

Package: rticles (via r-universe)

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Type Package

Title Article Formats for R Markdown

Version 0.27.18

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

License GPL-3

URL <https://github.com/rstudio/rticles>,
<https://pkgs.rstudio.com/rticles/>

BugReports <https://github.com/rstudio/rticles/issues>

Imports knitr (>= 1.30), lifecycle, rmarkdown (>= 2.32), tinytex (>= 0.30), utils, xfun, yaml

Suggests bookdown, withr, covr, testit, testthat (>= 3.2.0), xtable

Config/Needs/website magick, pdftools, gifski, tidyverse/tidytemplate, rstudio/quillt

Config/testthat/edition 3

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.3

SystemRequirements GNU make, pandoc (>= 2.8) - <https://pandoc.org>

Config/pak/sysreqs cmake make libuv1-dev

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acm_article	<i>R Markdown output formats for (journal) articles</i>
-------------	---

Description

Most article formats are based on `rmarkdown::pdf_document()`, with a custom Pandoc LaTeX template and different default values for other arguments (e.g., `keep_tex = TRUE`).

Usage

```
acm_article(...)

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

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

agu_article(
  ...,
  keep_tex = TRUE,
  citation_package = "natbib",
  highlight = NULL,
  md_extensions = c("-autolink_bare_uris", "-auto_identifiers")
)
```

```
amq_article(  
  ...,  
  latex_engine = "xelatex",  
  keep_tex = TRUE,  
  fig_caption = TRUE,  
  md_extensions = c("-autolink_bare_uris")  
)  
  
asa_article(..., keep_tex = TRUE, citation_package = "natbib")  
  
arxiv_article(..., keep_tex = TRUE)  
  
bioinformatics_article(..., keep_tex = TRUE, citation_package = "natbib")  
  
biometrics_article(..., keep_tex = TRUE, citation_package = "natbib")  
  
ctex_article(..., template = "default", latex_engine = "xelatex")  
  
ctex(..., template = "default", latex_engine = "xelatex")  
  
elsevier_article(  
  ...,  
  keep_tex = TRUE,  
  md_extensions = c("-autolink_bare_uris"),  
  citation_package = "natbib"  
)  
  
frontiers_article(..., keep_tex = TRUE, citation_package = "natbib")  
  
glossa_article(..., keep_tex = TRUE, latex_engine = "xelatex")  
  
ims_article(  
  journal = c("aoas", "aap", "aop", "aos", "sts"),  
  keep_tex = TRUE,  
  citation_package = "natbib",  
  md_extensions = c("-autolink_bare_uris"),  
  pandoc_args = NULL,  
  ...  
)  
  
informs_article(..., keep_tex = TRUE, citation_package = "natbib")  
  
iop_article(..., keep_tex = TRUE, citation_package = "natbib")  
  
jasa_article(  
  ...,  
  keep_tex = TRUE,  
  latex_engine = "xelatex",
```

```
    citation_package = "natbib"
)

lipics_article(
  ...,
  latex_engine = "pdflatex",
  keep_tex = TRUE,
  citation_package = "natbib",
  md_extensions = c("-autolink_bare_uris", "-auto_identifiers")
)

lncs_article(..., keep_tex = TRUE, citation_package = c("default", "natbib"))

jedm_article(..., keep_tex = TRUE, citation_package = "natbib")

mnras_article(..., keep_tex = TRUE, fig_caption = TRUE)

peerj_article(..., keep_tex = TRUE)

pihph_article(
  ...,
  keep_tex = TRUE,
  latex_engine = "xelatex",
  citation_package = "biblatex"
)

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

pnas_article(..., keep_tex = TRUE)

sage_article(..., highlight = NULL, citation_package = "natbib")

sim_article(
  ...,
  highlight = NULL,
  citation_package = "natbib",
  latex_engine = "xelatex"
)

springer_article(
  ...,
  keep_tex = TRUE,
  citation_package = "natbib",
  number_sections = TRUE,
  latex_engine = "pdflatex",
  pandoc_args = NULL
)
```

```

trb_article(..., keep_tex = TRUE, citation_package = "natbib")

welcomeor_article(
  ...,
  number_sections = FALSE,
  keep_tex = TRUE,
  citation_package = "natbib"
)

isba_article(
  ...,
  keep_tex = TRUE,
  highlight = NULL,
  citation_package = "natbib"
)

```

Arguments

..., number_sections, keep_tex, latex_engine, citation_package,
 highlight, fig_caption, md_extensions, template, pandoc_args
 Arguments passed to `rmarkdown::pdf_document()`.

journal one of "aoas", "aap", "aop", "aos", "sts" for `ims_article`

Value

An R Markdown output format.

Details

You can find more details about each output format below.

acm_article

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

acs_article

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

aea_article

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

agu_article

Format for creating a American Geophysical Union (AGU) article. Adapted from <https://www.agu.org/publications>.

`amq_article`

Ce format a été adapté du format du bulletin de l'AMQ.

`asa_article`

This format was adapted from The American Statistician (TAS) format, but it should be fairly consistent across American Statistical Association (ASA) journals.

`arxiv_article`

Adapted from the George Kour's format for arXiv and bio-arXiv preprints. So far as I'm aware, entirely unofficial but still a staple.

`bioinformatics_article`

Format for creating submissions to a Bioinformatics journal. Adapted from <https://academic.oup.com/bioinformatics/>

`biometrics_article`

This format was adapted from the Biometrics journal.

`ctex_article`

A wrapper function for `rmarkdown::pdf_document()` and the default value of `latex_engine` is changed to `xelatex`, so it works better for typesetting Chinese documents with the LaTeX package **ctex**. The function `ctex` is an alias of `ctex_article`.

`elsevier_article`

Format for creating submissions to Elsevier journals. Adapted from <https://www.elsevier.com/researcher/author/policies-and-guidelines/latex-instructions>.

It requires a minimum version of 2.10 for Pandoc.

`frontiers_article`

Format for creating Frontiers journal articles. Adapted from <https://www.frontiersin.org/about/author-guidelines>.

`glossa_article`

Format for creating submissions to Glossa: a journal of general linguistics. Author Guidelines are available on www.glossa-journal.org. Template is adapted from <https://github.com/guidovw/Glossalatex>.

ims_article

Format for creating submissions to the Institute of Mathematical Statistics **IMS** journals and publications. Adapted from <https://github.com/vtex-soft/texsupport.ims-aoas>.

The argument `journal` accepts the acronym of any of the **journals** in IMS:

- aap: The Annals of Applied Probability
- aoas: The Annals of Applied Statistics
- aop: The Annals of Probability
- aos: The Annals of Statistics
- sts: Statistical Science

informs_article

Format for creating submissions to INFORMS journals. Adapted from ‘<https://pubsonline.informs.org/authorportal>’.

It requires a minimum version of 2.10 for Pandoc.

iop_article

Format for creating submissions to IOP journals. Adapted from ‘<https://publishingsupport.iopscience.iop.org/que>’.

Please read the guidelines at this link when preparing your article.

jasa_article

Format for creating submissions to the Journal of the Acoustical Society of America. Adapted from <https://acousticalsociety.org/preparing-latex-manuscripts/>.

lipics_article

Format for creating submissions to LIPIcs - Leibniz International Proceedings in Informatics - articles. Adapted from the official **Instructions for Authors** and the tagged LIPIcs author kit v2021.1.3, which contains `lipics-v2021.cls` v3.1.3. The kit is provided under The LaTeX Project Public License (LPPL), Version 1.3c.

Dagstuhl’s official bibliography workflow uses BibTeX, raw LaTeX citations such as `\cite{key}`, and the fixed `plainurl` bibliography style. The `citation_package` argument remains user-selectable: “natbib” makes Pandoc translate Markdown citations to natbib commands, but this custom template does not load the unsupported natbib package; “default” uses Pandoc citeproc and is not the official BibTeX workflow. Structured related-version and supplement cite fields emit raw LaTeX citations and therefore require the BibTeX route; omit them when using citeproc. Other rmarkdown citation settings may require user-supplied LaTeX configuration. The template keeps `plainurl` fixed regardless of this argument.

pdfLaTeX is the default and XeLaTeX remains selectable. With the tagged class, the `pdfa` class option works with pdfLaTeX but not XeLaTeX. Existing drafts retain their local v2019 class and legacy thin-space metadata is normalized when rendering with pdfLaTeX.

lncs_article

Format for creating submissions to LNCS - Lecture Notes in Computer Science - articles. Adapted from the official Instructions for Authors at <https://www.springer.com/gp/computer-science/lncs/conference-proceedings-guidelines> and the template from the archive LaTeX2e+Proceedings+Templates+downloaded with version tag 2.21.

jedm_article

Format for creating Journal of Educational Data Mining (JEDM) articles. Adapted from <https://jedm.educationaldatamining.org/index.php/JEDM/information/authors>.

mnras_article

Format for creating an Monthly Notices of Royal Astronomical Society (MNRAS) Journal articles. Adapted from <https://ras.ac.uk>.

peerj_article

Format for creating submissions to The PeerJ Journal. This was adapted from the [PeerJ Overleaf Template](#).

pihph_article

Format for creating submissions to the Papers in Historical Phonology (<https://journals.ed.ac.uk/pihph/about/submissions>). Adapted from <https://github.com/pihph/templates>. This format works well with `latex_engine = "xelatex"` and `citation_package="biblatex"`, which are the default. It may not work correctly if you change these value. In that case, please open an issue and, a PR to contribute a change in the template.

plos_article

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

pnas_article

Format for creating submissions to PNAS journals.

sage_article

Format for creating submissions to Sage Journals. Based on the official Sage Journals Class. Available at https://uk.sagepub.com/sites/default/files/sage_latex_template_4.zip.

Possible arguments for the YAML header are:

- `title` title of the manuscript
- `runninghead` short author list for header
- `author` list of authors, containing name and num
- `address` list containing num and org for defining author affiliations

- corrauth corresponding author name and address
- email correspondence email
- abstract abstract, limited to 200 words
- keywords keywords for the article
- bibliography BibTeX .bib file name
- classoption options of the sagej class
- header-includes: custom additions to the header, before the `\begin{document}` statement
- include-after: for including additional LaTeX code before the `\end{document}` statement

sim_article

Format for creating submissions to Statistics in Medicine. Based on the official Statistics in Medicine at <https://authorservices.wiley.com/author-resources/Journal-Authors/Prepare/new-journal-design.html>.

This format uses xelatex by default as PDF engine to support the specific NJD fonts, per guideline.

Possible arguments for the YAML header are:

- title title of the manuscript
- author list of authors, containing name and num
- address list containing num and org for defining author affiliations
- presentaddress not sure what they mean with this
- corres author and address for correspondence
- authormark short author list for header
- received, revised, accepted dates of submission, revision, and acceptance of the manuscript
- abstract abstract, limited to 250 words
- keywords up to 6 keywords
- abbreviations, list of abbreviations and description separated by a comma
- bibliography BibTeX .bib file
- classoption options of the WileyNJD class
- longtable set to true to include the longtable package, used by default from pandoc to convert markdown to LaTeX code
- header-includes: custom additions to the header, before the `\begin{document}` statement
- include-after: for including additional LaTeX code before the `\end{document}` statement

springer_article

This format was adapted from the Springer Macro package for Springer Journals.

trb_article

Format for creating submissions to the Transportation Research Board Annual Meeting. Adapted from `'https://www.overleaf.com/latex/templates/transportation-research-board-trb-latex-template/jkfn'` which in turn is hosted at `'https://github.com/chiehrosswang/TRB_LaTeX_tex'`

wellcomeor_article

Format for creating submissions to Wellcome Open Research. Adapted from <overleaf.com/latex/templates/wellcome-open-research-article-template/hsmhhbpxvbj>.

isba_article

Format for creating submissions to Bayesian analysis. Based on the official Bayesian analysis [class](#). Template shows how to use this format as a base format for bookdown: :pdf_book, but it can very well be used on its own (with limitations that figure referencing will not work). Note that the template sets md_extensions to exclude -autolink_bare_uris because otherwise author emails produce error

Possible arguments for the YAML header are:

- title title of the manuscript. Shorter version of the title can be provided as runtitle.
- classoption should equal ba or ba,preprint for supplementary article.“
- author list of authors, containing firstname, lastname, email, url, affiliationref (as code) and footnoterefs (as list of codes)
- affiliations list containing ref (code for defining author affiliations), institution name and address itself
- footnotes a list of two-element entries: ref and text
- abstract abstract, limited to 250 words
- MSC2020primary, MSC2020primary lists of codes from [MCS2020 database](#)
- keywords a list of keywords
- supplements a list of entries with two elements title and description
- doi DOI of the article
- arxiv Arxiv id
- acknowledgements acknowledgement text, limited to 250 words
- bibliography BibTeX .bib file
- longtable set to true to include the longtable package, used by default from pandoc to convert markdown to LaTeX code
- header-includes: custom additions to the header, before the \begin{document} statement
- include-after: for including additional LaTeX code before the \end{document} statement

Examples

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

## End(Not run)
```

ajs_article	<i>Austrian Journal of Statistics (AJS) format.</i>
-------------	---

Description

Format for creating a Austrian Journal of Statistics (AJS) article. Adapted from <https://www.jstatsoft.org/about/submissions>.

Usage

```
ajs_article(
  ...,
  keep_tex = TRUE,
  citation_package = "natbib",
  pandoc_args = NULL
)
```

Arguments

...	Arguments to <code>rmarkdown::pdf_document()</code>
keep_tex	Keep the intermediate tex file used in the conversion to PDF. Note that this argument does not control whether to keep the auxiliary files (e.g., '.aux') generated by LaTeX when compiling '.tex' to '.pdf'. To keep these files, you may set <code>options(tinytex.clean = FALSE)</code> .
citation_package	The LaTeX package to process citations, natbib or biblatex. Use default if neither package is to be used, which means citations will be processed via the command <code>pandoc-citeproc</code> .
pandoc_args	Additional command line options to pass to pandoc

ams_article	<i>American Meteorological Society journals format.</i>
-------------	---

Description

Format for creating submissions to American Meteorological Society journals.

Usage

```
ams_article(
  ...,
  keep_tex = TRUE,
  citation_package = "natbib",
  md_extensions = c("-autolink_bare_uris", "-auto_identifiers"),
  pandoc_args = NULL
)
```

Arguments

...	Additional arguments to <code>rmarkdown::pdf_document()</code> . Note: extra_dependencies are not allowed as Copernicus does not support additional packages included via <code>\usepackage{}</code> .
keep_tex	Keep the intermediate tex file used in the conversion to PDF. Note that this argument does not control whether to keep the auxiliary files (e.g., '.aux') generated by LaTeX when compiling '.tex' to '.pdf'. To keep these files, you may set <code>options(tinytex.clean = FALSE)</code> .
citation_package	only natbib is supported with this template.
md_extensions	Markdown extensions to be added or removed from the default definition of R Markdown. See the rmarkdown_format for additional details.
pandoc_args	Additional command line options to pass to pandoc

Details

This was adapted from <https://www.ametsoc.org/index.cfm/ams/publications/author-information/latex-author-info/>.

The template require some default knitr option to be change:

- `echo = FALSE` as no R code should be shown
- `fig.path = ""` as all directory paths need to be removed from figure names
- `out.extra = ""` to force figure labels with knitr

Value

An R Markdown output format.

Examples

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

## End(Not run)
```

`copernicus_article` *Copernicus journals format.*

Description

Format for creating submissions to Copernicus journals.

Usage

```
copernicus_article(
  ...,
  keep_tex = TRUE,
  highlight = NULL,
  citation_package = "natbib",
  md_extensions = c("-autolink_bare_uris", "-auto_identifiers")
)

copernicus_journal_abbreviations(journal_name = "*")
```

Arguments

...	Additional arguments to <code>rmarkdown::pdf_document()</code> . Note: extra_dependencies are not allowed as Copernicus does not support additional packages included via <code>\usepackage{}</code> .
keep_tex	Keep the intermediate tex file used in the conversion to PDF. Note that this argument does not control whether to keep the auxiliary files (e.g., <code>.aux</code>) generated by LaTeX when compiling <code>.tex</code> to <code>.pdf</code> . To keep these files, you may set <code>options(tinytex.clean = FALSE)</code> .
highlight	Syntax highlighting style passed to Pandoc. Supported built-in styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", "haddock", and "breezedark". Two custom styles are also included, "arrow", an accessible color scheme, and "rstudio", which mimics the default IDE theme. Alternatively, supply a path to a <code>.theme</code> file to use a custom Pandoc style. Note that custom theme requires Pandoc 2.0+. Pass NULL to prevent syntax highlighting.
citation_package	The LaTeX package to process citations, natbib or biblatex. Use default if neither package is to be used, which means citations will be processed via the command <code>pandoc-citeproc</code> .
md_extensions	Markdown extensions to be added or removed from the default definition of R Markdown. See the <code>rmarkdown_format</code> for additional details.
journal_name	A regular expression to filter the by the journal name, see pattern in <code>base::grep()</code> ; defaults to <code>*</code> .

Details

This was adapted from https://publications.copernicus.org/for_authors/manuscript_preparation.html.

An number of required and optional manuscript sections, e.g. acknowledgements, competinginterests, or authorcontribution, must be declared using the respective properties of the R Markdown header - see skeleton file.

Version: Based on `copernicus_package.zip` in the version 7.16, 3 September 2026

Copernicus journal abbreviations: You can use the function `copernicus_journal_abbreviations()` to get the journal abbreviation for all journals supported by the Copernicus article template.

Important note: The online guidelines by Copernicus are the official resource. Copernicus is not responsible for the community contributions made to support the template in this package. Copernicus converts all typeset TeX files into XML, the expressions and markups have to be highly standardized. Therefore, please keep the following in mind:

- Please provide only one figure file for figures with several panels, and please do not use `\subfloat` or similar commands.
- Please use only commands in which words, numbers, etc. are within braces (e.g. `\textrm{TEXT}` instead of `\rm TEXT`).
- For algorithms, please use the syntax given in `template.tex` or provide your algorithm as a figure.
- Please do not define new commands.
- Supported packages (`\usepackage{}`) are already integrated in the `copernicus.cls`. Please do not insert additional ones in your `.tex` file.
- If you opt for syntax highlighting for your preprint or other reasons, please do not forget to use `highlight = NULL` for your final file upload once your manuscript was accepted for publication.
- Spaces in labels (`\label{}`) are not allowed; please make sure that no label name is assigned more than once.
- Please do not use `\paragraph{}`; only `\subsubsection{}` is allowed.
- It is not possible to add tables in colour.

Value

An R Markdown output format.

Note

If you use `rmarkdown::pdf_document()`, all internal references (i.e. tables and figures) must use `\ref{}` whereas with `bookdown::pdf_document2()`, you can additionally use `@ref()`.

References

Manuscript preparation guidelines for authors. https://publications.copernicus.org/for_authors/manuscript_preparation.html

Examples

```
names(copernicus_journal_abbreviations())
copernicus_journal_abbreviations(journal_name = "Science Data")
## Not run:
library("rmarkdown")
draft("MyArticle.Rmd", template = "copernicus", package = "rticles")
render("MyArticle/MyArticle.Rmd")

## End(Not run)
```

ieee_article	<i>IEEE Transactions journal format.</i>
--------------	--

Description

Format for creating submissions to IEEE Transaction journals. Adapted from https://www.ieee.org/publications_standards/publications/authors/author_templates.html

Usage

```
ieee_article(
  draftmode = c("final", "draft", "draftcls", "draftclsnofoot"),
  hyphenfixes = "op-tical net-works semi-conduc-tor",
  IEEEspecialpaper = "",
  with_ifpdf = FALSE,
  with_cite = FALSE,
  with_amsmath = FALSE,
  with_algorithmic = FALSE,
  with_subfig = FALSE,
  with_array = FALSE,
  with_dbfloatfix = FALSE,
  keep_tex = TRUE,
  pandoc_args = NULL,
  md_extensions = c("-autolink_bare_uris"),
  ...
)
```

Arguments

<code>draftmode</code>	Specify the draft mode to control spacing and whether images should be rendered. Valid options are: "final" (default), "draft", "draftcls", or "draftclsnofoot".
<code>hyphenfixes</code>	A character value that provides the correct hyphenations for ambiguous words. Separate new words with spaces.
<code>IEEEspecialpaper</code>	A character value containing the publication's special paper designation.
<code>with_ifpdf</code>	A logical value turning on (TRUE) or off (FALSE) the ifpdf LaTeX package.
<code>with_cite</code>	A logical value turning on (TRUE) or off (FALSE) the cite LaTeX package.
<code>with_amsmath</code>	A logical value turning on (TRUE) or off (FALSE) the amsmath LaTeX package.
<code>with_algorithmic</code>	A logical value turning on (TRUE) or off (FALSE) the algorithmic LaTeX package.
<code>with_subfig</code>	A logical value turning on (TRUE) or off (FALSE) the subfig LaTeX package.
<code>with_array</code>	A logical value turning on (TRUE) or off (FALSE) the array LaTeX package.

<code>with_dblfloatfix</code>	A logical value turning on (TRUE) or off (FALSE) the dblfloatfix LaTeX package.
<code>keep_tex</code>	Keep the intermediate tex file used in the conversion to PDF. Note that this argument does not control whether to keep the auxiliary files (e.g., ‘.aux’) generated by LaTeX when compiling ‘.tex’ to ‘.pdf’. To keep these files, you may set <code>options(tinytex.clean = FALSE)</code> .
<code>pandoc_args</code>	Additional command line options to pass to pandoc
<code>md_extensions</code>	Markdown extensions to be added or removed from the default definition of R Markdown. See the rmarkdown::format for additional details.
<code>...</code>	Additional arguments to rmarkdown::pdf_document()

Details

Presently, only the "conference" paper mode offered by the `IEEEtran.cls` is supported.

References

Shell, Michael. "How to use the IEEEtran LATEX class." Journal of LATEX Class Files 1.11 (2002): 10-20. http://mirrors.rit.edu/CTAN/macros/latex/contrib/IEEEtran/IEEEtran_HOWTO.pdf

joss_article

Journal of Open Source Software (JOSS) format.

Description

Format for creating a Journal of Open Source Software (JOSS) or Journal of Open Source Education (JOSE) articles. Adapted from <https://github.com/openjournals/whedon>. As these journals take articles as markdown, this format can be used to generate markdown from R Markdown and to locally preview how the article will appear as PDF.

Usage

```
joss_article(
  journal = "JOSS",
  keep_md = TRUE,
  latex_engine = "xelatex",
  pandoc_args = NULL,
  ...
)
```

Arguments

journal	one of "JOSS" or "JOSE"
keep_md	Whether to retain the intermediate markdown and images. Defaults to TRUE.
latex_engine	LaTeX engine for producing PDF output. Options are "pdflatex", "lualatex", "xelatex" and "tectonic".
pandoc_args	Additional command line options to pass to pandoc
...	Arguments passed to <code>rmarkdown::pdf_document()</code>

Details

The following variables may be set in YAML metadata to populate fields in the article PDF, but are only necessary fo local preview: `formatted_doi`, `citation_author`, `year`, `volume`, `issue`, `page`, `submitted`, `published` and `archive_doi`.

journals	<i>List available journals</i>
----------	--------------------------------

Description

List available journal names in this package.

Usage

```
journals()
```

Details

These names can be useful in two ways:

- You can add `_article` suffix to get the name of the output format (e.g., `jss_article()`).
- You can use the name directly in the template argument of `rmarkdown::draft()`.

Value

A character vector of the journal names.

Examples

```
articles::journals()
```

jss_article	<i>Journal of Statistical Software (JSS) format.</i>
-------------	--

Description

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

Usage

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

Arguments

...	Arguments to <code>rmarkdown::pdf_document()</code>
keep_tex	Keep the intermediate tex file used in the conversion to PDF. Note that this argument does not control whether to keep the auxiliary files (e.g., '.aux') generated by LaTeX when compiling '.tex' to '.pdf'. To keep these files, you may set <code>options(tinytex.clean = FALSE)</code> .
citation_package	The LaTeX package to process citations, natbib or biblatex. Use default if neither package is to be used, which means citations will be processed via the command <code>pandoc-citeproc</code> .
pandoc_args	Additional command line options to pass to pandoc

mdpi	<i>MDPI Journal</i>
------	---------------------

Description

Format for creating submissions to Multidisciplinary Digital Publishing Institute (MDPI) journals. Adapted from <https://www.mdpi.com/authors/latex>.

Usage

```
mdpi_article(
  ...,
  keep_tex = TRUE,
  latex_engine = "pdflatex",
  pandoc_args = NULL,
  citation_package = "natbib"
)

mdpi_journals()
```

Arguments

...	Additional arguments to <code>rmarkdown::pdf_document()</code>
keep_tex	Keep the intermediate tex file used in the conversion to PDF. Note that this argument does not control whether to keep the auxiliary files (e.g., '.aux') generated by LaTeX when compiling '.tex' to '.pdf'. To keep these files, you may set <code>options(tinytex.clean = FALSE)</code> .
latex_engine	LaTeX engine for producing PDF output. Options are "pdflatex", "lualatex", "xelatex" and "tectonic".
pandoc_args	Additional command line options to pass to pandoc
citation_package	The LaTeX package to process citations, natbib or biblatex. Use default if neither package is to be used, which means citations will be processed via the command <code>pandoc-citeproc</code> .

Details

Possible arguments for the YAML header are:

- title title of the manuscript
- author list of authors, containing name, affil, and orcid (optional)
- affiliation list containing num, address, and email for defining author affiliations
- authorcitation string with last name and first intial of authors as expected to be shown in a reference
- firstnote can include firstnote through eightnote that correspond to footnote marks in affil
- correspondence contact information of the corresponding author
- journal short name (case sensitive) of the journal (see list in template or with `mdpi_journals()`).
- type usually "article" but see template for options
- status usually "submit"
- simplesummary optional, may depend on specific journal
- abstract abstract, limited to 200 words
- keywords 3 to 10 keywords seperated with a semicolon

- acknowledgement acknowledgement backmatter (optional)
- authorcontributions report authorship contributions (optional)
- funding research funding statement
- institutionalreview IRB statements (optional)
- informedconsent Informed consent statements for human research (optional)
- dataavailability Links to datasets or archives (optional)
- conflictsofinterest Conflict of interest statement (see journal instructions)
- sampleavailability Sample availability statement (optional)
- supplementary Supplementary data statement, see template for example (optional)
- abbreviations list of abbreviations containing short and long
- bibliography BibTeX .bib file
- appendix name of appendix tex file
- endnote boolean, if TRUE will print list of endnotes if included in text (optional)
- header-includes: custom additions to the header, before the `\begin{document}` statement
- include-after: for including additional LaTeX code before the `\end{document}` statement

oup_article

Oxford University Press.

Description

Format for creating submissions to many Oxford University Press journals. Adapted from <https://academic.oup.com/pag> and https://academic.oup.com/icesjms/pages/General_Instructions. and the oup-authoring-template available on CTAN at <https://www.ctan.org/pkg/oup-authoring-template>.

Usage

```
oup_article(
  oup_version = 0,
  journal = NULL,
  number_sections = FALSE,
  citation_package = ifelse(oup_version == 0, "default", "natbib"),
  papersize = c("large", "medium", "small"),
  document_style = c("contemporary", "modern", "traditional"),
  namedate = FALSE,
  onecolumn = FALSE,
  number_lines = FALSE,
  number_lines_options = NULL,
  keep_tex = TRUE,
  md_extensions = c("-autolink_bare_uris"),
  pandoc_args = NULL,
  ...
)
```

Arguments

oup_version	set to 0 (default) to use the 2009 OUP ouparticle.cls included or set to 1 to use the newer 2020 OUP package oup-authoring-template available on CTAN.
journal	journal Title. <i>(Only useful for oup_version > 0).</i>
number_sections	It will be passed to <code>rmarkdown::pdf_document()</code> . Set to TRUE by default when oup_version = 1 is used.
citation_package	The LaTeX package to process citations, natbib or biblatex. Use default if neither package is to be used, which means citations will be processed via the command pandoc-citeproc.
papersize	one of "large" (default), "medium", or "small" setting output page size. <i>(Only useful for oup_version > 0)</i>
document_style	one of "contemporary" (default), "modern", or "traditional" setting overall style of document. <i>(Only useful for oup_version > 0)</i>
namedate	a logical variable indicating if natbib citations should be in name-date format. Defaults to FALSE. <i>(Only useful for oup_version > 0)</i>
onecolumn	a logical variable indicating if one column formatting should be used. Defaults to FALSE. <i>(Only useful for oup_version > 0)</i>
number_lines, number_lines_options	Control the usage of CTAN package lineno in the template. Use number_lines = TRUE to activate and set number_lines_options to change options. <i>(Only useful for oup_version > 0)</i>
keep_tex	Keep the intermediate tex file used in the conversion to PDF. Note that this argument does not control whether to keep the auxiliary files (e.g., '.aux') generated by LaTeX when compiling '.tex' to '.pdf'. To keep these files, you may set <code>options(tinytex.clean = FALSE)</code> .
md_extensions	Markdown extensions to be added or removed from the default definition of R Markdown. See the rmarkdown_format for additional details.
pandoc_args	Additional command line options to pass to pandoc
...	Additional arguments to <code>rmarkdown::pdf_document()</code>

Details

Note that for

- oup_version=0, citation_package="default" by default,
- oup_version=1, citation_package="natbib" by default and citation_package="biblatex" is not supported.

Pandoc requirement

oup_version = 1 requires a minimum version of 2.10.

Examples

```
## Not run:
# Use old template based on `ouparticle.cls`
rmarkdown::draft("MyArticle.Rmd", template = "oup_v0", package = "rticles")
# Use new template based on `oup-authoring-template` CTAN package
rmarkdown::draft("MyArticle.Rmd", template = "oup_v1", package = "rticles")

## End(Not run)
```

rsos_article

Royal Society Open Science journal format.

Description

Format for creating submissions to Royal Society Open Science journals.

Usage

```
rsos_article(
  ...,
  keep_tex = TRUE,
  latex_engine = "xelatex",
  pandoc_args = NULL,
  includes = NULL,
  fig_crop = TRUE
)
```

Arguments

...	Additional arguments to <code>rmarkdown::pdf_document()</code>
keep_tex	Keep the intermediate tex file used in the conversion to PDF. Note that this argument does not control whether to keep the auxiliary files (e.g., <code>.aux</code>) generated by LaTeX when compiling <code>.tex</code> to <code>.pdf</code> . To keep these files, you may set <code>options(tinytex.clean = FALSE)</code> .
latex_engine	LaTeX engine for producing PDF output. Options are "pdflatex", "lualatex", "xelatex" and "tectonic".
pandoc_args	Additional command line options to pass to pandoc
includes	Named list of additional content to include within the document (typically created using the <code>includes</code> function).
fig_crop	Whether to crop PDF figures with the command <code>pdftocrop</code> . This requires the tools <code>pdftocrop</code> and <code>ghostscript</code> to be installed. By default, <code>fig_crop = TRUE</code> if these two tools are available.

Author(s)

Thierry Onkelinx, <thierry.onkelinx@inbo.be>

rss_article

Royal Statistical Society Journal Format

Description

Format for creating articles for Royal Statistical Society adapted from <https://rss.org.uk/news-publication/publications/journals/submit-paper/>.

Usage

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

Arguments

...	Arguments to <code>rmarkdown::pdf_document()</code>
keep_tex	Keep the intermediate tex file used in the conversion to PDF. Note that this argument does not control whether to keep the auxiliary files (e.g., '.aux') generated by LaTeX when compiling '.tex' to '.pdf'. To keep these files, you may set <code>options(tinytex.clean = FALSE)</code> .
citation_package	The LaTeX package to process citations, natbib or biblatex. Use default if neither package is to be used, which means citations will be processed via the command <code>pandoc-citeproc</code> .

string_to_table

Split character string into table

Description

It takes a character string with names separated by comma (e.g. journal's names) and turns them into a table

Usage

```
string_to_table(x, n, split_regex = ", ?")
```

Arguments

x	string to split and convert to table
n	number of bucket to create. It will be the number of column in the resulting data.frame
split_regex	defaults to , ?. Pass to split in <code>base::strsplit()</code> .

Details

If the number of elements can't be split equally in the `n` column, blank cells will be created and all placed in the last column.

Value

a dataframe of `n` columns

Examples

```
string_to_table(paste(letters, collapse = ", "), 3)
```

tf_article	<i>Taylor & Francis journals format</i>
------------	---

Description

Format for creating submissions to many Taylor & Francis journals. Adapted from:

- <https://files.taylorandfrancis.com/InteractAPALaTeX.zip>
- <https://files.taylorandfrancis.com/InteractCADLaTeX.zip>
- <https://files.taylorandfrancis.com/InteractNLMLaTeX.zip>
- <https://files.taylorandfrancis.com/InteractTFPLaTeX.zip>
- <https://files.taylorandfrancis.com/InteractTFQLaTeX.zip>
- <https://files.taylorandfrancis.com/InteractTFSLaTeX.zip>

Usage

```
tf_article(
  ...,
  keep_tex = TRUE,
  citation_package = "natbib",
  reference_style = c("CAD", "APA", "NLM", "TFP", "TFQ", "TFS"),
  pandoc_args = NULL
)
```

Arguments

...	Additional arguments to <code>rmarkdown::pdf_document()</code>
keep_tex	Keep the intermediate tex file used in the conversion to PDF. Note that this argument does not control whether to keep the auxiliary files (e.g., <code>.aux</code>) generated by LaTeX when compiling <code>.tex</code> to <code>.pdf</code> . To keep these files, you may set <code>options(tinytex.clean = FALSE)</code> .

citation_package

The LaTeX package to process citations, natbib or biblatex. Use default if neither package is to be used, which means citations will be processed via the command pandoc-citeproc.

reference_style

should be set according to the specific Taylor & Francis journal. Possibles values: "APA" (American Psychological Association reference style), "CAD" (Chicago Author-Date reference style), "NLM" (National Library of Medicine reference style), "TFP" (Reference Style-P), "TFQ" (Reference Style-Q), and "TFS" (Reference Style-S).

pandoc_args

Additional command line options to pass to pandoc

Examples

```
## Not run:
rmarkdown::draft("MyArticle.Rmd", template = "tf", package = "rticles")
setwd("MyArticle")
rmarkdown::render("MyArticle.Rmd")

## End(Not run)
```

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