Not an Introduction to knitr

Yihui Xie

September 28, 2013

The **knitr** package (Xie, 2013) is an alternative tool to Sweave based on a different design with more features. This document is not the real vignette, but only serves as a placeholder to guide you to the real manuals of this package. You can find them in the package website: `http://yihui.name/knitr`[1], and remember to read the help pages of functions in this package.

Anyway, here is a code chunk that shows you can compile vignettes with **knitr** as well using R 3.0.x, which supports non-Sweave vignettes:

```
rnorm(5)

## [1]  0.9499 -0.4074 -0.8132 -0.5008 -2.6753

df = data.frame(y = rnorm(100), x = 1:100)
summary(lm(y ~ x, data = df))

##
## Call:
## lm(formula = y ~ x, data = df)
##
## Residuals:
##    Min     1Q Median     3Q    Max
## -3.219 -0.568  0.043  0.541  2.625
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  0.16099    0.20757    0.78     0.44
## x           -0.00433    0.00357   -1.21     0.23
##
## Residual standard error: 1.03 on 98 degrees of freedom
## Multiple R-squared:  0.0148,Adjusted R-squared:  0.00476
## F-statistic: 1.47 on 1 and 98 DF,  p-value: 0.228
```

References

Xie Y (2013). *knitr: A general-purpose package for dynamic report generation in R.* R package version 1.5, URL `http://yihui.name/knitr/`.

---

[1]e.g. the main manual: `https://bitbucket.org/stat/knitr/downloads/knitr-manual.pdf` and the graphics manual: `https://bitbucket.org/stat/knitr/downloads/knitr-graphics.pdf`