

SASnatch: Using SAS "knitr"-ally

Testing SASnatch

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```
# Need these packages
rm(list = ls())
library(devtools)

# Install SASnatch in particular
setwd("~/courses/stat585/SASnatch")
document()
build_vignettes()
check()
install()

# load the library
library(SASnatch)
```

```
knit_hooks$set(SASnatch = function(before, options,
  envir) {
  if (before) {
    SAScache.directory <- SASnatch:::makeSAScache()
    SASnatch.dsn <- opts_current$get("SASnatch")
    SASnatch.code <- opts_current$get("code")
    SASnatch.label <- opts_current$get("label")

    SASnatch.code <- SASnatch:::SASnatch.before(SASnatch.dsn,
      SASnatch.code, SASnatch.chunk_name = SASnatch.label)

    SASnatch.write.sascode <- paste("write(SASnatch.code,file=\"",
      SAScache.directory, "/", SASnatch.label,
      ".sas\"", sep = "")

    eval(parse(text = SASnatch.write.sascode))

    SASnatch.SASRUN <- SASnatch:::submitSAScode(SAScache.directory = SAScache.directory,
      SASnatch.chunk_name = SASnatch.label)
  } else {
    if (SASnatch.SASRUN)
      cat("SASnatch ran")
  }
})
```

```
d1 <- data.frame(x = 1:10, y = 1:10)
d2 <- data.frame(fish = c(rep("bass", 5), rep("trout",
  5)), wts = rexp(10))
```

```
d3 <- data.frame(deer = c("y", "y", "n"), type = c("buck",  
  "doe", "canine"))
```

```
warning("sthi")
```

```
## Warning: sthi
```

```
SASnatch.SASRUN
```

```
## [1] 0
```