First we define a figure hook:

```
> options(SweaveHooks = list(fig = function() par(mfrow=c(2,2))))
```

Then we setup variable definitions without actually evaluating them

```
> x <- 1:10
> y <- rnorm(x)
```

Then we put the pieces together:

```
> x <- 1:10
> y <- rnorm(x)
> lm1 <- lm(y~x)
> summary(lm1)

Call:
lm(formula = y ~ x)

Residuals:
    Min      1Q  Median      3Q     Max
-1.1293 -0.5027 -0.0845  0.4978  1.5294

Coefficients:
            Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.65213    0.62267   1.047    0.326
x           -0.05581    0.10035  -0.556    0.593

Residual standard error: 0.9115 on 8 degrees of freedom
Multiple R-squared: 0.03723,        Adjusted R-squared: -0.08312
F-statistic: 0.3093 on 1 and 8 DF,  p-value: 0.5933

> plot(lm1)
```