

# Package ‘rmdfiltr’

May 5, 2019

**Type** Package

**Title** 'Lua' filters for R Markdown

**Version** 0.1.0

**URL** <https://github.com/crsh/rmdfiltr>

**BugReports** <https://github.com/crsh/rmdfiltr/issues>

**Description** A collection of 'Lua' filters that extend the functionality of R Markdown templates (e.g., count words or post-process 'pandoc-citeproc'-citations).

**Imports** assertthat (>= 0.2.1), utils, rmarkdown (>= 1.12)

**SystemRequirements** pandoc (>= 2.0; <https://pandoc.org>)

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.1.0

**Suggests** dplyr (>= 0.8.0.1), ggplot2 (>= 3.0.0), knitr (>= 1.22), spelling (>= 2.1), testthat (>= 2.0.0), tibble (>= 2.1.1)

**Language** en-US

**VignetteBuilder** knitr

**NeedsCompilation** no

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**Repository** CRAN

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add_lua_filter	<i>Add filter to pandoc arguments</i>
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### Description

Adds a filter call to the vector of pandoc command line arguments.

### Usage

```
add_lua_filter(args = NULL, filter_name, report = "error")
```

```
add_wordcount_filter(args = NULL, report = "error")
```

```
add_replace_ampersands_filter(args = NULL, report = "error")
```

```
add_citeproc_filter(args = NULL, report = "error")
```

```
add_custom_filter(args = NULL, filter_path, lua = FALSE,
  report = "error")
```

### Arguments

args	Character. (Vector of) pandoc command line arguments.
filter_name	Character. Name(s) of the Lua filter to add. See details.
report	Character. In case pandoc version is < 2.0 errors if error, warns if warn, or remains silent otherwise.
filter_path	Character. Path to filter file.
lua	Logical. Whether the filter(s) was written in Lua (results in <code>--lau-filter-call</code> ) or not (results in <code>--filter-call</code> ). Will be recycled to fit length of <code>filter_path</code> .

### Details

The following Lua filters are available from **rmdfilter**. Convenience functions named after the filter are available (e.g. `add_*_filter()`).

**replace\_ampersands** Searches for citations added by `pandoc-citeproc` and replaces `&` with `and` in all in-text citations (e.g., as required by APA style). If `lang` is specified in the documents YAML front matter, the corresponding translation is used, if available. Be sure to set `citeproc: no` in the YAML front matter of the document and call `pandoc-citeproc` manually (e.g., using `add_citeproc_filter`). For details see `vignette("replace_ampersands", package = "rmdfilter")`.

**wordcount** The body of the text and reference sections are counted separately. The word count for the text body does not contain, tables or images (or their captions). The filter reports the word count in the console or the R Markdown tab in 'RStudio'. For details see `vignette("wordcount", package = "rmdfilter")`.

**Examples**

```
add_lua_filter(NULL, "wordcount", report = "silent")
add_wordcount_filter(NULL, report = "silent")
add_replace_ampersands_filter(NULL, report = "silent")
add_citeproc_filter(NULL)
add_custom_filter(NULL, filter_path = "foo/bar")
```

---

verify\_pandoc\_version *Verify minimum pandoc version*

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**Description**

Verifies that pandoc version 2.0 or later is available.

**Usage**

```
verify_pandoc_version(report = "error")
```

**Arguments**

report	Character. In case pandoc version is < 2.0 errors if error, warns if warn, or remains silent otherwise.
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**Value**

Logical. TRUE if pandoc version is 2.0 or later, FALSE otherwise.

**Examples**

```
verify_pandoc_version(report = "silent")
```

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