

# An Introduction to knitr

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January 28, 2012

The **knitr** package (Xie, 2012) 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.github.com/knitr>, 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 by using a proper Makefile (see <http://yihui.github.com/knitr/demo/vignette/>):

```
rnorm(5)

## [1] -0.68131 -0.28411  0.29377 -0.50146  0.01384

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
## -2.0439 -0.5969 -0.0122  0.6649  3.0313
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  0.032207   0.198133   0.16    0.87
## x            0.000505   0.003406   0.15    0.88
##
## Residual standard error: 0.983 on 98 degrees of freedom
## Multiple R-squared:  0.000224, Adjusted R-squared:  -0.00998
## F-statistic: 0.022 on 1 and 98 DF,  p-value: 0.882
##
```

## References

Xie Y (2012). *knitr: A general-purpose package for dynamic report generation in R*. R package version 0.2, URL <http://yihui.github.com/knitr/>.