

# Package ‘rasciidoc’

March 3, 2019

**Title** Create Reports Using R and 'asciidoc'

**Version** 2.0.0

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

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**URL** <https://github.com/fvafrcu/rasciidoc>

**Depends** R (>= 3.3.0)

**Imports** document, knitr, highr

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

**VignetteBuilder** knitr

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.1.1

**SystemRequirements** asciidoc (<<https://asciidoc.org>>), source-highlight is recommend.

**NeedsCompilation** no

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**Repository** CRAN

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rasciidoc-package      *Create Reports Using R and asciidoc*

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### Description

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

### 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*

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### 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

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

### Details

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

**Value**

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

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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, ...)
```

**Arguments**

<code>file_name</code>	The file to run asciidoc on.
<code>...</code>	arguments passed to asciidoc via <code>system2</code> .

**Value**

Invisibly asciidoc 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`.

**Examples**

```
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 docbook")
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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render

*Spin or Knit and Render a ‘Rasciidoc’ File*


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### Description

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

### Usage

```
render(file_name, knit = NA, 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>envir</code>	The frame in which to render.
<code>hooks</code>	Character vector naming the output hooks to be replaced by the replacement’s hooks.
<code>replacement</code>	The hook with which to replace the hooks given by <code>hooks</code> .
<code>asciidoc_args</code>	arguments passed to <code>asciidoc</code> via <code>system2</code> .
<code>what</code>	What is to be rendered? <code>"all"</code> renders everything, <code>"no_slides"</code> renders parts that are not meant for slides, <code>"slides"</code> 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, and everything else. renders
<code>clean</code>	Remove temporary file(s)?

### 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`.

**Examples**

```
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)
```

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