

Package ‘tor’

July 22, 2025

Title Import Multiple Files From a Single Directory at Once

Version 1.1.3

Description The goal of tor (to-R) is to help you to import multiple files from a single directory at once, and to do so as quickly, flexibly, and simply as possible.

License GPL-3

URL <https://github.com/maurolepore/tor>,
<https://maurolepore.github.io/tor/>

BugReports <https://github.com/maurolepore/tor/issues>

Depends R (>= 3.2)

Imports fs, readr, rlang, tibble

Suggests covr, knitr, rmarkdown, spelling, testthat (>= 3.0.0), withr

Config/testthat/edition 3

Encoding UTF-8

Language en-US

RoxygenNote 7.3.2

NeedsCompilation no

Author Mauro Lepore [aut, cre] (ORCID:
<<https://orcid.org/0000-0002-1986-7988>>)

Maintainer Mauro Lepore <maurolepore@gmail.com>

Repository CRAN

Date/Publication 2024-07-14 23:40:02 UTC

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list_any	<i>Import multiple files of any format from a directory into a list.</i>
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Description

Import multiple files of any format from a directory into a list.

Usage

```
list_any(  
  path = ".",  
  .f,  
  regexp = NULL,  
  ignore.case = FALSE,  
  invert = FALSE,  
  ...  
)
```

Arguments

path	A character vector of one path. Defaults to the working directory.
.f	A function able to read the desired file format.
regexp	A regular expression (e.g. [.]csv\$) passed on to grep() to filter paths.
ignore.case	if FALSE, the pattern matching is <i>case sensitive</i> and if TRUE, case is ignored during matching.
invert	If TRUE return files which do <i>not</i> match
...	Additional arguments passed to .f.

Value

A list.

See Also

Other functions to import files into a list: [list_csv\(\)](#)
Other functions to import files of any format: [load_any\(\)](#)

Examples

```
tor_example()  
  
(path <- tor_example("csv"))  
dir(path)  
  
list_any(path, read.csv)
```

```
list_any(path, ~ read.csv(.x, stringsAsFactors = FALSE))

(path_mixed <- tor_example("mixed"))
dir(path_mixed)

list_any(
  path_mixed, ~ get(load(.x)),
  "[.]Rdata$",
  ignore.case = TRUE
)

list_any(
  path_mixed, ~ get(load(.x)),
  regexp = "[.]csv$",
  invert = TRUE
)
```

list_csv*Import multiple common files from a directory into a list.*

Description

These functions wrap common use-cases of `list_any()`.

Usage

```
list_csv(
  path = ".",
  regexp = "[.]csv$",
  ignore.case = TRUE,
  invert = FALSE,
  ...
)

list_tsv(
  path = ".",
  regexp = "[.]tsv$",
  ignore.case = TRUE,
  invert = FALSE,
  ...
)

list_rds(path = ".", regexp = "[.]rds$", ignore.case = TRUE, invert = FALSE)

list_rdata(
  path = ".",
  regexp = "[.]rdata$|[/]rda$",
```

```
    ignore.case = TRUE,  
    invert = FALSE  
  )
```

Arguments

path	A character vector of one path. Defaults to the working directory.
regexp	A regular expression (e.g. <code>[.]csv\$</code>) passed on to grep() to filter paths.
ignore.case	if FALSE, the pattern matching is <i>case sensitive</i> and if TRUE, case is ignored during matching.
invert	If TRUE return files which do <i>not</i> match
...	Arguments passed to <code>readr::read_csv()</code> or <code>readr::read_tsv()</code> .

Value

A list.

See Also

Other functions to import files into a list: [list_any\(\)](#)

Other functions to import files of common formats: [load_csv\(\)](#)

Examples

```
(rds <- tor_example("rds"))  
dir(rds)  
  
list_rds(rds)  
  
(tsv <- tor_example("tsv"))  
dir(tsv)  
  
list_tsv(tsv)  
  
(mixed <- tor_example("mixed"))  
dir(mixed)  
  
list_rdata(mixed)  
  
list_csv(mixed)  
  
list_rdata(mixed, regexp = "[.]RData", ignore.case = FALSE)
```

load_any	<i>Import multiple files of any format from a directory into an environment.</i>
----------	--

Description

Import multiple files of any format from a directory into an environment.

Usage

```
load_any(  
  path = ".",  
  .f,   
  regexp = NULL,  
  ignore.case = FALSE,  
  invert = FALSE,  
  envir = .GlobalEnv,  
  ...  
)
```

Arguments

path	A character vector of one path. Defaults to the working directory.
.f	A function able to read the desired file format.
regexp	A regular expression (e.g. <code>[.]csv\$</code>) passed on to grep() to filter paths.
ignore.case	if FALSE, the pattern matching is <i>case sensitive</i> and if TRUE, case is ignored during matching.
invert	If TRUE return files which do <i>not</i> match
envir	an environment or NULL.
...	Additional arguments passed to .f.

Value

`invisible(path)`.

See Also

Other functions to import files into an environment: [load_csv\(\)](#)

Other functions to import files of any format: [list_any\(\)](#)

Examples

```
e <- new.env()
load_any(tor_example("rdata"), .f = ~ get(load(.x)), envir = e)
ls(e)

# The data is now available in the environment `e`
e$rdata1
e$rdata2
```

load_csv

Import multiple common files from a directory into an environment.

Description

These functions wrap common use-cases of [load_any\(\)](#).

Usage

```
load_csv(
  path = ".",
  regexp = "[.]csv$",
  ignore.case = TRUE,
  invert = FALSE,
  envir = .GlobalEnv,
  ...
)

load_tsv(
  path = ".",
  regexp = "[.]tsv$",
  ignore.case = TRUE,
  invert = FALSE,
  envir = .GlobalEnv,
  ...
)

load_rds(
  path = ".",
  regexp = "[.]rds$",
  ignore.case = TRUE,
  invert = FALSE,
  envir = .GlobalEnv
)

load_rdata(
  path = ".",
  regexp = "[.]rdata$|[/]rda$",
```

```

    ignore.case = TRUE,
    invert = FALSE,
    envir = .GlobalEnv
  )

```

Arguments

path	A character vector of one path. Defaults to the working directory.
regexp	A regular expression (e.g. <code>[.]csv\$</code>) passed on to <code>grep()</code> to filter paths.
ignore.case	if FALSE, the pattern matching is <i>case sensitive</i> and if TRUE, case is ignored during matching.
invert	If TRUE return files which do <i>not</i> match
envir	an environment or NULL.
...	Arguments passed to <code>readr::read_csv()</code> or <code>readr::read_tsv()</code> .

Value

`invisible(path)`.

See Also

Other functions to import files into an environment: [load_any\(\)](#)

Other functions to import files of common formats: [list_csv\(\)](#)

Examples

```

(path_csv <- tor_example("csv"))
dir(path_csv)

load_csv(path_csv)
# Each file is now available in the global environment
csv1
csv2

(path_mixed <- tor_example("mixed"))
dir(path_mixed)

# Loading the data in an environment other than the global environment
e <- new.env()
load_rdata(path_mixed, envir = e)
# Each dataframe is now available in the environment `e`
e$lower_rdata
e$upper_rdata

```

tor_example	<i>Easily access example data.</i>
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Description

Easily access example data.

Usage

```
tor_example(path = NULL)
```

Arguments

path Length-1 character vector. A path to an available directory.

Value

A character string listing available directories or a length-1 string giving a path to a directory.

Author(s)

Copied from readr_example() from the **readr** package, by Jim Hester and colleagues.

Examples

```
tor_example()

tor_example("csv")

dir(tor_example("csv"))
```

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