

Package ‘rasciidoc’

September 22, 2020

Title Create Reports Using R and 'asciidoc'

Version 2.2.0

Description Inspired by Karl Broman`s reader on using 'knitr' with 'asciidoc' (http://kbroman.org/knitr_knutshell/pages/asciidoc.html), this is merely a wrapper to 'knitr' and 'asciidoc'.

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URL <https://gitlab.com/fvafrcu/rasciidoc>

Depends R (>= 3.3.0)

Imports document, git2r, highr, knitr, reticulate, xfun

Suggests devtools, pkgload, rmarkdown, rprojroot, RUnit, testthat, withr

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

SystemRequirements python >= 2.6, by default rasciidoc uses a system installation of asciidoc. If a system installation of asciidoc is not available, it downloads the sources from (<http://gitlab.com/asciidoc>). GNU source-highlight is recommended.

NeedsCompilation no

Author Andreas Dominik Cullmann [aut, cre]

Maintainer Andreas Dominik Cullmann <fvafrcu@mailbox.org>

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R topics documented:

rasciidoc-package	2
adjust_asciidoc_hooks	2
rasciidoc	3
render	4

Index**6**

 rasciidoc-package *Create Reports Using R and asciidoc*

Description

Inspired by Karl Broman's reader on using **knitr** with asciidoc (http://kbroman.org/knitr_knutshell/pages/asciidoc.html), this is merely a wrapper to **knitr** and asciidoc.

Arguments

write_to_disk Write to disk? See **Warning**.

Details

You will find the details in
 vignette("An_Introduction_to_rasciidoc", package = "rasciidoc").

Warning

Due to the CRAN policy of not writing "anywhere else on the file system apart from the R session's temporary directory", we work on a temporary copy of file_name. Thus all internal sourcing and internal links will be broken and any output is written to tempdir(). Set the option "write_to_disk" to TRUE (using options(write_to_disk = TRUE) to bypass this. You may want to include the above line into your ~/.Rprofile.

 adjust_asciidoc_hooks *Adjust **knitr**'s Hooks for asciidoc*

Description

By default, **knitr** renders messages, warnings and errors to [NOTE|WARNING|ERROR]-blocks in asciidoc, which is ... not my choice. To restore **knitr**'s behaviour, set hooks or replacement to **NULL**.

Usage

```
adjust_asciidoc_hooks(
  hooks = c("message", "error", "warning"),
  replacement = "source"
)
```

Arguments

hooks	Character vector naming the output hooks to be replaced by the replacement's hooks.
replacement	The hook with which to replace the hooks given by hooks.

Details

This is a modified version of `render_asciidoc` of **knitr** version 1.18.7.

Value

The return value of `knit_hooks$set`, invisibly `NULL`, currently.

rasciidoc	<i>Render an asciidoc File</i>
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Description

This is the basic interface to asciidoc. Not more than a call to `system2` and checks on asciidoc and source-highlight. You should usually not call it directly, see `render` for a wrapper.

Usage

```
rasciidoc(file_name, write_to_disk = getOption("write_to_disk"), ...)
```

Arguments

file_name	The file to run asciidoc on.
write_to_disk	Write to disk? See Warning .
...	arguments passed to asciidoc via <code>system2</code> .

Value

Invisibly asciidoc's return value.

Warning

Due to the CRAN policy of not writing "anywhere else on the file system apart from the R session's temporary directory", we work on a temporary copy of `file_name`. Thus all internal sourcing and internal links will be broken and any output is written to `tempdir()`. Set the option "write_to_disk" to `TRUE` (using `options(write_to_disk = TRUE)`) to bypass this. You may want to include the above line into your `~/.Rprofile`.

See Also

[render](#)

Examples

```

if (!is_windows()) { # CRAN windows complains about elapsed times
  wd <- file.path(tempdir(), "rasciidoc")
  dir.create(wd)
  file <- system.file("files", "minimal", "knit.asciidoc",
                     package = "rasciidoc")
  file.copy(file, wd)
  rasciidoc::rasciidoc(file.path(wd, basename(file)), "-b html")
  if (isTRUE(getOption("write_to_disk"))) {
    dir(wd, full.names = TRUE)
  } else {
    dir(tempdir(), full.names = TRUE)
  }
  unlink(wd, recursive = TRUE)
}

```

render

Spin or Knit and Render a ‘Rasciidoc’ File

Description

Spin or Knit (if required) and render an ‘Rasciidoc’ file.

Usage

```

render(
  file_name,
  knit = NA,
  write_to_disk = getOption("write_to_disk"),
  envir = parent.frame(),
  hooks = c("message", "error", "warning"),
  replacement = "source",
  asciidoc_args = NULL,
  what = c("auto", "all", "no_slides", "slides"),
  clean = FALSE,
  ...
)

```

Arguments

<code>file_name</code>	The file to render.
<code>knit</code>	Knit the file first using <code>knitr::knit</code> ? If set to <code>NA</code> , knitting is based on the file’s contents or name. Set to <code>TRUE</code> to force knitting or to <code>FALSE</code> (anything apart from <code>TRUE</code> or <code>NA</code> , really), to disable knitting.
<code>write_to_disk</code>	Write to disk? See Warning .
<code>envir</code>	The frame in which to render.

hooks	Character vector naming the output hooks to be replaced by the replacement's hooks.
replacement	The hook with which to replace the hooks given by hooks.
asciidoc_args	arguments passed to asciidoc via system2 .
what	What is to be rendered? "all" renders everything, "no_slides" renders parts that are not meant for slides, "slides" renders parts that are meant for slides. The defaults looks for any in- or exclusion tagging and renders parts that are not meant for slides if found any, else it renders everything.
clean	Remove temporary file(s)?
...	Only there to register as vignette engine. Do not use!

Value

The return value of [rasciidoc](#).

Warning

Due to the CRAN policy of not writing "anywhere else on the file system apart from the R session's temporary directory", we work on a temporary copy of `file_name`. Thus all internal sourcing and internal links will be broken and any output is written to `tempdir()`. Set the option "write_to_disk" to TRUE (using `options(write_to_disk = TRUE)` to bypass this. You may want to include the above line into your `~/.Rprofile`.

See Also

[rasciidoc](#)

Examples

```
if (!is_windows()) { # CRAN windows complains about elapsed times
  wd <- file.path(tempdir(), "rasciidoc")
  dir.create(wd)
  file <- system.file("files", "minimal", "knit.Rasciidoc",
                     package = "rasciidoc")
  file.copy(file, wd)
  rasciidoc::render(file.path(wd, basename(file)), asciidoc_args = "-b slidy")
  if (isTRUE(getOption("write_to_disk"))) {
    dir(wd, full.names = TRUE)
  } else {
    dir(tempdir(), full.names = TRUE)
  }
  unlink(wd, recursive = TRUE)
}
```

Index

* package

rasciidoc-package, 2

adjust_asciidoc_hooks, 2

FALSE, 4

Invisibly, 3

invisibly, 3

knit_hooks, 3

knitr::knit, 4

NA, 4

NULL, 2, 3

rasciidoc, 3, 5

rasciidoc-package, 2

render, 3, 4

system2, 3, 5

TRUE, 4