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(1131)
(x=rnorm(40))
```

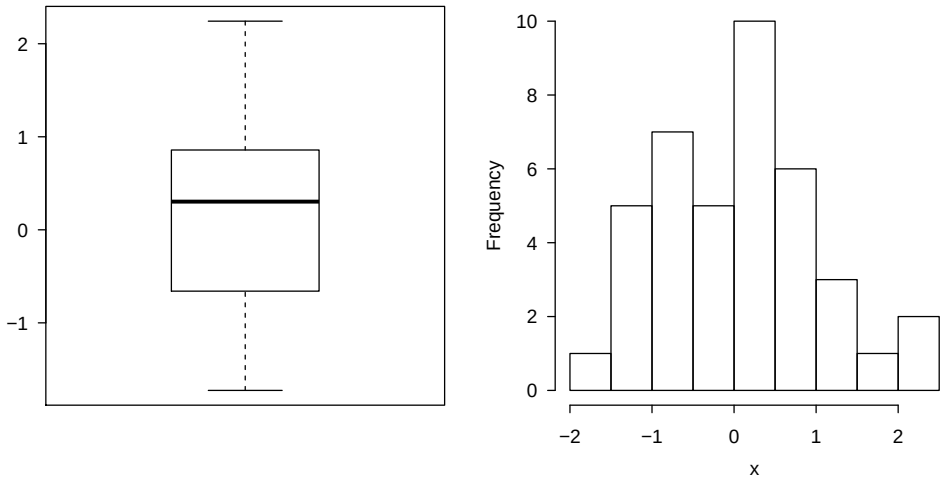
```
##  [1] -0.008833043 -1.258656091  1.093754141 -0.108709059 -0.257665425  0.397345815
##  [7]  0.474400995 -0.855354079  0.109072250 -1.122688682 -1.350214131  2.242594379
## [13]  1.781131945 -0.816594249  0.431317744  0.880509828  1.001527121  0.363488702
## [19]  0.929232102  0.287610185  0.318393146 -1.726161602 -0.588626428 -1.221111809
## [25] -0.547365256 -0.831565126 -0.225903990  2.231282430  0.834996429 -0.729822579
## [31] -0.569947006 -1.195205365  0.976467714  0.645747615  0.922719283 -0.362599712
## [37]  0.457083643  0.484218410  0.320196755  1.097893314
```

```
mean(x);var(x)
```

```
## [1] 0.112599
## [1] 0.9358991
```

The first element of x is -0.008833. 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)
hist(x,main='')
```



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`.