

Package ‘datasets.load’

April 27, 2020

Title Interfaces for Loading Datasets

Version 1.4.0

Description Visual interface for loading datasets in RStudio from all installed (including un-loaded) packages, also includes command line interfaces.

Depends R (>= 3.0.0)

Imports shiny, miniUI, DT

License GPL-3

Encoding UTF-8

LazyData true

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datasets.load-package *Interface for loading Datasets*

Description

Interface for loading Datasets

alldata *List all datasets*

Description

List all datasets

Usage

```
alldata(package = NULL, lib.loc = NULL, all = TRUE, drop.defaults = FALSE)
```

Arguments

package	a character vector with the names of packages to search through, or NULL in which "all" packages (as defined by argument all) are searched.
lib.loc	a character vector of directory names of R libraries, or NULL. The default value of NULL corresponds to all libraries currently known.
all	logical; if TRUE search all available packages in the library trees specified by lib.loc, and if FALSE, search only attached packages.
drop.defaults	logical; if TRUE, do not include the datasets from the datasets package.

browseDatasets *List datasets in an HTML Browser*

Description

List datasets in an HTML Browser

Usage

```
browseDatasets(
  package = NULL,
  lib.loc = NULL,
  all = TRUE,
  drop.defaults = FALSE
)
```

Arguments

package	a character vector with the names of packages to search through, or NULL in which "all" packages (as defined by argument all) are searched.
lib.loc	a character vector of directory names of R libraries, or NULL. The default value of NULL corresponds to all libraries currently known.
all	logical; if TRUE search all available packages in the library trees specified by lib.loc, and if FALSE, search only attached packages.
drop.defaults	logical; if TRUE, do not include the datasets from the datasets package.

datasets *View datasets from all installed package*

Description

View datasets from all installed package

Usage

```
datasets(package = NULL, lib.loc = NULL, all = TRUE, drop.defaults = FALSE)
```

Arguments

package	a character vector with the names of packages to search through, or NULL in which "all" packages (as defined by argument all) are searched.
lib.loc	a character vector of directory names of R libraries, or NULL. The default value of NULL corresponds to all libraries currently known.
all	logical; if TRUE search all available packages in the library trees specified by lib.loc, and if FALSE, search only attached packages.
drop.defaults	logical; if TRUE, do not include the datasets from the datasets package.

Examples

```
# write data.frame of datasets to object
dtsts <- datasets()
```

datasets.load *Load Datasets from a Menu*

Description

Load Datasets from a Menu

Usage

```
datasets.load()
```

getDatasetInfo *Get information on installed datasets.*

Description

Get information on installed datasets.

Usage

```
getDatasetInfo(
  package = NULL,
  lib.loc = NULL,
  all = TRUE,
  drop.defaults = FALSE
)
```

Arguments

package	a character vector with the names of packages to search through, or NULL in which "all" packages (as defined by argument all) are searched.
lib.loc	a character vector of directory names of R libraries, or NULL. The default value of NULL corresponds to all libraries currently known.
all	logical; if TRUE search all available packages in the library trees specified by lib.loc, and if FALSE, search only attached packages.
drop.defaults	logical; if TRUE, do not include the datasets from the datasets package.

print.browseDatasets *Print function for browseDatasets objects*

Description

Print function for browseDatasets objects

Usage

```
## S3 method for class 'browseDatasets'
print(x, ...)
```

Arguments

x	Object of class datasets
...	Further arguments, ignored by the print method.

print.datasets	<i>Print function for datasets class objects</i>
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Description

Print function for datasets class objects

Usage

```
## S3 method for class 'datasets'  
print(x, ...)
```

Arguments

x	an object used to select a method.
...	further arguments passed to or from other methods.

printDatasets	<i>Print datasets in the console</i>
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Description

Print datasets in the console

Usage

```
printDatasets(  
  package = NULL,  
  lib.loc = NULL,  
  all = TRUE,  
  drop.defaults = FALSE  
)
```

Arguments

package	a character vector with the names of packages to search through, or NULL in which "all" packages (as defined by argument all) are searched.
lib.loc	a character vector of directory names of R libraries, or NULL. The default value of NULL corresponds to all libraries currently known.
all	logical; if TRUE search all available packages in the library trees specified by lib.loc, and if FALSE, search only attached packages.
drop.defaults	logical; if TRUE, do not include the datasets from the datasets package.

promptDatasets *Prompt for dataset in the console*

Description

Prompt for dataset in the console

Usage

```
promptDatasets(  
  package = NULL,  
  lib.loc = NULL,  
  all = TRUE,  
  drop.defaults = FALSE  
)
```

Arguments

package	a character vector with the names of packages to search through, or NULL in which "all" packages (as defined by argument all) are searched.
lib.loc	a character vector of directory names of R libraries, or NULL. The default value of NULL corresponds to all libraries currently known.
all	logical; if TRUE search all available packages in the library trees specified by lib.loc, and if FALSE, search only attached packages.
drop.defaults	logical; if TRUE, do not include the datasets from the datasets package.

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