A Minimal Demo of knitr

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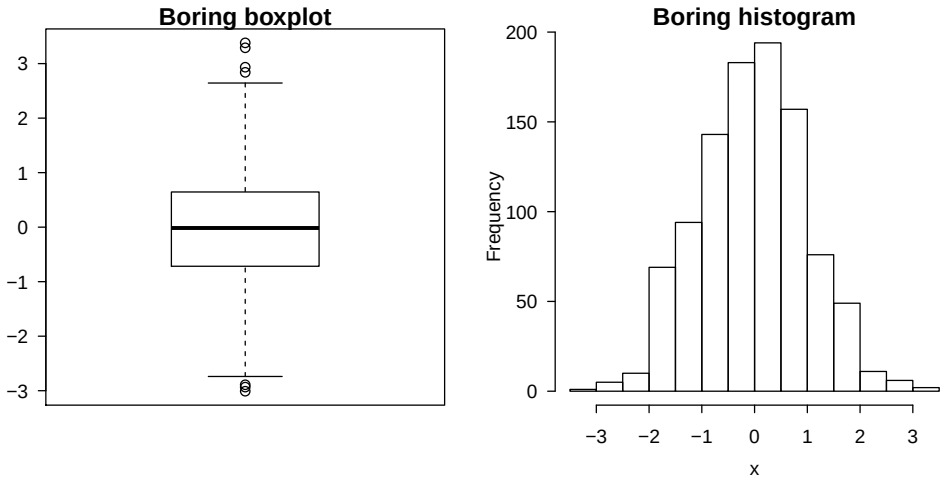
You can test if **knitr** works with this minimal demo. OK, let's get started with some boring random numbers:

```
set.seed(1121)
head(x <- rnorm(1000))

## [1]  0.1449583  0.4383221  0.1531912  1.0849426  1.9995449 -0.8118832

mean(x); var(x)

## [1] -0.03538379
## [1] 1.024176
```

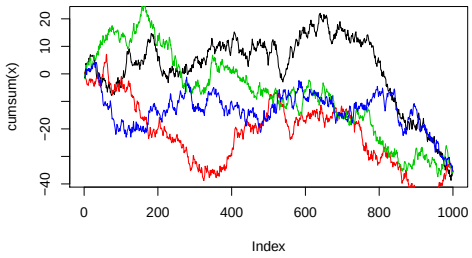
The first element of `x` is 0.1449583. Boring boxplots and histograms recorded by the PDF device:

```
## two plots side by side (option fig.show='hold')
par(mar=c(4, 4, 1, .1),cex.lab=.95,cex.axis=.9,mgp=c(2,.7,0),tcl=-.3,las=1)
boxplot(x, main='Boring boxplot')
hist(x, main='Boring histogram')
```



Cool plot (Brownian motion):

```
plot(cumsum(x), type='l')
silent <- lapply(2:4, function(i) lines(cumsum(sample(x)), col=i))
```



Do the above chunks work? You should be able to compile the TEX document and get a PDF file like this one: `https://github.com/yihui/knitr/releases/download/doc/knitr-minimal.pdf`. The Rnw source of this document is at `https://github.com/yihui/knitr/blob/master/inst/examples/knitr-minimal.Rnw`.