Creating reproducible examples

reprex

- reprex usage
- Reprex do's and don'ts
- This seems like a lot of work!
- Using datapasta with reprex

Beyond reprex (.Rmd)
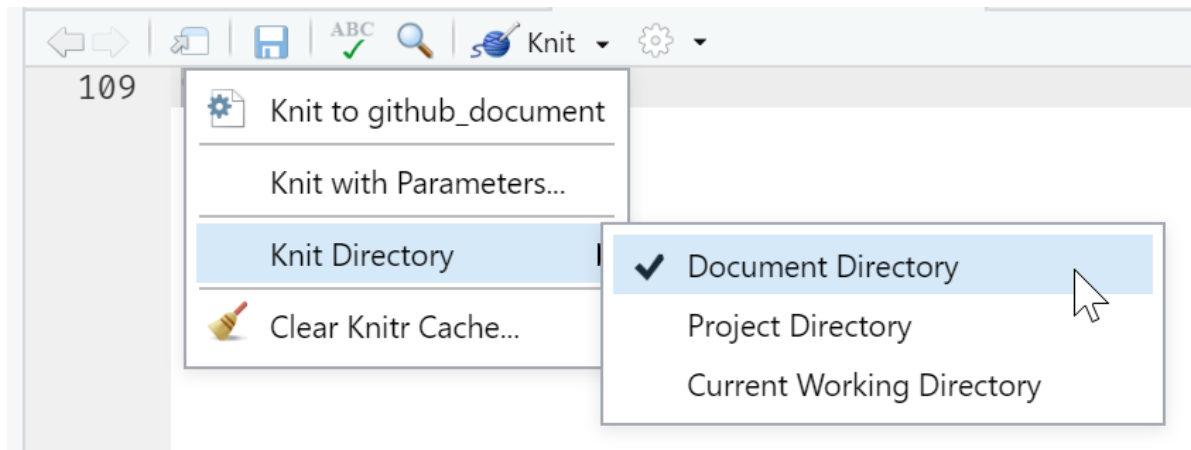
Why .Rmd?

- reprex can't read data from your system

```
reprex::reprex(
  readr::read_csv(here::here("your-file.csv"))
)
#> Error: 'your-file.csv' does not exist in current working directory
('C:/Users/Mauro/AppData/Local/Temp/RtmpCqzepI/reprex4e7022114c1f').
```

- R Markdown can.

```
data <- readr::read_csv(here::here("your-file.csv"))
head(data, 2)
#> # A tibble: 2 x 2
#>     Time demand
#>    <dbl>  <dbl>
#> 1      1    8.3
#> 2      2   10.3
```
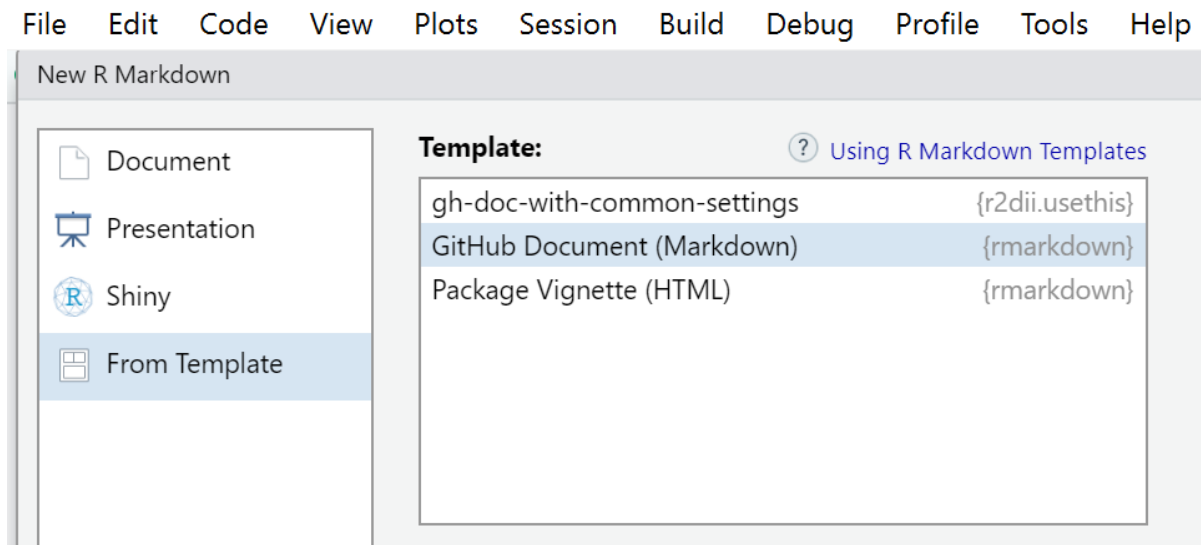
Why `here::here()`?

.Rmd files have a weird notion of working directory

`here::here()` is what you normally expect.

```
here::here()
#> [1] "C:/Users/Mauro/git/ds-incubator"
```

reprex with R Markdown

File > New File > R Markdown…

reprex with R Markdown

- Write your-file.Rmd, e.g.:

```
library(readr)

data <- read_csv(here::here("your-file.csv"))
head(data, 2)
#> # A tibble: 2 x 2
#>     Time demand
#>    <dbl>  <dbl>
#> 1      1    8.3
#> 2      2   10.3

# More code ...
```

- Knit your-file.Rmd (press the *Knit* button).
- Commit and push; GitHub will render your-file.md beautifully.
- Share your-file.csv and the link to your-file.md.