

Package ‘vymover’

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Title Read and Write Data

Version 1.5.10

Description Offers a wide range of functions for reading and writing data in various file formats, including CSV, RDS, Excel and ZIP files. Additionally, it provides functions for retrieving metadata associated with files, such as file size and creation date, making it easy to manage and organize large data sets. This package is designed to simplify data import and export tasks, and provide users with a comprehensive set of tools to work with different types of data files.

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Encoding UTF-8

RoxygenNote 7.2.3

Imports dplyr, readr, readxl, utils,

Suggests dataMaid

NeedsCompilation no

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```
check_installed_package
      check_installed_package
```

Description

Check if a package is installed. If not, throw an error message

Usage

```
check_installed_package(package_name, check = FALSE)
```

Arguments

package_name	the name of the package (quoted)
check	the function should work as a boolean operator

Value

Boolean value whether package is installed.

Examples

```
check_installed_package("dplyr")
```

```
get_recent_file      Get recent file
```

Description

Is a wrapper around `get_recent_file_date_filename_ymd` en `get_recent_file_date_modified` and retrieves the most recent version of a file based on naming or date modified.

Usage

```
get_recent_file(path, match, date_type = "modified")
```

Arguments

path	The path to search for the file
match	The search term matched in the file name
date_type	The way to find the recent file <code>date_type = "modified"</code> is based on customization, <code>date_type = "filename_ymd"</code> is based on file name.

Value

The most recent file.

See Also

Other Get recent files: [get_recent_file_date_filename_ymd\(\)](#), [get_recent_file_date_modified\(\)](#)

`get_recent_file_date_filename_ymd`

Get recent file date filename ymd

Description

This function determines the path of the most recent version of a file in a folder. Sorting is determined by file name where it is a condition that the filename starts with ymd encoding.

Usage

```
get_recent_file_date_filename_ymd(path, match)
```

Arguments

<code>path</code>	The path to search for the file.
<code>match</code>	The search term to match in the file name.

Value

The most recent file

See Also

Other Get recent files: [get_recent_file_date_modified\(\)](#), [get_recent_file\(\)](#)

`get_recent_file_date_modified`

Get recent file date modified This function determines the path of the most recent version of a file in a folder. The sorting is determined based on the date of the last change.

Description

Get recent file date modified This function determines the path of the most recent version of a file in a folder. The sorting is determined based on the date of the last change.

Usage

```
get_recent_file_date_modified(path, match, echo = TRUE)
```

Arguments

path	The path to search for the file.
match	The search term to match in the file name.
echo	Print the date the file was last modified in the console.

Value

The most recent file.

See Also

Other Get recent files: [get_recent_file_date_filename_ymd\(\)](#), [get_recent_file\(\)](#)

move_files_pattern *move files pattern*

Description

Move files in a directory based on regular expression

Usage

```
move_files_pattern(Folder_origin, Folder_dest, pattern, recursive = FALSE)
```

Arguments

Folder_origin	Source folder.
Folder_dest	Destination folder.
pattern	Pattern to match files in source folder on.
recursive	Default: FALSE. Whether to use recursive search in directory.

Value

message

`print_last_modified` *Print date the file was last modified*

Description

This function prints the date a file was last modified

Usage

```
print_last_modified(path)
```

Arguments

path The file path

Value

message

Examples

```
print_last_modified(readr::readr_example("mtcars.csv"))
```

`read_excel_allsheets` *Read Excel Allsheets*

Description

Read in all sheets in an Excel file.

Usage

```
read_excel_allsheets(filename)
```

Arguments

filename Name of Excel file

Value

Dataframe

Examples

```
read_excel_allsheets(readxl::readxl_example("clippy.xls"))
```

unzip_read_delim	<i>Extract a .zip archive and read in with read_delim</i>
------------------	---

Description

Extract a .zip archive and read it in with readr's read_delim function. The file is extracted to a temporary location, and then deleted after reading it.

Usage

```
unzip_read_delim(zip_path, filename = NULL, ...)
```

Arguments

zip_path	The file path of the .zip archive
filename	OPTIONAL: The file name of the file in the .zip archive to be read. This parameter can be left empty if there is only 1 file in the archive.
...	arguments to the readr::read_delim function. see: read_delim

Value

Dataframe

Examples

```
unzip_read_delim(readr::readr_example("mtcars.csv.zip"))
```

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