

Package ‘datasets.load’

December 14, 2016

Title Interface for Loading Datasets

Version 0.1.0

Description Visual interface for loading datasets in RStudio from all installed (unloaded) packages.

Depends R (>= 3.0.0)

Imports shiny, miniUI, DT

License GPL-3

Encoding UTF-8

LazyData true

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NeedsCompilation no

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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

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