

Package: default (via r-universe)

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Type Package

Title Change the Default Arguments in R Functions

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Author Nick Golding

Maintainer Nick Golding <nick.golding.research@gmail.com>

Description A simple syntax to change the default values for function arguments, whether they are in packages or defined locally.

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Suggests testthat

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Repository <https://goldingn.r-universe.dev>

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Description

`default()` lets you check, and change, a function's default arguments. `reset_default()` returns the arguments to their original defaults.

Usage

```
default(fun)
```

```
default(fun) <- value
```

```
reset_default(fun)
```

Arguments

`fun` a function

`value` a named list of new default arguments for that function

Details

If `fun` is a function from a package, a function of the same name will be defined in the calling environment (e.g. your workspace). If `fun` is defined locally, it will be overwritten by the version with the new defaults.

`reset_default` *returns* the reset function, rather than modifying it in place, so you'll need to reassign it, as in the example.

Value

`default()` (without assignment) invisibly returns a pairlist of the current values of the default arguments. It also prints the default arguments, highlighting those that the user has changed from their original defaults.

`reset_default()` returns the `fun`, but with the defaults reset to their original values. If `fun` was a function from a package, the same thing can be achieved by replacing the locally-defined version of the function.

Examples

```
# list the default arguments for a function
default(data.frame)

# change one or more of them
default(data.frame) <- list(fix.empty.names = FALSE)
data.frame(1:3)
```

```
# reset the defaults  
data.frame <- reset_default(data.frame)  
data.frame(1:3)
```

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