Package: rless (via r-universe)

September 13, 2024

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)

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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

Repository https://ciirc-kso.r-universe.dev

RemoteUrl https://github.com/ciirc-kso/rless

RemoteRef HEAD

RemoteSha f9ead0115861b37fafc8556bcf4383c3449a72d7

Contents

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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}')
```

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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/>).

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See Also

Useful links:

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

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