

Main Rmd

Run something here

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

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

opts_chunk$set(aliases = c(h = "fig.height", w = "fig.width", oh = "out.height",
  ow = "out.width", cap = "fig.cap", scap = "fig.scap"), eval.after = c("fig.cap",
  "fig.scap"))
opts_chunk$set(dev = c("png"), fig.path = "graphics/", fig.keep = "high", fig.align = "center",
  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()

## [1] "/Users/bvartanian/Development/moose-drool/test-knitr/r/markdown"
```

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.UTF-8

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
[3] dichromat_2.0-0 digest_0.6.3
[5] evaluate_0.4.7 formatR_0.9
[7] grid_3.0.1 gtable_0.1.2
[9] httr_0.2 labeling_0.2
[11] lattice_0.20-15 MASS_7.3-26
[13] Matrix_1.0-12 memoise_0.1
[15] munsell_0.4.2 nlme_3.1-109
[17] parallel_3.0.1 proto_0.3-10
[19] RColorBrewer_1.0-5 RCurl_1.95-4.1
[21] reshape2_1.2.2 scales_0.2.3
[23] tcltk_3.0.1 tools_3.0.1
[25] whisker_0.3-2