

Package: solarizeddocx (via r-universe)

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Title A 'Solarized' Theme for 'RMarkdown' `Docx` Documents

Version 0.0.1.9000

Description An 'RMarkdown' output format for 'Microsoft' Word '.docx' documents created by 'pandoc'.

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Encoding UTF-8

LazyData true

Roxygen list(markdown = TRUE)

RoxygenNote 7.1.2

Imports jsonlite, rlang, rmarkdown, stats

URL <https://github.com/tjmahr/solarizeddocx>

BugReports <https://github.com/tjmahr/solarizeddocx/issues>

SystemRequirements pandoc (>= 2.0.4) - <http://pandoc.org>

Repository <https://tjmahr.r-universe.dev>

RemoteUrl <https://github.com/tjmahr/solarizeddocx>

RemoteRef HEAD

RemoteSha 8f82bf16a22cf48c5d32d55b7e0dac936c72cd78

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colors_solarized_light

Syntax highlighting theme building tools

Description

Syntax highlighting theme building tools

Usage

colors_solarized_light()

copy_base_pandoc_theme(path)

set_theme_text_style(data, name, ...)

patch_theme_text_style(data, data_patches)

write_pandoc_theme(data, output_path)

Arguments

path	Path where to save pandoc's built-in syntax highlighting theme.
data	List containing data from a syntax highlighting theme's JSON file.
name	String name of the text styles to modify (e.g., "Function"). The theme is a list with global style settings and a sub-list text-styles with each of the specific token styles. (See examples.) Use "global" to modify the top-level theme elements or a name in data[["text-styles"]] to modify those styles.
...	Key-value pairs setting the style appearance. The keys can be one of the color setters: text (text-color), background (background-color), line (line-number-color), line_background (line-number-background-color). These fields take a hex color value. The keys can also be one of the font style setters: bold, underline, italic. These fields take TRUE or FALSE.
data_patches	Alternatively, we can provide provide a list of patches and use those to call set_theme_text_style(). For example, list(global = list(text = "#657b83"), Comment = list(color = "#93a1a1")) would apply the approach changes to the global and comment styles.
output_path	Path where to write out a pandoc syntax highlighting theme JSON file.

Value

copy_base_pandoc_theme(path) saves the pandoc syntax highlighting theme's JSON data to path and returns the path invisibly. set_theme_text_style() and patch_theme_text_style() return a modified syntax highlighting theme. write_pandoc_theme() writes out the pandoc syntax highlighting theme to a JSON file and invisibly returns the original data. colors_solarized_light() returns a list with the solarized light colors.

References

Solarized Light Theme colors via <https://github.com/altercation/solarized#the-values>

Examples

```
## Not run:
s <- tempfile()
copy_base_pandoc_theme(s)
data_theme <- jsonlite::read_json(s)
str(data_theme, max.level = 2)
str(data_theme$`text-styles`$Comment)

# Interactive (pipe-able) interface

# bold pink roman comments
my_theme <- set_theme_text_style(
  data_theme,
  "Comment",
  text = "#ff748c",
  bold = TRUE,
  italic = FALSE
)
str(my_theme$`text-styles`$Comment)

# Patching interface

# Stub for a Fairy Floss theme https://github.com/sailorhg/fairyfloss
data_theme_patches <- list(
  global = list(text = "#F8F8F2", background = "#5A5475"),
  Function = list(text = "#C2FFDF"),
  Operator = list(text = "#FFB8D1"),
  Float = list(text = "#C5A3FF")
)
my_theme2 <- patch_theme_text_style(data_theme, data_theme_patches)
str(my_theme2$`text-styles`$Function)
str(my_theme2$`text-styles`$Float)

## End(Not run)
```

demo_document

Render and open the demo RMarkdown file

Description

Render and open the demo RMarkdown file

Usage

```
demo_document()
```

Value

This function renders the built-in RMarkdown file and opens it. It returns the path to the rendered file invisibly.

document

Solarized Syntax Highlighting in Microsoft Word

Description

Solarized Syntax Highlighting in Microsoft Word

Usage

```
document(
  ...,
  reference_docx = "solarized",
  highlight = "solarized",
  syntax_definition = "solarized",
  pandoc_args = character(0)
)
```

Arguments

...	Arguments passed to <code>rmarkdown::word_document()</code> .
reference_docx	Reference docx file to use. By default, this value is set to use "solarized" to use this package's file. Alternatively, one could "default" for pandoc's default file or a path to a custom docx file.
highlight	Syntax highlighting style to use. By default, this value is set to "solarized" to use this package's syntax definition. See alternatives in <code>rmarkdown::word_document()</code> .
syntax_definition	Syntax definition to use for syntax highlighting. Defaults to "solarized" to use this package's language definition. This option is not one available to <code>rmarkdown::word_document()</code> , but setting this argument to NULL or "default" will use the default behavior.
pandoc_args	Additional command line options to pass to pandoc. (This should be a character vector of options.)

Value

An RMarkdown output format for Word documents.

Examples

```
## Not run:
rmarkdown::render("test.Rmd", output_format = solarizeddocx::document())

## End(Not run)
```

fileresources	<i>Retrieve file paths to package resources</i>
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Description

Retrieve file paths to package resources

Usage

```
file_reference_docx()
```

```
file_syntax_definition()
```

```
file_solarized_light_theme()
```

```
file_syntax_test()
```

```
file_code_block()
```

Value

`file_reference_docx()` returns the path to the reference docx file used by this package. `file_syntax_definition()` returns the path to the XML file specifying how pandoc should highlight the code in the document. `file_solarized_light_theme()` returns the path to the .theme file used by this package. `file_syntax_test()` returns the path to the RMarkdown file used by `demo_document()`. `file_code_block()` returns a minimal .Rmd file with a single code block for small illustrations.

References

the reference docx is a modified version of the own built into pandoc by John MacFarlane. The syntax definition is a modified version of the one by the KDE developers. I used the code here: <https://github.com/KDE/syntax-highlighting/blob/master/data/syntax/r.xml>

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