Package 'rticles'

August 26, 2022

Type Package

Title Article Formats for R Markdown

Version 0.24

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

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

Imports knitr (>= 1.30), rmarkdown (>= 2.14), tinytex (>= 0.30), utils, xfun, yaml

Suggests bookdown, covr, testit, testthat (>= 3.0.0), xtable

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

Config/testthat/edition 3

Encoding UTF-8

RoxygenNote 7.2.1

SystemRequirements GNU make

NeedsCompilation no

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Repository CRAN

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R topics documented:

`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)

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)

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")

springer_article(..., keep_tex = TRUE, citation_package = "default")

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,`	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/authors/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 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.

`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 https://uk.sagepub.com/sites/def

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://onlinelibrary.wiley.com/page/journal/10970258/homepage/la_tex_class_file.htm.

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
- bibliography BibTeX .bib file
- classoption options of the WileyNJD-v2 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
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
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 6.7, 16 March 2022, using copernicus.cls in version 9.46, 25 March 2022.

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 *IEEE Transactions journal format.*

Description

Format for creating submissions to IEEE Transaction journals. Adapted from http://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

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", ...)
```

Arguments

`journal`	one of "JOSS" or"JOSE"
`keep_md`	Whether to retain the intermediate markdown and images. Defaults to TRUE.
`latex_engine, ...`	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
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.

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
`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

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

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
`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`.

Details

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

About this format and the R Journal requirements:

`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
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()
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 default if neither package is to be used, which means citations will be processed via the command pandoc-citeproc.

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