

Main Rmd

Run something here

```
# getwd() opts_chunk$get('root.dir') opts_knit$get('root.dir')

# opts_chunk$set(root.dir='../..') Set root directory when
opts_knit$set(root.dir = "../..")

opts_chunk$set(aliases = c(h = "fig.height", w = "fig.width",
  ow = "out.width", cap = "fig.cap", scap = "fig.scap"),
  "fig.scap"))
opts_chunk$set(dev = c("png"), fig.path = "graphics/", fig
  comment = NA, tidy = TRUE)
opts_chunk$set(oh = 4, ow = 6, h = 4, w = 8)

options(replace.assign = TRUE, width = 50)
options(stringsAsFactors = FALSE, papersize = "letter")
# opts_knit$get('root.dir') base(opts_knit$get('root.dir'),
getwd())
```

set global options

```
# wd <- getwd()  
opts_chunk$get("root.dir")
```

NULL

```
# opts_chunk$set(root.dir=wd)  
# opts_chunk$get('root.dir')
```

```
# load('r/raw/basic-r-script.R')  
source("r/raw/basic-r-script.R")
```

```
system("ls")  
source("./r/raw/basic-r-script.R")  
ls()
```

```
[1] "a"                "check.packages"  
[3] "df"               "x"  
[5] "y"
```

```
x <- rnorm(2000)
y <- x + rnorm(2000)
df <- data.frame(x, y)
ggplot(df, aes(x, y)) + geom_point() + geom_smooth()
```

R version 3.0.1 (2013-05-16)

Platform: x86_64-apple-darwin10.8.0 (64-bit)

locale:

[1] en_US.UTF-8/en_US.UTF-8/en_US.UTF-8/C/en_US.UTF-8/en_US

attached base packages:

[1] graphics grDevices utils datasets

[5] stats methods base

other attached packages:

[1] codetools_0.2-8 Cairo_1.5-2

[3] mgcv_1.7-22 markdown_0.6.3

[5] knitr_1.4.1 devtools_1.3

[7] plyr_1.8 stringr_0.6.2

[9] ggplot2_0.9.3.1

loaded via a namespace (and not attached):

[1] cairoDevice_2.19 colorspace_1.2-2

[2] dplyr_0.2.0.9000 digest_0.6.2