Joint Meeting:

Big Data & Hadoop Users Group of WM +

West Michigan Users Group

GVSU Pew Campus, 138E Devos
02/08/17

Thanks to Meeting Sponsor:

Agenda

Announcements

Google Tensor Flow with R, Shannon McCormick, Meijer

Lightning Talks
- ***Tracking News Topics with R and Open Calais,*** *Andrew Borgman, Spectrum Health*
- **Big Data and Algorithm Trading**, Tyson Spoelma, Meijer
- **Data analytics in Retail - How merchants are using big data to drive business growth**, Joe Torres, Meijer
- Using Data Analysis to Develop Tailored Cancer Drugs, Kevin Kesseler,
- R Assignment Operators and Pipes, David Zeitler, GVSU

Last 10 mins to discuss future topics, presenters, venues, and meetings!

Completed Contest & CRAN Milestone:

"R just passed another milestone: 10,000 packages on CRAN. From A3 to zyp, from ABC analysis to Zero-inflated models – 10,000 R packages mean great variety and methods for almost every use case."

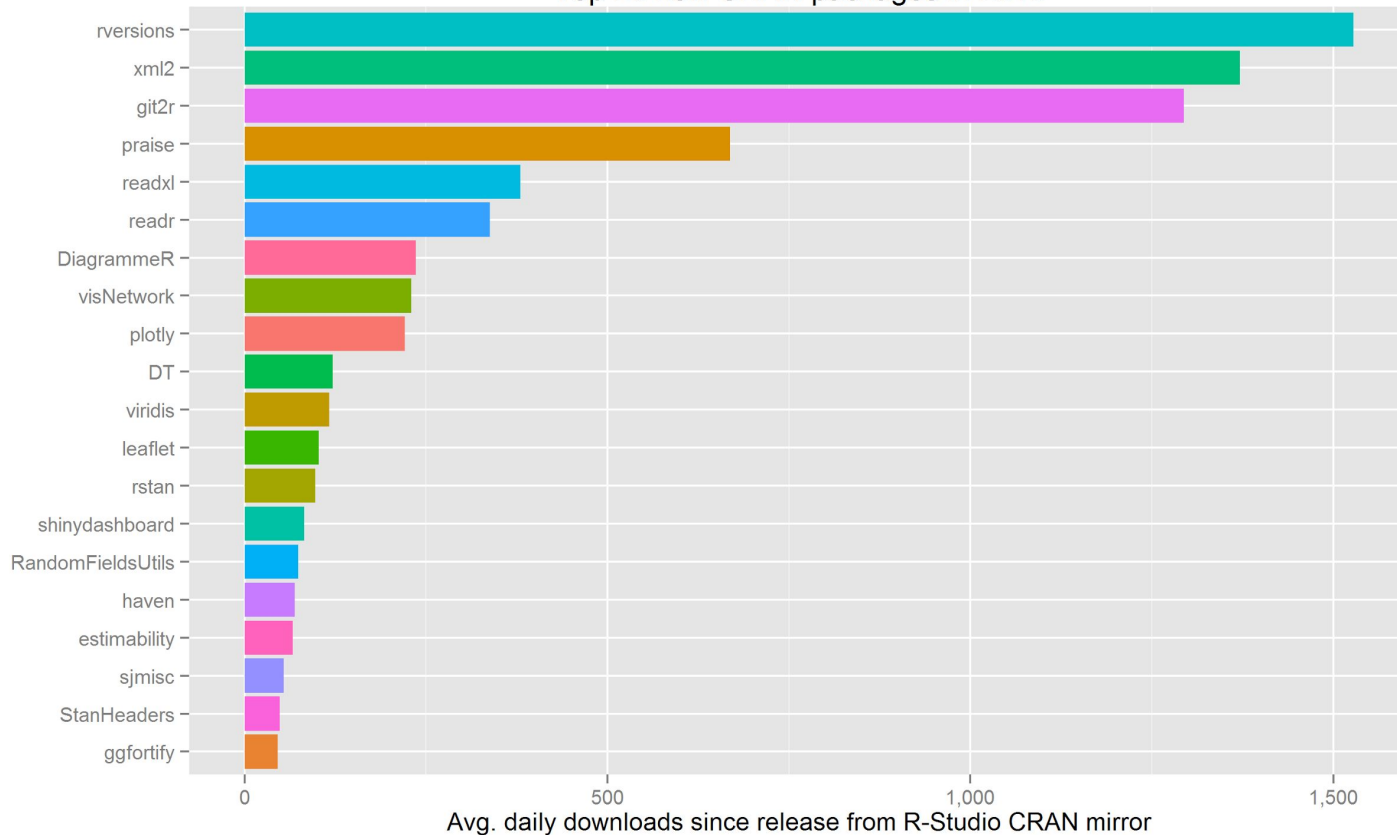**Objective:** Predict date CRAN repository will reach 10,000 R packages
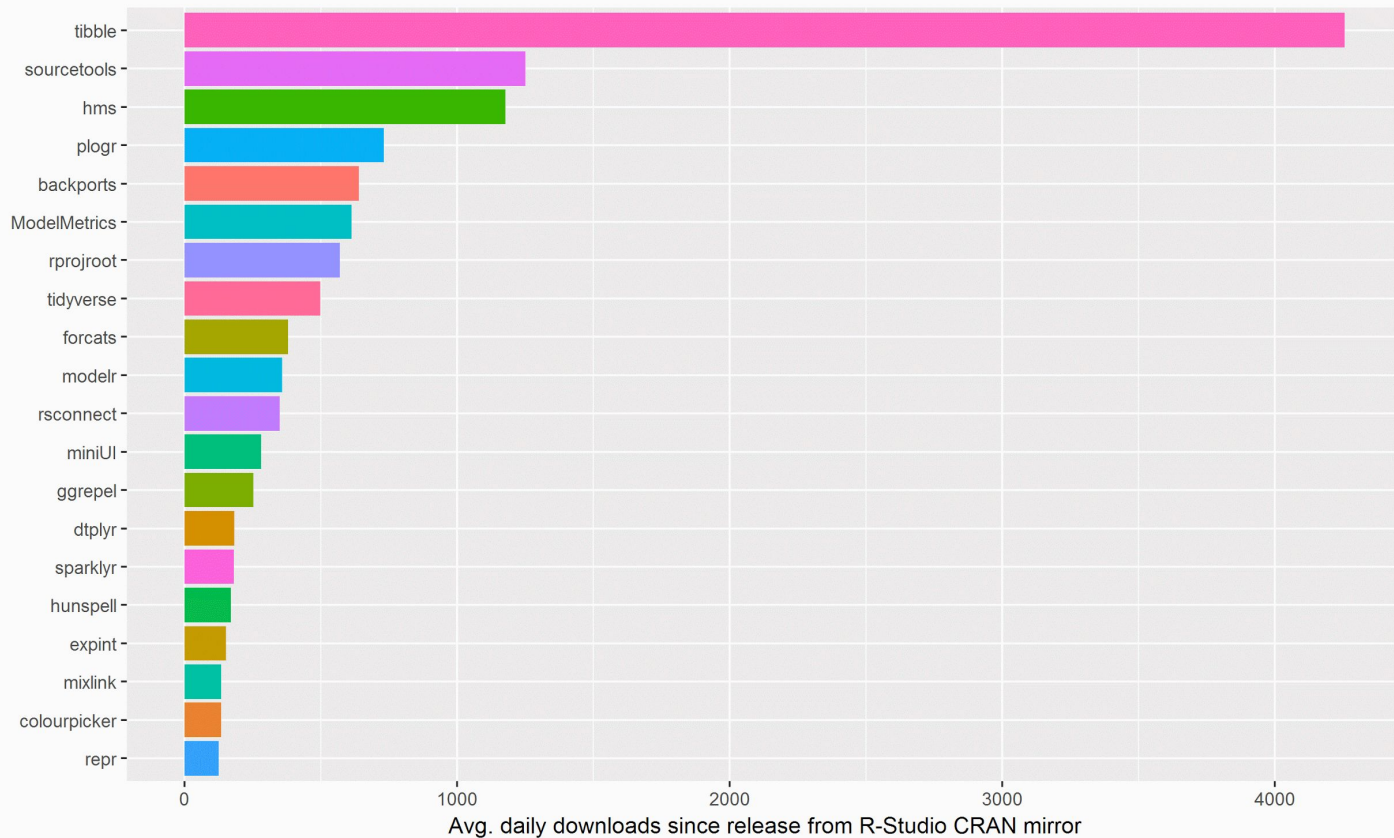
Prize: $100 Amazon Gift Card

The Answer: Jan 28th, 2017

Contest: Observe 2015

Top 20 new CRAN packages in 2015

Avg. daily downloads since release from R-Studio CRAN mirror
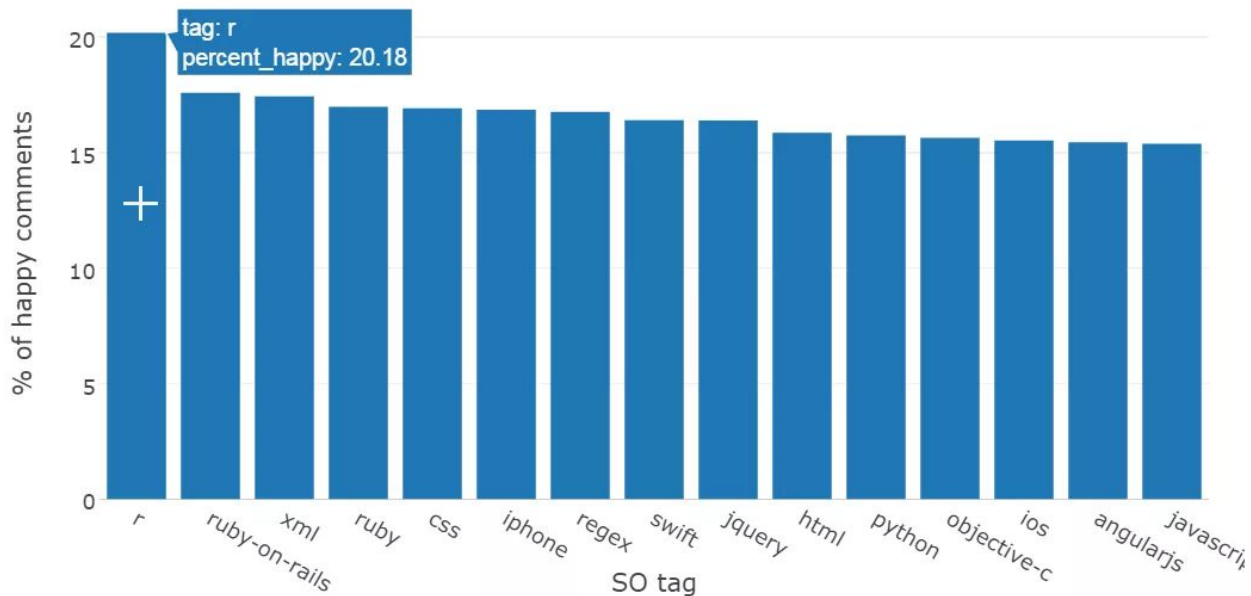
Contest: Guess 2016

Top 20 new CRAN packages in 2016

R Developers are the Happiest

A blogger analyzed all Stack Overflow comments using Google BigQuery to determine which developers are happiest and angriest. "The new **Stack Overflow dataset in BigQuery** has every Stack Overflow question, answer, comment, and more—which means endless possibilities of data crunching. To measure happy comments I looked at comments with "thank you", "thanks", "awesome" or ":)" in the body. I limited the analysis to tags with more than 500,000 comments."
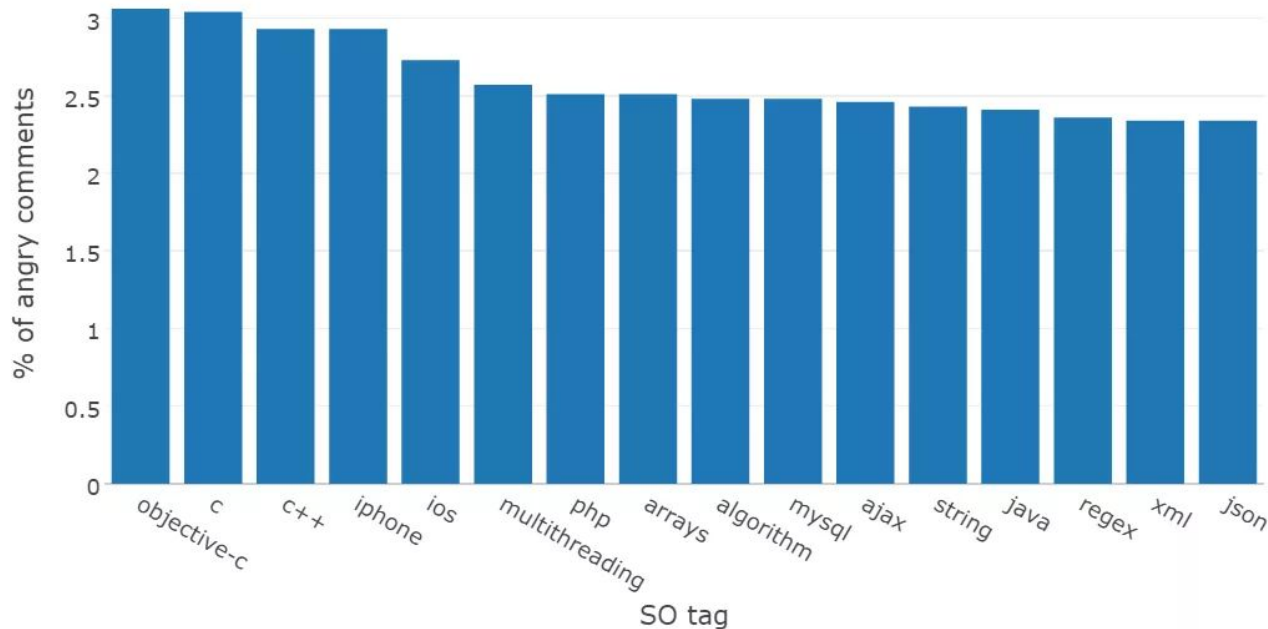
Which Stack Overflow tags have the happiest commenters?

tag: r
percent_happy: 20.18

% of happy comments

SO tag: r, ruby-on-rails, xml, ruby, css, iphone, regex, swift, jquery, html, python, objective-c, ios, angularjs, javascript

Angriest Commenters...

"For angry comments, I counted those with "wrong", "horrible", "stupid", or ":(" in the body. The SQL is the same as above with the search terms swapped out. "

Which Stack Overflow tags have the angriest commenters?

Announcements

Upcoming Conferences with R Topics

Conference on Statistical Practice: Feb 23 - 25
Jacksonville, FL
http://ww2.amstat.org/meetings/csp/2017/
Registration Deadline is Tomorrow!

New York R Conference: Apr 21 - 22
New York City, New York
http://www.rstats.nyc/

PharmaSUG: May 13 - 17
Baltimore, Maryland
www.pharmasug.org
Deadline is April 13th for early bird registration!

R/Finance: May 19 - 20
Chicago, Illinois
http://www.rinfinance.com/

Announcements

New R Jobs in the Area
Posted since our last meeting… via Indeed.com

Actuarial Analyst - new
Hastings Mutual Insurance Company - ★★★★☆ 9 reviews -
Grand Rapids, MI
Familiarity working with SQL, SAS or R. We are looking for an ambitious, talented entry-level Actuarial Analyst....
1 day ago - save job - more...

Biostatistics Intern - new
Spectrum Health - ★★★★☆ 470 reviews - Grand Rapids, MI
This includes sample size calculations and power analysis in GPower, experimental design and analyzing data using SAS or R, cleaning data in both SAS or R, and...
17 days ago - save job - more...

Statistician II - new
iMPact Business Group - ★★★★★ 2 reviews - Grand Rapids, MI 49525
The Statistician II role will be focused on applying data principles and statistical methodology in a variety of business applications for products connected to...
Easily apply
10 hours ago - save job - more...

Research Associate
Basis Policy Research - Grand Rapids, MI
Experience working in Stata, R, or Tableau. Please send a *cover letter, resume, and three professional references*....

Senior Associate
Basis Policy Research - Grand Rapids, MI
To Apply: Please send a cover letter, curriculum vitae, and three professional references to careers @ basispolicyresearch.com Description: Basis Policy

Data Scientist-Senior - new
Technology Partners - ★★★☆☆ 13 reviews - Grand Rapids, MI
With at least 3 years of relevant work experience. Health, Dental, and Vision insurance. Do you have experience with Python, R, SAS, or Matlab?...
9 hours ago - save job - more...

Data Scientist - Senior: Grand Rapids, MI - new
Envision, LLC - Grand Rapids, MI
Data Scientist - Senior:. We are seeking an experienced individual to process and transform sensor data into meaningful measurements that will provide new...
3 days ago - save job - more...

😊 Call for Presenters!

Lightning Talks

- 10 minutes with 5 minutes for questions
- Short informal topic oriented talks, a couple of slides and/or a demonstration.
- Examples: show off that great new package or code snippet you found (or developed yourself).
- Students! These are a great way to add a bullet point to your resume. The format is essentially the same as conference contributed talks, but we're a LOT less intimidating
- Earn Microsoft R Swag

Call for Presenters!

R Use-cases

- 30 - 50 minutes with time for questions
- Longer, going into more depth and are more workflow-oriented.
- Examples: walk us through a recent project or statistical method in R.
- Of course, Earn Microsoft R Swag

1st Talk

Google Tensor Flow with R
- Shannon McCormick

Lightning Talk

Tracking News Topics with R and Open Calais
-Andrew Borgman, Spectrum Health

Lightning Talk

Big Data and Algorithm Trading
-Tyson Spoelma, Meijer

Lightning Talk

Data analytics in Retail - How merchants are using big data to drive business growth
-Joe Torres, Meijer

Last 10:

Meeting Materials (slides/ code) will be available here:
https://github.com/WestMichiganRUserGroup/Meeting-Materials

Discuss…
 future topics, presenters, venues, and meetings!

Next Meetup

BGHUGWM

Wednesday, March 8th at TBD Location

"Steelcase: Big Data Initiatives and Lessons Learned"

WMRUG

Tuesday, March 21st at a TBD Location