

Package ‘DataLoader’

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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

Repository CRAN

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Contents

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

Index	6
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importAllMdf	<i>Importing multiple file types and storing it into a list of data frames</i>
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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	<i>Importing multiple file types and storing it into a Single R Dataframe</i>
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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	<i>Importing multiple csv files and storing it into a list of data frames</i>
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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	<i>Importing multiple csv files("; " delimited) and storing it into a list of data frames</i>
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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	<i>Importing multiple excel files and storing it into a list of data frames</i>
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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	<i>Importing multiple pipe delimited files and storing it into a list of data frames</i>
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Description

importPipe function loads various text files which use a Pipe delimiter(|) 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	<i>Importing multiple tab delimited files and storing it into a list of data frames</i>
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Description

importTab function loads various text files which uses a tab delimiter 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	<i>Importing multiple tilde delimited files and storing it into a list of data frames</i>
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Description

importTilde function loads various text files which uses a tilde delimiter(~) 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
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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