

Package ‘MSeasyTkGUI’

February 19, 2015

Type Package

Title MSeasy Tcl/Tk Graphical User Interface

Version 5.3.3

Date 2013-03-18

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Depends R (>= 2.12.0), MSeasy(>= 5.3), tcltk

Suggests xcms

SystemRequirements BWidget

Description A Tcl/Tk GUI for some basic functions in the MSeasy
package

License GPL-2

URL <http://sites.google.com/site/rpackagemseasy/>

LazyData yes

NeedsCompilation no

Repository CRAN

Date/Publication 2013-03-21 16:31:27

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MSeasyTkGUI-package *MSeasyTkGUI*

Description

MSeasyTkGUI is a user interface for MSeasy manly based on code from ade4TkGUI

Details

Package: MSeasyTkGUI
Type: Package
Version: 5.3.2
Date: 2012-08-17
License: GPL-2
LazyLoad: yes

Author(s)

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References

ade4TkGUI was used as source code for MSeasyTkGUI

MSeasyTkGUI *Tcl/Tk GUI for the MSeasy package*

Description

A Tcl/Tk GUI for some basic functions in the MSeasy package. It was created on the basis of the ade4TkGUI package by Jean Thioulouse <jthioulouse@biomserv.univ-lyon1.fr>, Stephane Dray <dray@biomserv.univ-lyon1.fr>

Usage

MSeasyTkGUI()

Details

Right-click on MSeasy function buttons to get help on functions. You can also click on the questionhead icon in the dialog windows, this will displays the R help for the corresponding function.

In all dialog windows, entries can either be filled with a "set, choose . . ." button, or typed directly in the entry field. The "set" button displays a listbox with a list of available objects in the global environment. The "Choose file" button displays a browser.

Buttons

The first row of buttons (- MSeasy -) is used to format MS data (Step 1- . . .) prior to the clustering (Step 2- . . .), either from a tab-delimited text file exported from Excel (User made file), or from raw MS data files (CDF, Agilent or ASCII files; Step 3- . . . will give you access to export functions (to ARISTO format or NIST). right-click on the button to get help and for details on MS data format).

The second block of buttons (- Demonstration -) gives access to MSeasy test datasets (DataTest or DataClust) by Load an MSeasy dataset or to predefined exemples of the MSeasy functions (like MS.DataCreation, MS.clust. . .).

Menu bar

The menu bar at the top of the window can be used to launch all the MSeasy functions. All theses menus are tear-off.

The Menu can be used to compile or cluster MS data as the buttons described above, and to quit R :

- Help allows to read MSeasy help files.

- Quit R opens a dialog window to ask if the environment should be saved before quitting R.

Author(s)

Yann Guitton <yann.guitton@gmail.com>

Examples

```
## Not run:  
## Start the GUI  
MSeasyTkGUI()  
  
## End(Not run)
```

MSeasyTkGUI-internal *Internal functions for the MSeasyTkGUI package.*

Description

Internal functions for the MSeasyTkGUI package

Details

These are not to be called by the user.

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