Package: setwidth (via r-universe)

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Title Automatically Set the Width Option on Terminal Emulators

OS_type unix

Description Automatically sets the value of options(``width'') when the terminal emulator is resized. The functions of this package only work if R is compiled for Unix systems and it is running interactively in a terminal emulator.

License GPL (>= 2)

NeedsCompilation yes

Author Jakson Aquino [aut] (ORCID: <https://orcid.org/0000-0003-2522-8573>), Dominique-Laurent Couturier [aut, cre] (ORCID: <https://orcid.org/0000-0001-5774-5036>)

Maintainer Dominique-Laurent Couturier

<dominique.couturier@mrc-bsu.cam.ac.uk>

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Contents

setwidth-package 2

Index **3**

`setwidth-package` *Automatically set the value of options("width") when the terminal emulator is resized*

Description

This package automatically sets `options("width")` when using R in terminal windows on OSX primarily (but on Unix-like OSes too) and resizing the terminal (e.g., iTerm2 on OSX). It may be useful if `options(setWidthOnResize=TRUE)` does not work properly for any reason.

This package should not be used with graphical interfaces such as RStudio, RKward, JGR, Rcmdr, or any other interface that handles R output on its own, or when using R via remote sessions (like via a ssh connection, for example). The functions only work if R runs interactively in a terminal emulator. The terminal emulator may be called by a text editor like Vim, Gedit, Kate, or Geany.

Details

The package will print information on the R Console if its '`setwidth.verbose`' option was set to a numeric value bigger than zero:

```
options(setwidth.verbose = 1) # Print startup message
options(setwidth.verbose = 2) # Print error message when unable to set width
options(setwidth.verbose = 3) # Print width value
```

The package does not have any user visible R function. When it is loaded, the SIGWINCH signal starts to be handled by a C function that updates the value of `options("width")`. The handle will not be activated if `interactive()` == `FALSE` or the value of the environment variable '`TERM`' is either empty or '`"dumb"`'.

To manually test whether the package is working properly on your system you may repeatedly resize the terminal emulator and print a long vector, like 1:300.

To disable the automatic setting of `options("width")` do:

```
detach("package:setwidth", unload = TRUE)
```

Author(s)

Jakson Alves de Aquino and Dominique-Laurent Couturier

See Also

The package **colorout** colorizes R output when running in a unix/osx terminal emulators.

Examples

```
options(setwidth.verbose = 1)
print(getOption("width"))
```

Index

∗ **package**
setwidth-package, 2

setwidth *(*setwidth-package*)*, 2
setwidth-package, 2