Package 'rasciidoc'

November 10, 2021

Title Create Reports Using R and 'asciidoc'

Version 4.0.2

Description Inspired by Karl Broman`s reader on using 'knitr'
with 'asciidoc'
(<https://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 checkmate, document (>= 3.3.0), fritools (>= 1.3.0), gert,
highr, knitr, reticulate, tools

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

Encoding UTF-8

RoxygenNote 7.1.2

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.

VignetteBuilder rasciidoc

NeedsCompilation no

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R topics documented:

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rasciidoc-package *Create Reports Using R and* asciidoc

Description

Inspired by *Karl Broman*'s reader on using **knitr** with asciidoc (https://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'.

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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.

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rasciidoc   *Render an* asciidoc *File*

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"),
  enforce_requirements = getOption("enforce_requirements"),
  git_checkout_asciidoc_tag = NA
)
```

Arguments

file_name   The file to run asciidoc on.

...   arguments passed to asciidoc via [system2](#).

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

enforce_requirements

              Should system requirements be enforced (CRAN requires packages to pass checks
              if system requirements (external commands) are not met)? Set to [TRUE](#) to en-
              force.

git_checkout_asciidoc_tag

> If asciidoc is not installed, it is loaded from <https://github.com/>. Depending on your python version (python2 or python3), asciidoc for python2 or python3 is loaded. You may specify a tag to use with the repository. Either pass
>
> 1. a tag number as a string ("9.1.0", for example),
> 2. NULL to force the latest tagged version, or
> 3. NA
>
> Don't mind, just stick with the default. You would have to know which python version will be used.

Value

Invisibly TRUE or FALSE, depending on success.

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

```
# CRAN complains about elapsed times
if (fritools::is_running_on_fvafrcu_machines()) {
    wd <- file.path(tempdir(), "rasciidoc")
    dir.create(wd)
    file  <- system.file("files", "minimal", "knit.asciidoc",
                         package = "rasciidoc")
    file.copy(file, wd)
    r <- rasciidoc::rasciidoc(file_name = file.path(wd, basename(file)),
                              write_to_disk = getOption("write_to_disk"),
                              "-b html")
    if (interactive()) browseURL(attr(r, "info")[["output"]])
    if (isTRUE(getOption("write_to_disk"))) {
        dir(wd, full.names = TRUE)
    } else {
        dir(tempdir(), full.names = TRUE)
    }
    unlink(wd, recursive = TRUE)
}
```

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 = "-b html",
  what = c("auto", "all", "no_slides", "slides"),
  git_checkout_asciidoc_tag = NA,
  clean = FALSE,
  ...
)
```

Arguments

file_name	The file to render.
knit	Knit the file first using `knitr::knit`? If set to `NA`, knitting is based on the file's contents or name. Set to `TRUE` to force knitting or to `FALSE`, to disable knitting.
write_to_disk	Write to disk? See **Warning**.
envir	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.
git_checkout_asciidoc_tag	
	If `asciidoc` is not installed, it is loaded from `https://github.com/`. Depending on your python version (python2 or python3), asciidoc for python2 or python3 is loaded. You may specify a tag to use with the repository. Either pass

1. a tag number as a string ("9.1.0", for example),
2. `NULL` to force the latest tagged version, or

3. [NA](#)

Don't mind, just stick with the default. You would have to know which python version will be used.

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

```
# CRAN complains about elapsed times
if (fritools::is_running_on_fvafrcu_machines()) {
    wd <- file.path(tempdir(), "rasciidoc")
    dir.create(wd)
    file  <- system.file("files", "minimal", "knit.Rasciidoc",
                         package = "rasciidoc")
    file.copy(file, wd)
    r <- rasciidoc::render(file.path(wd, basename(file)),
                           write_to_disk = getOption("write_to_disk"),
                           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)
}
```

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