

# Package ‘stevetemplates’

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**Type** Package

**Title** Steve's R Markdown Templates

**Depends** R (>= 3.5.0)

**Version** 1.1.0

**Maintainer** Steven Miller <steve@svmiller.com>

**Description** These are my collection of 'R Markdown' templates, mostly for compilation to PDF.  
These are useful for all things academic and professional, if you are using 'R Markdown'  
for things like your CV or your articles and manuscripts.

**License** GPL-2

**Encoding** UTF-8

**Imports** rmarkdown

**RoxygenNote** 7.3.2

**Suggests** testthat

**NeedsCompilation** no

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 anonms

*Steve's Anonymous Manuscript Template*


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## Description

The R Markdown template Steve used once for an anonymous manuscript submission that needed to look an exact way. I've used this only once for a manuscript submission to a particular journal. It was not published. I have not had the occasion to submit there again.

## Usage

```
anonms(...)
```

```
templ_anonms()
```

## Arguments

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

## About YAML header fields

This section documents some of the YAML fields to know for this template. Honestly, this looks like a boilerplate R Markdown template. I think `runhead` is the only parameter unique to this document. It's also mandatory. Other fields that you can see in the skeleton (e.g. `title`, `name`, `affiliation`) are borrowed from other templates and explicated there.

FIELD	DESCRIPTION
<code>runhead</code>	A shortened version of <code>title</code> to treat as a running head

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article	<i>Steve's First Article/Manuscript Template</i>
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### Description

A template for academic articles/manuscripts. For more information, see here: <http://svmiller.com/blog/2020/09/another-rmarkdown-article-template/>.

### Usage

```
article(...)
templ_article()
```

### Arguments

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

### About YAML header fields

This section documents some of the YAML fields to know for this template.

FIELD	DESCRIPTION
name	name of the author
affiliation	the affiliation of the author
thanks	A place to thank people for their input, identify corresponding author, etc.
abstract	include an abstract of the paper here
keywords	some keywords for the manuscript
anonymous	logical, defaults to FALSE. If TRUE, scrubs all identifying author info for peer review
removetitleabstract	logical, defaults to FALSE. If TRUE, removes title/abstract for peer review (if you'd like)
appendix	optional, but specifies appendix figure/table prefixes
endnotes	logical, defaults to FALSE. If TRUE, makes R Markdown footnotes as endnotes
twocol	logical, defaults to FALSE. If TRUE, makes document two-column format

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article2	<i>Steve's 2nd Article/Manuscript Template</i>
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### Description

Another template for academic articles/manuscripts. For more information, see here: <http://svmiller.com/blog/2020/09/another-rmarkdown-article-template/>. Please note that `xelatex` is functionally required for this template/function.

**Usage**

```
article2(...)

templ_article2()
```

**Arguments**

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

**Details**

If your version of TeX comes by way of Yihui Xie's **tinytex**, you'll want to additionally install the "xurl" library. Otherwise, you'll get a vague error about a missing LaTeX dependency. `tinytex::tlmgr_install("xurl")` should suffice. I thank Ian Adams and Cornelius Hennch for finding this issue and pointing to this solution.

**About YAML header fields**

This section documents some of the YAML fields to know for this template. Much should've been carried over from my first article/manuscript template. Please yell at me/raise an issue on the Github repo if I didn't.

FIELD	DESCRIPTION
name	name of the author
affiliation	the affiliation of the author
thanks	A place to thank people for their input, identify corresponding author, etc.
abstract	include an abstract of the paper here
keywords	some keywords for the manuscript
anonymous	logical, defaults to FALSE. If TRUE, scrubs all identifying author info for peer review
removetitleabstract	logical, defaults to FALSE. If TRUE, removes title/abstract for peer review (if you'd like)
appendix	optional, but specifies appendix figure/table prefixes
endnotes	logical, defaults to FALSE. If TRUE, makes R Markdown footnotes as endnotes
pandocparas	logical, defaults to FALSE. If TRUE, keeps Pandoc's default paragraph format
sansitup	logical, defaults to FALSE. If TRUE, better mimics ACM's use of sans fonts for section headers
mainfont	optional (I think?), but it's the main font to use with <code>xelatex</code> . I use cochineal here.
sansfont	optional, only necessary if <code>sansitup: TRUE</code> . Specifies sans font. I recommend Linux Biolinum
doublespacing	optional, if anything is here to process, this will double-space the document.

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article3

*Steve's 3rd Article/Manuscript Template*

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**Description**

Another template for academic articles/manuscripts. Please note that `xelatex` is functionally required for this template/function. An (incomplete) primer on this tutorial is available on my website <http://svmiller.com/blog/2023/05/a-third-rmarkdown-article-manuscript-template/>.

**Usage**

```
article3(...)

templ_article3()
```

**Arguments**

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

**Details**

If your version of TeX comes by way of Yihui Xie's **tinytex**, you'll want to additionally install the "xurl" library. Otherwise, you'll get a vague error about a missing LaTeX dependency. `tinytex::tlmgr_install("xurl")` should suffice. I thank Ian Adams and Cornelius Hennch for finding this issue and pointing to this solution.

**About YAML header fields**

This section documents some of the YAML fields to know for this template. Just about everything is carried over from the 2nd article template. The user will want to pay careful attention in the skeleton/example file about how the YAML is structured for author information.

Do note that Pandoc limitations preclude a more sophisticated "if-else" logic to formatting authors and their affiliations. This means (basically: strongly implies) that one of `solo-author`, `two-author`, or `n-author` is explicitly set to TRUE for this template to look like it makes sense. You do not need all three in your YAML. You just need one, and to set it to TRUE.

FIELD	DESCRIPTION
<code>author</code>	author information with support for subfields of name, email, author order, and affiliation code
<code>affils</code>	affiliation information corresponding with the authors. Sync code here with the information in the a
<code>thanks</code>	A place to thank people for their input, identify corresponding author, etc.
<code>abstract</code>	include an abstract of the paper here
<code>keywords</code>	some keywords for the manuscript
<code>anonymous</code>	logical, defaults to FALSE. If TRUE, scrubs all identifying author info for peer review
<code>removetitleabstract</code>	logical, defaults to FALSE. If TRUE, removes title/abstract for peer review (if you'd like)
<code>appendix</code>	optional, but specifies appendix figure/table prefixes
<code>endnotes</code>	logical, defaults to FALSE. If TRUE, makes R Markdown footnotes as endnotes
<code>pandocparas</code>	logical, defaults to FALSE. If TRUE, keeps Pandoc's default paragraph format
<code>sansitup</code>	logical, defaults to FALSE. If TRUE, better mimics ACM's use of sans fonts for section headers
<code>mainfont</code>	optional (I think?), but it's the main font to use with <code>xelatex</code> . I use <code>cochineal</code> here.
<code>sansfont</code>	optional, only necessary if <code>sansitup: TRUE</code> . Specifies sans font. I recommend <code>Linux Biolinum</code>
<code>doublespacing</code>	optional, if anything is here to process, this will double-space the document.
<code>remove-emails</code>	optional, defaults to FALSE. If TRUE, removes author email information from document preamble.
<code>remove-paper-info</code>	optional, defaults to FALSE. If TRUE, removes optional paper information you may want to include
<code>paper-info</code>	Additional information you may want to include about the paper.
<code>solo-author</code>	Is there only one author on this project? Then set as TRUE. Has implications for formatting.
<code>two-author</code>	Are there <i>only two</i> authors on this project? Then set as TRUE. Has implications for formatting.
<code>n-author</code>	Are there <i>more than two</i> authors on this project? Then set as TRUE. Has implications for formatting.
<code>alternate-layout</code>	If TRUE, adjusts the layout slightly (moving affiliations outside the abstract and to near the authors. 1

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 beamer

*Steve's Beamer Template*


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## Description

This is the R Markdown template I use for in-class or in-person presentations. For a discussion of some of its features, see here: <http://svmiller.com/blog/2019/08/r-markdown-template-beamer-presentations/>.

## Usage

```
beamer(...)
```

```
templ_beamer()
```

## Arguments

... Arguments to `rmarkdown::beamer_presentation`.

## Details

Note that `xelatex` is not required for this template but is heavily suggested. If you elect to use `xelatex`, you *must* supply something in `titlefont:` and `mainfont:` that your particular LaTeX installation will recognize. See discussion here: <https://github.com/svmiller/stevetemplates/issues/4>

## About YAML header fields

FIELD	DESCRIPTION
<code>title</code>	Title of the presentation
<code>subtitle</code>	Subtitle of the presentation. Optional, but useful. For in-class lectures, I put the class name here.
<code>institute</code>	List your department/college here. Optional.
<code>titlegraphic</code>	Put a path to university watermark here. Optional.
<code>scaletg</code>	Scale <code>titlegraphic</code> relative to the width of the document. Optional, defaults to .3
<code>titlegraphshift</code>	Optional LaTeX commands to move around <code>titlegraphic</code> . Manually escape any LaTeX code you put here.
<code>make149</code>	Logical, gives 14:9 dimension to presentation (my favorite). Optional, defaults to FALSE.
<code>mainfont</code>	The main font to use with <code>xelatex</code> . I use Open Sans here. Optional, but recommended.
<code>titlefont</code>	The font for slide titles. I use Titillium Web here. Optional, but recommended.
<code>primarycolor</code>	Specifies a "primary" color in six-digit RGB color. Defaults to 002F5F. Optional.
<code>secondarycolor</code>	Specifies a "secondary" color in six-digit RGB color. Defaults to 9BB2CE. Optional.
<code>no_toc_after</code>	When TRUE, disables table of contents at end of document. Optional.

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cover_letter	<i>Steve's (Non-Academic) Cover Letter Template</i>
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### Description

A template for cover letters when applying for non-academic jobs. For more information, see here: <https://twitter.com/stevenvmiller/status/1320831949469065218>. This template will force the use of xelatex.

### Usage

```
cover_letter(...)

templ_cover_letter()
```

### Arguments

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

### About YAML header fields

This section documents some of the YAML fields to know for this template.

FIELD	DESCRIPTION
author	name of the author
address	the author's address, which can (and should) be piped with   separators
email	the author's email
url	the author's website domain
phone	the author's phone number
fontawesome	logical, defaults to TRUE. If TRUE, use fontawesome icons
mainfont	The main font to use with xelatex. I use cochineal here. Optional, but recommended.
monofont	The monospaced font to use with xelatex. I use Fira Code here. Optional, but recommended.
date	Specify a date format
greetings	Specify a salutations to start the letter

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cv	<i>Steve's Academic CV Template</i>
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### Description

A template for academic CVs. For more information, see here: <http://svmiller.com/blog/2016/03/svm-r-markdown-cv/>.

**Usage**

```
cv(...)

templ_cv()
```

**Arguments**

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

**About YAML header fields**

This section documents some of the YAML fields to know for this template.

FIELD	DESCRIPTION
author	name of the author
jobtitle	appears as first row in the CV
address	appears as second row in the CV
fontawesome	logical, defaults to TRUE. If TRUE, use fontawesome icons
email	your email, for the third row
github	optional, displays Github user name on third row
orcid	optional, displays ORCID ID on third row
phone	optional, displays your phone number on third row
web	optional, displays your domain name on third row
updated	optional, displays (on third row) when file was last updated
keywords	not terribly useful, but some keywords to embed in PDF so Google may find it

---

 cv2

*Steve's Second Academic CV Template*


---

**Description**

A template for academic CVs. This is an evolution of the first one, though has slightly different aesthetic features you can see for yourself. For more information, see here: <http://svmillier.com/blog/2016/03/svm-r-markdown-cv/>. You can also check my current CV.

**Usage**

```
cv2(...)

templ_cv2()
```

**Arguments**

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

### About YAML header fields

This section documents some of the YAML fields to know for this template.

FIELD	DESCRIPTION
author	name of the author
jobtitle	appears as first row in the CV
address	appears as second row in the CV
fontawesome	logical, defaults to TRUE. If TRUE, use fontawesome icons
email	your email, for the third row
github	optional, displays Github user name on third row
orcid	optional, displays ORCID ID on third row
phone	optional, displays your phone number on third row
web	optional, displays your domain name on third row
updated	optional, displays (on third row) when file was last updated. If FALSE or omitted, date of update is communicated
rdateformat	optional, but takes R syntax to format date of update.
keywords	not terribly useful, but some keywords to embed in PDF so Google may find it

### Additional Comments

The fontawesome argument calls the fontawesome5 package in LaTeX. This assumes the use of TeXLive 2015 at the latest.

latex\_engine is hard-set as "xelatex". This permits greater flexibility in use of fonts through the mainfont argument you can specify in the YAML.

I'll be frank that disabling fontawesome doesn't make much sense to me, though the option is there if you want it. The CV just won't look as nice with it disabled.

fontawesome controls the use of icons in the header, though icons for ORCID and OSF come from the academicicons package. Everything else comes from fontawesome5.

---

ekohist\_thesis

*Stockholm University EKOHIST Thesis Template*

---

### Description

This is a specialty LaTeX R Markdown template for which I am not anticipating there will be high demand. This is for master's students in the Department of Economic History and International Relations at Stockholm University, which currently employs me and is always welcome to give me more money.

### Usage

```
ekohist_thesis(...)
```

```
templ_ekohist_thesis()
```

**Arguments**

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

**Details**

If your version of TeX comes by way of Yihui Xie's **tinytex**, you may want to additionally install the "xurl" library. Otherwise, you'll get a vague error about a missing LaTeX dependency. `tinytex::tlmgr_install("xurl")` should suffice. I thank Ian Adams and Cornelius Hennch for finding this issue and pointing to this solution.

**About YAML header fields**

This section documents some of the YAML fields to know for this template. There is not much here that is particularly important.

FIELD	DESCRIPTION
author	name of the author (i.e. the student)
supervisor	the name of the supervising professor (i.e. probably me)
field	the field of study (i.e. typically economic history of IR)
mainfont	optional(?), but it's the main font to use with xelatex.
abstract	include an abstract of the paper here
keywords	some keywords for the manuscript
pandocparas	logical, defaults to FALSE. If TRUE, keeps Pandoc's
default paragraph format	

---

html\_article

*Steve's HTML Article Template*

---

**Description**

This is the R Markdown template I added in support of another package, which facilitates the conversion of academic articles to HTML format.

**Usage**

```
html_article(...)
```

```
templ_html_article()
```

**Arguments**

... Arguments to `rmarkdown::word_document`.

---

 memo

*Steve's Memo Template*


---

### Description

A template for memos. For more information, see here: <http://svmiller.com/blog/2019/06/r-markdown-memo-template/>.

### Usage

```
memo(...)
```

```
templ_memo()
```

### Arguments

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

### About YAML header fields

This section documents some of the YAML fields to know for this template.

FIELD	DESCRIPTION
from	name of the author
to	the intended recipient
subject	the title of the memo
date	the date of the memo
memorandum	logical. If TRUE, includes MEMORANDUM on top of the memo
graphics	logical. If TRUE, allows for graphic logo on memo
width	adjustable with for logo, if graphics: TRUE
logoposition	position of logo, if graphics: TRUE
logo	file for logo, if graphics: TRUE

---

 resume

*Steve's Non-Academic Résumé Template:*


---

### Description

A template for non-academic résumés . For more information, see here: <http://svmiller.com/blog/2020/09/rmarkdown-template-non-academic-resume/>. Do note that xelatex is functionally required for this template.

**Usage**

```
resume(...)

templ_resume()
```

**Arguments**

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

**About YAML header fields**

This section documents some of the YAML fields to know for this template.

FIELD	DESCRIPTION
author	name of the author
fontawesome	logical, defaults to TRUE. If TRUE, use fontawesome icons
email	your email
location	your address
phone	your phone number
github	your Github username (optional)
web:	your domain name
twitter	your Twitter handle
linkedin	your LinkedIn ID
includephoto	logical, defaults to FALSE. If TRUE, includes photo of you in top-right of document.
myphoto	file name for your photo, only necessary if includephoto: TRUE.
shift	shift/adjust photo, defaults to '7in, -.25in' if includephoto: TRUE
photobigness	how big photo should be, adjust to taste if includephoto: TRUE
photozoom	adjust zoom on photo, defaults to 20% of textwidth (as LaTeX macro) if includephoto: TRUE

---

statement

*Steve's Statement Template*

---

**Description**

A template for what I term "statements." These are things like research statements and teaching statements when I'm applying for jobs or doing end-of-the-semester busy work for the proverbial "ball and chain."

**Usage**

```
statement(...)

templ_statement()
```

**Arguments**

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

**About YAML header fields**

This section documents some of the YAML fields to know for this template.

FIELD	DESCRIPTION
title	title of the document, appears on first row
author	name of the author, appears on second row
affiliation	institutional affiliation, appears on third row
email	your email, for the fourth row

---

syllabus

*Steve's Syllabus Template*

---

**Description**

This is the R Markdown template I use for my syllabi. For a discussion of some of its features, see here: <http://svmiller.com/blog/2016/07/r-markdown-syllabus/>. The skeleton also includes code for a calendar. I discuss this here: <http://svmiller.com/blog/2020/08/a-ggplot-calendar-for-your-semester/>

**Usage**

```
syllabus(...)

templ_syllabus()
```

**Arguments**

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

**About YAML header fields**

FIELD	DESCRIPTION
title	Title of the class
author	Name(s) of the professor(s)
date	The semester
email	Your email. Technically optional, but you really should use it.
web	Class website. Technically optional, but you really should use it.
officehours	Your office hours. Technically optional, but you really should use it.
office	Your office location. Technically optional, but you really should use it.
classroom	The classroom location. Technically optional, but you really should use it.
classhours	When/for how long the class meets in a given session. Technically optional, but you really should use it.

coteaching If TRUE, changes format to allow for a second (third, or fourth) co-teacher

### Additional Comments

There is a nested conditionality for co-teachers. If coteaching is TRUE, format changes to allow a second teacher. Conditional on coteaching being TRUE *and* there being an email3 entry, a third co-teacher is added and entries for the third teacher's office hours and office are assumed. If coteaching is TRUE, email3 has an entry *and* there is an email4 entry, a fourth co-teacher is added.

In the case of the above nested conditionality for co-teachers, be advised this was a hacky (sic) solution until I got too frustrated with doing it this way. You may want to look at the syllabus2 template in the same package.

---

syllabus2

*Steve's 2nd Syllabus Template*

---

### Description

This is the R Markdown template I use for my syllabi at Stockholm University. Classes are structured a lot differently here, so a lot of what I'd like to do or aspire to do has to change.

### Usage

```
syllabus2(...)
```

```
templ_syllabus2()
```

### Arguments

... Arguments to [rmarkdown::pdf\\_document](#).

### About YAML header fields

FIELD	DESCRIPTION
title	Title of the class
author	Name(s) of the professor(s)
term	The term of the class (e.g. Fall 2024, Spring 2025, Summer 2025)
dates	A basic date range for the course (e.g. Feb. 20 - March 21)
fontawesome	Logical, defaults to TRUE, for use of Font Awesome icons
email	The email for the "course responsible" professor. It's a thing here.
web	Class website. Technically optional, but you really should use it.
office	Your office location. Technically optional, but you really should use it.
one-teacher	Specify this argument in the YAML as TRUE for classes with one professor.

two-teachers Specify this argument in the YAML as TRUE for classes with two professors. Has implications for formatting  
 n-teachers Specify this argument in the YAML as TRUE for classes with more than two professors. Has implications for

### Additional Comments

XeLaTeX is imposed by a standard use in RStudio. The one-/two-/n-teacher(s) hack is inspired by hackery in `article3` in this same package. Specify only one of those.

The Font Awesome package in LaTeX is `fontawesome5`.

The "author" argument should be used as if there were potentially multiple professors (even if there is just the one). You'll see what I mean in the skeleton file.

---

word

*Steve's Word Manuscript Template*

---

### Description

This is the R Markdown template I use for journals that insist on Microsoft Word submissions. The functionality is limited, mostly because Microsoft Word is limited. The only real use here is the effective anonymity that emerges in the Word document when the primary workflow is still built around compilation to a LaTeX PDF.

### Usage

`word(...)`

`templ_word()`

### Arguments

... Arguments to `rmarkdown::word_document`.

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