## Run RMarkdown (.rmd) from inside another .rmd without creating HTML output

Asked 1 year ago Modified 1 year ago Viewed 711 times



I am making my code more modular and would like to run multiple RMarkdown files from one overall RMarkdown. I believe I could do this if I translated all my RMarkdown files to .R scripts and used <code>source()</code>, but I like the document-like nature of RMarkdown and I can describe what I'm doing as I'm doing it in plain text.





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The goal is to wrangle data and export a usable .sav file. I want to run clean.rmd from run.rmd, but I don't want any HTML/pdf/etc. output. Removing the output line in the YAML header doesn't prevent output. If there is a way to do this without translating everything to .R scripts, I would be very appreciative. Thank you.

## clean.rmd: Script that does the cleaning

```
title: "clean"
author: "jrcalabrese"
date: "12/30/2021"
output: html_document
```{r}
library(tidyverse)
library(haven)
```{r}
data(cars)
cars <- cars %>%
 mutate(newvar = speed + dist)
```{r}
write_spss(cars, "~/Documents/cars_new.sav", compress = FALSE)
```

## run.rmd: Script that runs clean.rmd

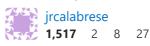
```
title: "run"
author: "jrcalabrese"
date: "12/30/2021"
output: html document
```{r}
rmarkdown::render("~/Documents/clean.rmd")
```

r-markdown

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edited Dec 30, 2021 at 18:36

asked Dec 30, 2021 at 18:22



- It seems odd that your code blocks are not within ```{r} fences, is that because of the SO interface and code formatting? If so, then ... insert the actual rmarkdown including code-fences, then highlight the code and press Ctrl-K which will indent the code, showing the code fences as expected. It'll present a better-formatted question, as we'll have a real working example. Thanks! (If need be, I can edit the question and demonstrate my point, but I don't want to change your question if your real docs don't have the fences.) - r2evans Dec 30, 2021 at 18:26
- 1 Perhaps this helps akrun Dec 30, 2021 at 18:28

## 1 Answer

Sorted by:

Highest score (default)

Thank you for your help! This function works:

2







```{r} source\_rmd = function(file, ...) { tmp\_file = tempfile(fileext=".R") on.exit(unlink(tmp\_file), add = TRUE) knitr::purl(file, output=tmp\_file) source(file = tmp\_file, ...) }

source\_rmd("~/Documents/clean.rmd")

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title: "run"

author: "jrcalabrese" date: "12/30/2021" #output: html\_document

answered Dec 30, 2021 at 18:40



ircalabrese **1,517** 2 8