Package: DataLoader (via r-universe)

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Title Import Multiple File Types

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Description Functions to import multiple files of multiple data file types ('.xlsx', '.xls', '.csv', '.txt') from a given directory into R data frames.

Depends readxl, plyr, tools, xlsx, rChoiceDialogs

Suggests testthat

License GPL (>= 2)

LazyData TRUE

NeedsCompilation no

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Contents

importAllMdf 2
importAllSdf 2
importCsv 3
importCsv2 3
importExcel 4
importPipe 4
importTab 5
importTilde 5

Index 6

`importAllMdf` *Importing multiple file types and storing it into a list of data frames*

Description

importAllMdf function loads various data file types in a selected directory to separate dataframes, and stores them as a list. Data frames can be accessed as list elements by using "listname$filename" or "listname[]".

Usage

```
importAllMdf(path = NULL)
```

Arguments

`path`	the directory in which the files are stored. If path is not given, interactive dialog box will be used to select directory

Value

a single list of dataframes containing all the files imported and stored as dataframes.

`importAllSdf` *Importing multiple file types and storing it into a Single R Dataframe*

Description

importAllSdf function loads various data file types in a selected directory to dataframes, combines all the data frames and stores it as a single data frame. Note that all the files to be loaded should have the same number of columns for rbind to work

Usage

```
importAllSdf(path = NULL)
```

Arguments

`path`	the directory in which the files are stored. If path is not given, interactive dialog box will be used to select directory

Value

a single dataframe containing all the files imported and rbinded into one.

`importCsv` *Importing multiple csv files and storing it into a list of data frames*

Description

importCsv function loads .csv file types in a selected directory to separate dataframes, and stores them as a list. Data frames can be accessed as list elements by using "listname$filename" or "listname[]".

Usage

```
importCsv(path = NULL)
```

Arguments

`path`	the directory in which the files are stored. If path is not given, interactive dialog box will be used to select directory

Value

a single list of dataframes containing all the files imported and stored as dataframes.

`importCsv2` *Importing multiple csv files(";" delimited) and storing it into a list of data frames*

Description

importCsv2 function loads .csv file types in a selected directory to separate dataframes, and stores them as a list. Data frames can be accessed as list elements by using "listname$filename" or "listname[]".

Usage

```
importCsv2(path = NULL)
```

Arguments

`path`	the directory in which the files are stored. If path is not given, interactive dialog box will be used to select directory

Value

a single list of dataframes containing all the files imported and stored as dataframes.

`importExcel` *Importing multiple excel files and storing it into a list of data frames*

Description

importExcel function loads excel data file types(.xlsx, .xls) in a selected directory to separate dataframes, and stores them as a list. Data frames can be accessed as list elements by using "listname$filename" or "listname[]".

Usage

```
importExcel(path = NULL)
```

Arguments

`path`	the directory in which the files are stored. If path is not given, interactive dialog box will be used to select directory

Value

a single list of dataframes containing all the files imported and stored as dataframes.

`importPipe` *Importing multiple pipe delimitted files and storing it into a list of data frames*

Description

importPipe function loads various text files which use a Pipe delimitter(|) in a selected directory to separate dataframes, and stores them as a list. Data frames can be accessed as list elements by using "listname$filename" or "listname[]".

Usage

```
importPipe(path = NULL)
```

Arguments

`path`	the directory in which the files are stored. If path is not given, interactive dialog box will be used to select directory

Value

a single list of dataframes containing all the files imported and stored as dataframes.

`importTab` *Importing multiple tab delimitted files and storing it into a list of data frames*

Description

importTab function loads various text files which uses a tab delimitter in a selected directory to separate dataframes, and stores them as a list. Data frames can be accessed as list elements by using "listname$filename" or "listname[]".

Usage

```
importTab(path = NULL)
```

Arguments

`path`	the directory in which the files are stored. If path is not given, interactive dialog box will be used to select directory

Value

a single list of dataframes containing all the files imported and stored as dataframes.

`importTilde` *Importing multiple tilde delimitted files and storing it into a list of data frames*

Description

importTilde function loads various text files which uses a tilde delimitter(~) in a selected directory to separate dataframes, and stores them as a list. Data frames can be accessed as list elements by using "listname$filename" or "listname[]".

Usage

```
importTilde(path = NULL)
```

Arguments

`path`	the directory in which the files are stored. If path is not given, interactive dialog box will be used to select directory

Value

a single list of dataframes containing all the files imported and stored as dataframes.

Index

importAllMdf, 2
importAllSdf, 2
importCsv, 3
importCsv2, 3
importExcel, 4
importPipe, 4
importTab, 5
importTilde, 5