

0325_knitr_chunk_change_fonts_hooks.Rmd

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Contents

PURPOSE: Two methods to change font in just 1 chunk. 1

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First, latex wrap around chunk. Works.

Second, use knitr_hooks to write function triggered by a chunk. Works.

Available latex sizes:

normalsize
small
footnotesize
scriptsize
tiny

knitr functions (pdf): <https://cran.r-project.org/web/packages/knitr/knitr.pdf> knitr home: <https://yihui.org/knitr/> and various sections source code: <https://github.com/yihui/knitr/tree/master/R>

```
mtcars |> head()

##               mpg cyl  disp  hp drat   wt  qsec vs am gear carb
## Mazda RX4      21.0   6  160 110 3.90 2.62 16.5  0  1    4    4
## Mazda RX4 Wag  21.0   6  160 110 3.90 2.88 17.0  0  1    4    4
## Datsun 710      22.8   4  108  93 3.85 2.32 18.6  1  1    4    1
## Hornet 4 Drive  21.4   6  258 110 3.08 3.21 19.4  1  0    3    1
## Hornet Sportabout 18.7   8  360 175 3.15 3.44 17.0  0  0    3    2
## Valiant        18.1   6  225 105 2.76 3.46 20.2  1  0    3    1
```

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## Valiant        18.1   6  225 105 2.76 3.46 20.2  1  0    3    1
```

```
# foo1 will be a function
library(knitr)
knit_hooks$set(foo1 = function(before, options, envir) {
  if (before) {

    '\\tiny _I appear before a chunk!_\\n\\n \\hrule \\n\\n '
  } else {
    '\\hrule \\n\\n \\normalsize  \\n\\n_I am after a chunk..._'
  }
})
```

I appear before a chunk!

1+1

[1] 2

I am after a chunk...