Package ‘loadr’

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Title Cleaner Workspaces with Shared Variable Environments
Description Provides intuitive functions for loading objects into environments, encouraging less cluttered workspaces and sharing variables with large or reusable data across users and sessions. The user provides named variables which are loaded into the variable environment for later retrieval.
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eload

Loads named variables into a shared environment

Description

eeload takes a collection of named objects and creates or updates an environment. By default, an existing variable in the target environment will be replaced by a new value, but this can be avoided by setting preserve=TRUE. If you want to load directly into the current env, look at list2env with environment()

Usage

eeload(loadDat, loadEnvir = loadrEnv(), preserve = FALSE, parentEnvir = globalenv())

Arguments

loadDat A list or environment with named variables to load.
loadEnvir Name (character string) for the environment to create or update.
preserve Whether to retain the value for an already-bound name.
parentEnvir Parent environment of the shared variable environment; defaults to globalenv()

Examples

eeload(list(x=15))
SV$x

getLoadEnvir

A function used by eload() to create the global shared variable environment if it doesn’t exist, or return it if it does.

Description

A function used by eload() to create the global shared variable environment if it doesn’t exist, or return it if it does.

Usage

getLoadEnvir(loadEnvir = loadrEnv())

Arguments

loadEnvir Name of the environment to get. Internal function.
Description

Functions for loading data into a shared variable environment

Author(s)

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References

http://github.com/databio/loadr

loadrEnv

Sets or gets a global variable specifying the default environment name for loadr.

Description

Sets or gets a global variable specifying the default environment name for loadr.

Usage

loadrEnv(envName = NULL)

Arguments

envName Name of environment where shared variables should be stored. Leave NULL to retrieve current environment name.

Examples

loadrEnv("SV")
sv

Show shared variables Gives a list of shared variable contents.

Description
Show shared variables Gives a list of shared variable contents.

Usage
sv(envir = "SV")

Arguments
envir Character vector name of the environment to display.

Examples
sv()

vload

Loads R objects into the shared variable environment.

Description
This function loads one or more R objects into the shared variable environment. By default it will
assign variable names as they are named when passed to the function, but it can also assign variables
to alternative names using the varNames argument.

Usage
vload(..., varNames = NULL)

Arguments
...

Any number of variables to assign to the shared variable environment

varNames (Optional) character vector of variable names to use for the given variables. If
provided, the length of varNames must match the number of variables passed to

Examples
x=5; y=7; z=15
vload(x, y, z)
vload(c(1,2,3), varNames="varname")
vload(x, y, varNames=c("xvar", "yvar"))
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