Package 'rless'

July 23, 2025

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.
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Depends R (>= 3.4)

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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

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Repository CRAN

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Contents

`convert_file` *Converts content of file to CSS*

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` *Converts files in folder to CSS files*

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 filed 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$')
```

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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{ collor: red}}')
parse_less('@red: red; .red{ collor: @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 oficial 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)

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See Also

Useful links:

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

Index