Example 1 with HighCharts: Several data series

```
# Testing rCharts from http://ramnathv.github.io/rCharts/
if(!require(devtools)){ install.packages("devtools",
repos="http://ftp.heanet.ie/mirrors/cran.r-project.org/") }
require('devtools', quietly = TRUE )
if(!require(rCharts)){ install_github('rCharts', 'ramnathv') }

h1 <- hPlot(x = "Wr.Hnd", y = "NW.Hnd", data = MASS::survey, type = c("line",
    "bubble", "scatter"), group = "Clap", size = "Age")
#h1$print("chart5")
h1$LIB[2] <- "https://r.tiki.org/rcharts_libraries/highcharts"
h1$save("h1.html")
```

{iframe name="myChart" width="850" height="500" align="middle" frameborder="0" marginheight="0" marginwidth="0" scrolling="auto" src="temp/cache/R_r_test09_rcharts_highcharts/h1.html"}

Example 2 with HighCharts: BoxPlot

```
# Testing rCharts from http://ramnathv.github.io/rCharts/
if(!require(devtools)){ install.packages("devtools",
repos="http://ftp.heanet.ie/mirrors/cran.r-project.org/") }
require('devtools', quietly = TRUE )
if(!require(rCharts)){ install_github('rCharts', 'ramnathv') }

### Simulate some data

### 3 Factor Variables
FacVar1 = as.factor(rep(c("level1", "level2"), 25))
FacVar2 = as.factor(rep(c("levelA", "levelB", "levelC"), 17)[-51])
FacVar3 = as.factor(rep(c("levelI", "levelII", "levelIII", "levelIV"), 13)[-c(51:52)])

### 4 Numeric Vars
set.seed(123)
NumVar1 = round(rnorm(n = 50, mean = 1000, sd = 50), digits = 2)  ### Normal distribution
set.seed(123)
NumVar2 = round(runif(n = 50, min = 500, max = 1500), digits = 2)  ### Uniform distribution
set.seed(123)
NumVar3 = round(rexp(n = 50, rate = 0.001))  ### Exponential distribution
NumVar4 = 2001:2050

simData = data.frame(FacVar1, FacVar2, FacVar3, NumVar1, NumVar2, NumVar3, NumVar4)
```

```
### dummy variable created
simData$tmpFac = "tmp"
bwstats = setNames(as.data.frame(boxplot(NumVar1 ~ tmpFac, data = simData, plot = F)$stats),
    nm = NULL)
h2 = Highcharts$new()
h2$set(series = list(list(name = "NumVar1 Distribution", data = bwstats)))
h2$xAxis(categories = levels(simData$tmpFac), title = list(text = "Dummy Fac Var"))
h2$yAxis(title = list(text = "NumVar1"))
h2$chart(type = "boxplot")
h2$LIB[2] <- "https://r.tiki.org/rcharts_libraries/highcharts"
h2$save("h2.html")
```

{iframe name="myChart" width="850" height="500" align="middle" frameborder="0" marginheight="0" marginwidth="0" scrolling="auto" src="temp/cache/R_r_test09_rcharts_highcharts/h2.html"}