

# Rforecastio Package Update (1.2.0)

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I've bumped up the version number of Rforecastio to 1.2.0. The new features are:

- added ... to the `fio.forecast` function call to let users pass in `ssl.verifypeer=FALSE` and `proxy="host:port"` options (any CURL options, actually). h/t Stefan Fritsch
- using `plyr` for easier conversion of JSON->data frame
- adding in a new `daily` forecast data frame
- roxygen2 inline documentation
- fixed horrible bug in the package code that will finally teach me to clear the environment before testing

```
library(Rforecastio)
library(ggplot2)
library(plyr)

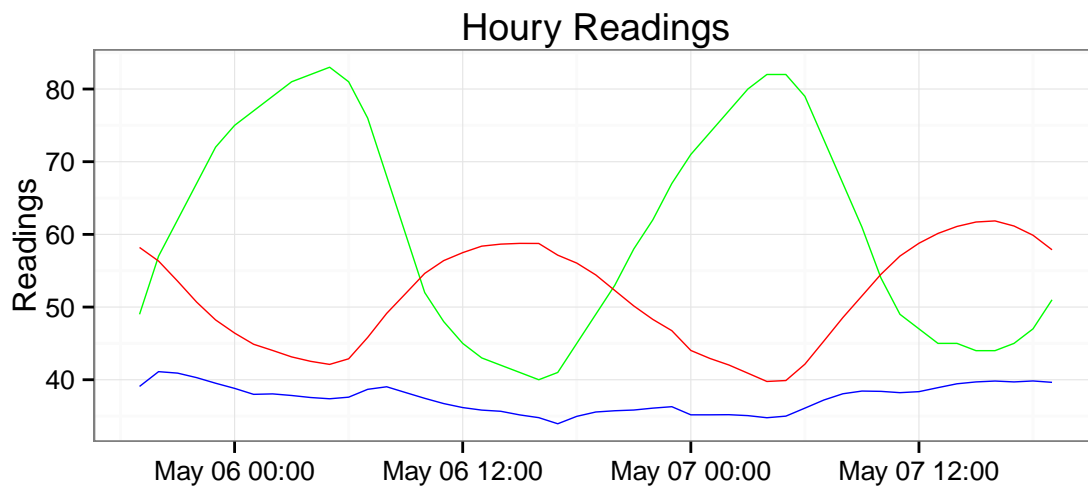
# NEVER put API keys in revision control systems or source code!
fio.api.key= readLines("~/forecast.io")

my.latitude = "43.2673"
my.longitude = "-70.8618"

# can add proxy='host:port' and ssl.verifypeer=FALSE to the end of the fio.forecast call

fio.list <- fio.forecast(fio.api.key, my.latitude, my.longitude)

fio.gg <- ggplot(data=fio.list$hourly.df, aes(x=time, y=temperature))
fio.gg <- fio.gg + labs(y="Readings", x="", title="Hourly Readings")
fio.gg <- fio.gg + geom_line(aes(y=humidity*100), color="green", size=0.25)
fio.gg <- fio.gg + geom_line(aes(y=temperature), color="red", size=0.25)
fio.gg <- fio.gg + geom_line(aes(y=dewPoint), color="blue", size=0.25)
fio.gg <- fio.gg + theme_bw()
fio.gg
```



```
fio.gg <- ggplot(data=fio.list$daily.df, aes(x=time, y=temperature))
fio.gg <- fio.gg + labs(y="Readings", x="", title="Daily Readings")
fio.gg <- fio.gg + geom_line(aes(y=humidity*100), color="green", size=0.25)
fio.gg <- fio.gg + geom_line(aes(y=temperatureMax), color="red", size=0.25)
fio.gg <- fio.gg + geom_line(aes(y=temperatureMin), color="red", linetype=2, size=0.25)
fio.gg <- fio.gg + geom_line(aes(y=dewPoint), color="blue", size=0.25)
fio.gg <- fio.gg + theme_bw()
fio.gg
```

