

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

Asked 1 year ago Modified 1 year ago Viewed 711 times



2



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 `source()`, 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.

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 r-markdown

Share Edit Follow

edited Dec 30, 2021 at 18:36

asked Dec 30, 2021 at 18:22



jrcalabrese

1,517 2 8 27

-
- 1 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
-

Sorted by:

Highest score (default)



1 Answer



Thank you for your help! This function works:

2



```

---
title: "run"
author: "jrcalabrese"
date: "12/30/2021"
#output: html_document
---

```{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, ...)
}
```

```{r}
source_rmd("~/Documents/clean.rmd")
```

```

Share Edit Follow

answered Dec 30, 2021 at 18:40



jrcalabrese

1,517 2 8 27