

# Package ‘articles’

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**Type** Package

**Title** Article Formats for R Markdown

**Version** 0.4.1

**Description** A suite of custom R Markdown formats and templates for authoring journal articles and conference submissions.

**License** GPL-3

**Imports** utils, rmarkdown, knitr, yaml

**SystemRequirements** GNU make

**RoxygenNote** 6.0.1

**Suggests** testthat

**NeedsCompilation** no

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acm_article	<i>Association for Computing Machinery (ACM) format.</i>
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### Description

Format for creating an Association for Computing Machinery (ACM) articles. Adapted from <http://www.acm.org/publications/article-templates/proceedings-template.html>.

### Usage

```
acm_article(...)
```

### Arguments

```
... Arguments to rmarkdown::pdf_document
```

### Value

R Markdown output format to pass to [render](#)

### Examples

```
## Not run:
library(rmarkdown)
draft("MyArticle.Rmd", template = "acm_article", package = "rticles")

## End(Not run)
```

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acs_article	<i>American Chemical Society (ACS) Journal format.</i>
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### Description

Format for creating an American Chemical Society (ACS) Journal articles. Adapted from <http://pubs.acs.org/page/4authors/su>

### Usage

```
acs_article(..., keep_tex = TRUE, md_extensions = c("-autolink_bare_uris"),
  fig_caption = TRUE)
```

### Arguments

...	Arguments to <code>rmarkdown::pdf_document</code>
keep_tex	Keep the intermediate tex file used in the conversion to PDF
md_extensions	Markdown extensions to be added or removed from the default definition or R Markdown. See the <a href="#">rmarkdown_format</a> for additional details.
fig_caption	TRUE to render figures with captions

### Value

R Markdown output format to pass to [render](#)

### Examples

```
## Not run:
library(rmarkdown)
draft("MyArticle.Rmd", template = "acs_article", package = "rticles")

## End(Not run)
```

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aea_article	<i>American Economic Association journal submissions.</i>
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### Description

Format for creating submissions to the American Economic Association (AER, AEJ, JEL, PP).

### Usage

```
aea_article(..., keep_tex = TRUE, md_extensions = c("-autolink_bare_uris"))
```

**Arguments**

... Additional arguments to `rmarkdown::pdf_document`

`keep_tex` Keep the intermediate tex file used in the conversion to PDF

`md_extensions` Markdown extensions to be added or removed from the default definition or R Markdown. See the [rmarkdown\\_format](#) for additional details.

**Value**

R Markdown output format to pass to [render](#)

**Examples**

```
## Not run:
library(rmarkdown)
draft("MyArticle.Rmd", template = "aea_article", package = "rticles")

## End(Not run)
```

---

ams\_article

*American Meteorological Society (AMS) Journal format.*

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**Description**

Format for creating an American Meteorological Society (AMS) Journal articles. Adapted from <https://www.ametsoc.org/ams/index.cfm/publications/authors/journal-and-bams-authors/author-resources/latex-author-info/>.

**Usage**

```
ams_article(..., keep_tex = TRUE, md_extensions = c("-autolink_bare_uris"))
```

**Arguments**

... Arguments to `rmarkdown::pdf_document`

`keep_tex` Keep the intermediate tex file used in the conversion to PDF

`md_extensions` Markdown extensions to be added or removed from the default definition or R Markdown. See the [rmarkdown\\_format](#) for additional details.

**Value**

R Markdown output format to pass to [render](#)

## Examples

```
## Not run:  
library(rmarkdown)  
draft("MyArticle.Rmd", template = "ams_article", package = "rticles")  
  
## End(Not run)
```

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asa_article	<i>American Statistical Association (ASA) Journal format.</i>
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## Description

This format was adapted from The American Statistician format, but it should be fairly consistent across ASA journals

## Usage

```
asa_article(..., keep_tex = TRUE, citation_package = "natbib")
```

## Arguments

...	Arguments to rmarkdown::pdf_document
keep_tex	Keep the intermediate tex file used in the conversion to PDF
citation_package	The LaTeX package to process citations, natbib or biblatex. Use none if neither package is to be used.

## Value

R Markdown output format to pass to [render](#)

## Examples

```
## Not run:  
rmarkdown::draft("MyArticle.Rmd", template = "asa_article", package = "rticles")  
  
## End(Not run)
```

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 ctex

*A PDF format for documents based on the LaTeX package **ctex***


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### Description

ctex() is a wrapper function for rmarkdown::pdf\_document() and changed the default values of two arguments template and latex\_engine so it works better with the **ctex** package.

### Usage

```
ctex(..., template = ctex_template(), latex_engine = "xelatex")
```

```
ctex_template()
```

### Arguments

```
..., template, latex_engine
      Passed to markdown::pdf_document()
```

### Value

ctex() returns a format that can be passed to rmarkdown::render(); ctex\_template() returns the path to a LaTeX template in **rticles** for Chinese documents using the **ctex** package.

### Examples

```
## Not run:
library(rmarkdown)
draft("MyArticle.Rmd", template = "ctex", package = "rticles")

## End(Not run)
```

---

 elsevier\_article

*Elsevier journal format.*


---

### Description

Format for creating submissions to Elsevier journals. Adapted from <https://www.elsevier.com/authors/author-schemas/latex-instructions>.

### Usage

```
elsevier_article(..., keep_tex = TRUE,
  md_extensions = c("-autolink_bare_uris"))
```

**Arguments**

... Additional arguments to `rmarkdown::pdf_document`

`keep_tex` Keep the intermediate tex file used in the conversion to PDF

`md_extensions` Markdown extensions to be added or removed from the default definition or R Markdown. See the [rmarkdown\\_format](#) for additional details.

**Value**

R Markdown output format to pass to [render](#)

**Examples**

```
## Not run:
library(rmarkdown)
draft("MyArticle.Rmd", template = "elsevier_article", package = "rticles")

## End(Not run)
```

---

`jss_article`

*Journal of Statistical Software (JSS) format.*

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**Description**

Format for creating a Journal of Statistical Software (JSS) articles. Adapted from <http://www.jstatsoft.org/about/submissions>.

**Usage**

```
jss_article(..., keep_tex = TRUE, citation_package = "natbib")
```

**Arguments**

... Arguments to `rmarkdown::pdf_document`

`keep_tex` Keep the intermediate tex file used in the conversion to PDF

`citation_package` The LaTeX package to process citations, `natbib` or `bibtex`. Use `none` if neither package is to be used.

**Value**

R Markdown output format to pass to [render](#)

## Examples

```
## Not run:  
library(rmarkdown)  
draft("MyArticle.Rmd", template = "jss_article", package = "rticles")  
  
## End(Not run)
```

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plos_article	<i>PLOS journal format.</i>
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## Description

Format for creating submissions to PLOS journals. Adapted from <http://journals.plos.org/ploscompbiol/s/latex>.

## Usage

```
plos_article(..., keep_tex = TRUE, md_extensions = c("-autolink_bare_uris"))
```

## Arguments

...	Additional arguments to <code>rmarkdown::pdf_document</code>
<code>keep_tex</code>	Keep the intermediate tex file used in the conversion to PDF
<code>md_extensions</code>	Markdown extensions to be added or removed from the default definition or R Markdown. See the <a href="#">rmarkdown_format</a> for additional details.

## Value

R Markdown output format to pass to [render](#)

## Examples

```
## Not run:  
library(rmarkdown)  
draft("MyArticle.Rmd", template = "plos_article", package = "rticles")  
  
## End(Not run)
```



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pnas_article	<i>PNAS journal format.</i>
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**Description**

Format for creating submissions to PNAS journals.

**Usage**

```
pnas_article(..., keep_tex = TRUE)
```

**Arguments**

...	Additional arguments to <code>rmarkdown::pdf_document</code>
keep_tex	Keep the intermediate tex file used in the conversion to PDF

**Value**

R Markdown output format to pass to [render](#)

**Examples**

```
## Not run:  
library(rmarkdown)  
draft("MyArticle.Rmd", template = "pnas_article", package = "rticles")  
  
## End(Not run)
```

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rjournal_article	<i>R Journal format.</i>
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**Description**

Format for creating R Journal articles. Adapted from <https://journal.r-project.org/submissions.html>.

**Usage**

```
rjournal_article(...)
```

**Arguments**

...	Arguments to <code>rmarkdown::pdf_document</code>
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**Value**

R Markdown output format to pass to [render](#)

**Examples**

```
## Not run:  
library(rmarkdown)  
draft("MyArticle.Rmd", template = "rjournal_article", package = "rticles")  
  
## End(Not run)
```

---

rss\_article

*Royal Statistical Society Journal Format*

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**Description**

Format for creating articles for Royal Statistical Society Adapted from [https://www.rss.org.uk/RSS/Publications/Journals/Journals\\_get\\_involved/RSS/Publications/Journals\\_sub/Get\\_Involved.aspx](https://www.rss.org.uk/RSS/Publications/Journals/Journals_get_involved/RSS/Publications/Journals_sub/Get_Involved.aspx)

**Usage**

```
rss_article(..., keep_tex = TRUE, citation_package = "natbib")
```

**Arguments**

... Arguments to rmarkdown::pdf\_document

keep\_tex Keep the intermediate tex file used in the conversion to PDF

citation\_package The LaTeX package to process citations, natbib or biblatex. Use none if neither package is to be used.

**Value**

R Markdown output format to pass to [render](#)

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sim_article	<i>Statistics in Medicine format.</i>
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### Description

Format for creating submissions to Statistics in Medicine. Adapted from [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)0258/homepage/la\\_tex\\_class\\_file.htm](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)0258/homepage/la_tex_class_file.htm).

### Usage

```
sim_article(..., highlight = NULL, citation_package = "natbib")
```

### Arguments

...	Additional arguments to <code>rmarkdown::pdf_document</code>
highlight	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", and "haddock". Pass NULL to prevent syntax highlighting.
citation_package	The LaTeX package to process citations, natbib or biblatex. Use none if neither package is to be used.

### Value

R Markdown output format to pass to [render](#)

### Examples

```
## Not run:  
library(rmarkdown)  
draft("MyArticle.Rmd", template = "sim_article", package = "rticles")  
  
## End(Not run)
```

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