

# Package ‘MSeasyTkGUI’

March 18, 2013

**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/>

**LazyLoad** yes

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## 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)

Yann Guitton Maintainer: Yann Guitton <yann.guitton@gmail.com>

### References

ade4TkGUI was used as source code for MSeasyTkGUI

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MSeasyTkGUI

*Tcl/Tk GUI for the MSeasy package*

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### 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)
```

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

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**Description**

Internal functions for the MSeasyTkGUI package

**Details**

These are not to be called by the user.

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