

Package ‘rless’

May 9, 2026

Title Leaner Style Sheets

Version 0.1.1

Description Converts LESS to CSS.

It uses V8 engine, where LESS parser is run. Functions for LESS text, file or folder conversion are provided.

This work was supported by a junior grant research project by Czech Science Foundation 'GACR' no. 'GJ18-04150Y'.

Depends R (>= 3.4)

License MIT + file LICENSE

URL <https://github.com/ciirc-kso/rless>

BugReports <https://github.com/ciirc-kso/rless/issues>

Encoding UTF-8

LazyData true

Imports V8

RoxygenNote 6.1.1

Suggests testthat, knitr, rmarkdown

VignetteBuilder knitr

NeedsCompilation no

Author Jonas Vaclavek [aut, cre],
Jakub Kuzilek [aut]

Maintainer Jonas Vaclavek <jonas.vaclavek@gmail.com>

Repository CRAN

Date/Publication 2019-07-31 19:20:05 UTC

Contents

| | |
|--------------------------|---|
| convert_file | 2 |
| convert_folder | 2 |
| parse_less | 3 |
| rless | 4 |

Index**5**

| | |
|--------------|--|
| convert_file | <i>Converts content of file to CSS</i> |
|--------------|--|

Description

Passes content of *file_name* into V8 console and converts it using LESS engine to CSS. The converted CSS is saved into *output_folder* under original name. Only the extension is switched to *css*.

Usage

```
convert_file(base_path, file_name, output_folder = tempdir())
```

Arguments

| | |
|---------------|---|
| base_path | Base path to file to be converted |
| file_name | Path relative to base_path leading to file to be converted |
| output_folder | Output path where converted file should be placed. File is placed to tempdir by default |

Value

Full path to created file with converted CSS file

Examples

```
path_to_less_files <- system.file("extdata", package="rless")

convert_file(path_to_less_files, "example.less")
convert_file(path_to_less_files, "example.less", tempdir())
```

| | |
|----------------|--|
| convert_folder | <i>Converts files in folder to CSS files</i> |
|----------------|--|

Description

Function goes through folder specified in *input_folder* and finds files matching the *pattern*. If *recursive* is set to TRUE, scanner are also subdirectories of the *input_folder*. Matching files are converted using [convert_file](#) function.

Usage

```
convert_folder(input_folder, output_folder = tempdir(),
  recursive = FALSE, pattern = "*.less$")
```

Arguments

| | |
|---------------|---|
| input_folder | Path to files to be converted |
| output_folder | Output path where converted files should be placed Files are placed to tempdir by default |
| recursive | Boolean value used when searching for files to be converted |
| pattern | Pattern which files need to match to be converted |

Value

List of file paths to converted files is returned

Examples

```
path_to_less_files <- system.file("extdata", package="rless")

convert_folder(path_to_less_files)
convert_folder(path_to_less_files, tempdir())
convert_folder(path_to_less_files, recursive = TRUE)
convert_folder(path_to_less_files, pattern = '*.css$')
```

parse_less

Parse LESS content to CSS

Description

Parse LESS file to CSS and return it as result

Usage

```
parse_less(code)
```

Arguments

| | |
|------|-------------------------------------|
| code | text to be converted in LESS format |
|------|-------------------------------------|

Details

Currently LESS '@import' functionality is not supported.

Value

converted text to CSS

Examples

```
parse_less('.button { .red{ color: red}}')
parse_less('@red: red; .red{ color: @red}')
```

rless

rless: css preprocessor R library

Description

rless is R package providing CSS preprocessor features to R users.

Details

It uses LESS language, which is an CSS extension giving option to use variables, functions or using operators while creating styles. Visit official LESS website (<http://lesscss.org>) for more information about language specifics. The provided LESS content is converted into CSS using V8 JavaScript engine (<https://v8.dev/>).

Author(s)

Maintainer: Jonas Vaclavek <jonas.vaclavek@gmail.com>

Authors:

- Jakub Kuzilek

See Also

Useful links:

- <https://github.com/ciirc-kso/rless>
- Report bugs at <https://github.com/ciirc-kso/rless/issues>

Index

`convert_file`, [2](#), [2](#)

`convert_folder`, [2](#)

`parse_less`, [3](#)

`rless`, [4](#)

`rless-package (rless)`, [4](#)