R news and tutorials contributed by (573) R bloggers

- Home
- About
- RSS
- add your blog!
- R jobs
- Contact us

Welcome!

Follow

Here you will find daily **news and tutorials about R**, contributed by over 573 bloggers. There are many ways to **follow us -**

By e-mail:

Your e-mail here

18204 readers
BY FEEDBURNER

On Facebook:

R blog...
26 391 Me gu...

Me gusta esta página

Sé el primero de tus amigos en indicar que te gusta esto.

If you are an R blogger yourself you are invited to add your own R content feed to this site (**Non-English** R bloggers should add themselves- here)

Jobs for R-users

- Product Analyst (@ Pittsburgh)
- Quantitative Developer/Data Scientist (@ Mountain View)
- Data Scientist AWF
- Network Link analysis Consultant (@ London)
- Seeking R

Programmers for long term contract role

Search & Hit Enter

Popular Searches

- heatmap
- web scraping
- maps
- undefined
- hadoop
- shiny
- twitter
- boxplot
- animation
- ggplot2
- trading
- finance
- time series
- latex
- excel
- ggplot
- pca
- quantmod
- googlevis
- eclipse
- market research
- rstudio
- how to import image file to R
- tutorial
- knitr
- rattle
- coplot
- rcmdr
- gis
- sweave

Recent Posts

- Differences in the network structure of CRAN and BioConductor
- SWMPr 2.1.0 on CRAN
- Visualizing bdsns data using bdvis
- How Do Auction Values Differ by the Number of Teams in Your League? A Multilevel Model
- How do you know if your data has signal?
- Multilevel Models and Political Advertising
- JSM 2015 [day #2]

- The Keep Function
- On radical manuscript openness
- How Do You Know if Your Data Has Signal?
- In case you missed it: July 2015 roundup
- Share your Shiny Apps with Docker and Kitematic!
- JSM 2015 [day #1]
- Curl 0.9.2: tweaks and proxies for windows
- Turning your R (or Python) models into APIs

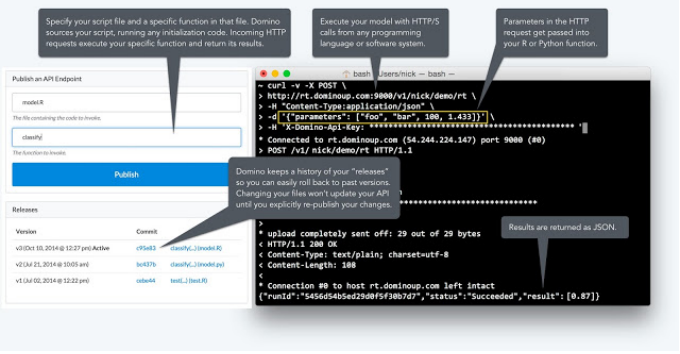
Other sites

- Jobs for R-users
- Statistics of Israel
- SAS blogs

Turning your R (or Python) models into APIs

August 9, 2015
By Jo-fai Chow

(This article was first published on **Blend it like a Bayesian!**, and kindly contributed to R-bloggers)



More and more real-world systems are relying on data science and analytical models to deliver sophisticated functionality or improved user experiences. For example, Microsoft combined the power of advanced predictive models and web services to develop the real-time voice translation feature in Skype. Facebook and Google continuously improve their deep learning models for better face recognition features in their photo service.

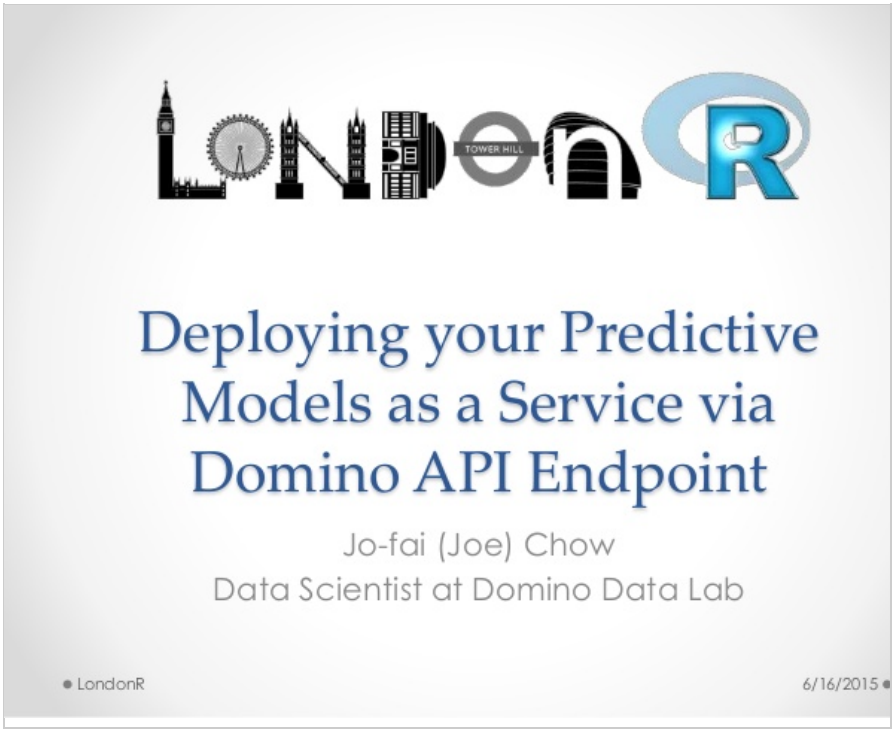
Some have characterised this trend as a shift from Software-as-a-Service (SaaS) to an era of Models-as-a-Service (MaaS). These models are often written in statistical programming languages (e.g., R, Python), which are especially well suited to analytical tasks.

With analytical models playing an increasingly important role in real-world systems, and with more models being developed in R and Python, we need powerful ways of turning these models into APIs for others to consume.

But how?

It is actually a lot easier than you might think. I wrote a step-by-step guide about deploying analytical models as REST APIs. This guide will walk you through how to set up your own MaaS **WITHOUT** a team of full-stack developers/engineers. All you need are the R/Python models you develop and a Domino Data Lab account. You can find the full article on ProgrammableWeb here.

You can also find my slides for the related LondonR talk here:



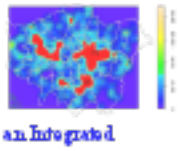
Deploying your Predictive Models as a Service via Domino from **Jo-fai Chow**

When I created this blog back in 2013, my aim was simply to learn ggplot2. Thanks to the feedback and advice from the R community, I continued to learn new stuff and somehow found an opportunity to work for Domino and Virgin Media. I wouldn't say I have seen enough to make a fair comparison with other programming communities. But so far the support from the R community, for me, has been truly special! I believe blogging is one of the best ways to contribute so I better get back to the writing habit! For the next post, I would like to talk about using R with other Microsoft tools (SQL Server, PowerPoint) in a commercial environment.

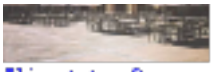
London Kaggle Meetup

I met Alex Glaser and Wojtek Kostelecki after my LondonR talk. They have already set up a meetup for Kagglers. We are working on a collaborative project to build / test / stack models on the Domino platform. For more information, join the meetup first. Let's Kaggle together!

Related



Python meets the APIs
In "R bloggers"


Things to try after useR! - Part 1: Deep Learning with H2O
In "R bloggers"

Statistical Programming Environment and GIS
In "R bloggers"

13
Like
Share

Comments are closed.

Top 3 Posts from the past 2 days

- Scatterplots
- In-depth introduction to machine learning in 15 hours of expert videos
- Installing R packages

Search & Hit Enter

Top 9 articles of the week

1. In-depth introduction to machine learning in 15 hours of expert videos
2. Installing R packages
3. Scatterplots
4. Using apply, sapply, lapply in R
5. Turning your R (or Python) models into APIs
6. Basics of Histograms
7. Microsoft Launches Its First Free Online R Course on edX
8. Read Excel files from R
9. Adding a legend to a plot

Sponsors