

Package: plfMA (via r-universe)

September 16, 2024

Type Package

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

Version 2.0

Date 2022-01-07

Author Dhammapal Bharne, Vaibhav Vindal

Maintainer Dhammapal Bharne <dhammapal@uohyd.ac.in>

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

Date/Publication 2022-01-08 01:42:42 UTC

Contents

| | |
|-------------------------|----------|
| plfMA-package | 2 |
| plfMA | 2 |
| Index | 4 |

 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)

Maintainer: Dhammapal Bharne <dhammapalb@uohyd.ac.in>

 plfMA

A function to launch the plfMA GUI.

Description

A function to launch the plfMA GUI.

Usage

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

Arguments

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

Details

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

Author(s)

Dhampal Bharne & Vaibhav Vindal, Department of Biotechnology and Bioinformatics, School of Life Sciences, University of Hyderabad, Hyderabad, Telangana, India.

Examples

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

Index

* **GUI**

plfMA, [2](#)

plfMA, [2](#)

plfMA-package, [2](#)