | |
|-------|--|
| h | Data matrix, data frame, RGList, MAList or Empty |
| gtype | Graph type or Empty if h is empty |
| ... | Other arguments for h object or Empty |

Details

Once the package is loaded with library function, the GUI can be launched using this function.

Author(s)

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Examples

```
x<-matrix(1:60,ncol=6)
plfMA(x,gtype="heatmap")
```

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