Package: rticles (via r-universe)

October 24, 2024

Type Package

Title Article Formats for R Markdown

Version 0.27.3

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 (>= 2.14), 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 7.3.1

SystemRequirements GNU make

Repository https://robjhyndman.r-universe.dev

RemoteUrl https://github.com/rstudio/rticles

RemoteRef HEAD

RemoteSha 1aee9911a3c205e2434f6fba0259396526ea59b4

Contents

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acm_article   *R Markdown output formats for (journal) articles*

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")
)
```

```
ams_article(..., keep_tex = 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 = "xelatex",
  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")

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

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

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

  wellcomeor_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/4au

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/publish-with-agu/publish#1.

amq_article

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

ams_article

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/.

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/pages/submission_online.

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](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 Informatics - articles. Adapted from the official Instructions for Authors at https://submission.dagstuhl.de/documentation/authors and the template from the archive authors-lipics-v2019.zip downloaded with version tag v2019.2. The template is provided under The LaTeX Project Public License (LPPL), Version 1.3c.

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+down 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.

mdpi_article

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

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 template for options
- `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

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 (http://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.

tf_article

Format for creating submissions to a Taylor & Francis journal. Adapted from '`https://www.tandf.co.uk/journals/autho`

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/hsmhhbpxvvbj>.

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   *Austrian Journal of Statistics (AJS) format.*

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 `rmarkdown::pdf_document()`
`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 `options(tinytex.clean = FALSE)`.
`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`.
`pandoc_args`	Additional command line options to pass to pandoc

---

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 `rmarkdown::pdf_document()`. **Note**: `extra_dependencies` are not allowed as Copernicus does not support additional packages included via `\usepackage{}`.
`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 `options(tinytex.clean = FALSE)`.
`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 '`.theme`' 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 `pandoc-citeproc`.
`md_extensions`	Markdown extensions to be added or removed from the default definition of R Markdown. See the `rmarkdown_format` for additional details.
`journal_name`	A regular expression to filter the by the journal name, see `pattern` in `base::grep()`; defaults to `*`.

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 7.8, 18 March 2024, using `copernicus.cls` in version 10.1.11, 03 January.

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)
```

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_dblfloatfix = FALSE,
  keep_tex = TRUE,
  pandoc_args = NULL,
  md_extensions = c("-autolink_bare_uris"),
  ...
)
```

Arguments

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

with_dblfloatfix
                A `logical` value turning on (TRUE) or off (FALSE) the `dblfloatfix` LaTeX package.

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 options(tinytex.clean = FALSE).

pandoc_args
                Additional command line options to pass to pandoc

md_extensions
                Markdown extensions to be added or removed from the default definition of R Markdown. See the [rmarkdown_format](#) for additional details.

...
                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 `rmarkdown::pdf_document()`

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`, `publis` and `archive_doi`.

---

journals	*List available journals*

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., `rjournal_article()`).

- You can use the name directly in the `template` argument of `rmarkdown::draft()`.

Value

A character vector of the journal names.

Examples

```
rticles::journals()
```

---

jss_article	*Journal of Statistical Software (JSS) format.*

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 `rmarkdown::pdf_document()`
`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 `options(tinytex.clean = FALSE)`.
`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`.
`pandoc_args`	Additional command line options to pass to pandoc

---

oup_article	*Oxford University Press.*

Description

Format for creating submissions to many Oxford University Press journals. Adapted from `https://academic.oup.com/pages/authoring/journals/preparing_your_manuscript` 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`.

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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. *(Only useful for* oup_version > 0*).*

number_sections
                  It will be passed to [rmarkdown::pdf_document()](). 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. *(Only
                  useful for* oup_version > 0*)*

document_style   one of "contemporary" (default), "modern", or "traditional" setting overall style
                  of document. *(Only useful for* oup_version > 0*)*

namedate   a logical variable indicating if natbib citations should be in name-date format.
                  Defaults to FALSE. *(Only useful for* oup_version > 0*)*

onecolumn   a logical variable indicating if one column formatting should be used. Defaults
                  to FALSE. *(Only useful for* oup_version > 0*)*

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. *(Only
                  useful for* oup_version > 0*)*

keep_tex   Keep the intermediate tex file used in the conversion to PDF. Note that this argu-
                  ment 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
                  options(tinytex.clean = FALSE).

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 rmarkdown::pdf_document()

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)
```

---

rjournal_article   *R Journal format.*

Description

[Deprecated]

This function is now deprecated in favor of the **rjtools** package which is now officialy recommended
by R Journal https://rjournal.github.io/submissions.html. See below for document

Usage

```
rjournal_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. Note that this argu-
                 ment 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
                 options(tinytex.clean = FALSE).

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`.

About this format and the R Journal requirements

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

This file is only a basic article template. For full details of *The R Journal* style and information on how to prepare your article for submission, see the [Instructions for Authors](#)

`rticles::rjournal_article` will help you build the correct files requirements:

- A R file will be generated automatically using `knitr::purl` - see https://bookdown.org/yihui/rmarkdown-cookbook/purl.html for more information.

- A tex file will be generated from this Rmd file and correctly included in `RJwapper.tex` as expected to build `RJwrapper.pdf`.

- All figure files will be kept in the default rmarkdown `*_files` folder. This happens because `keep_tex = TRUE` by default in `rticles::rjournal_article`

- Only the bib filename is to be modified. An example bib file is included in the template (`RJreferences.bib`) and you will have to name your bib file as the tex, R, and pdf files.

About YAML header fields

This section documents some of the YAML fields that can be used with this formats.

The `author` field in the YAML header:

FIELD	TYPE	DESCRIPTION
name	*required*	name and surname of the author
affiliation	*required*	name of the author's affiliation
address	*required*	at least one address line for the affiliation
url	*optional*	an additional url for the author or the main affiliation
orcid	*optional*	the authors ORCID if available
email	*required*	the author's e-mail address
affiliation2	*optional*	name of the author's 2nd affiliation
address2	*optional*	address lines belonging to the author's 2nd affiliation

Please note: Only one `url`, `orcid` *and* `email` *can be provided per author.*

Other YAML fields:

FIELD	TYPE	DESCRIPTION
bibliography	*with default*	the BibTeX file with the reference entries

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 `rmarkdown::pdf_document()`
`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 `options(tinytex.clean = FALSE)`.
`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 `includes` function).
`fig_crop`	Whether to crop PDF figures with the command pdfcrop. This requires the tools `pdfcrop` and `ghostscript` to be installed. By default, `fig_crop = TRUE` 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 [`rmarkdown::pdf_document()`](rmarkdown::pdf_document())
`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 `options(tinytex.clean = FALSE)`.
`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`.

---

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 [`base::strsplit()`](base::strsplit()).

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)
```

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