

rOpenSci Community Call No. 4

Date: May 27th, 2015

Time: 2-3 pm PST (Find your time at http://everytimezone.com/#2015-5-27_540.cn3)

GitHub repo: <https://github.com/ropensci/commcalls>

In attendance (plz also put your name in here and on the right so we know who you are, and who types what):

- * Scott Chamberlain (rOpenSci)
- * Jenny Bryan (UBC, rOpenSci)
- * David Winter (ASU, rOpenSci-ish)
- * Karl Broman (UW-Madison)
- * Kent Russell (Timely Portfolio)
- * Gabe Becker (Genentech)
- * Ben Marwick (UW-Seattle)

How to connect:

- * We'll use BlueJeans for audio/video
- * Up to 100 people can be in the call - hopefully this will be plenty. Everyone in this Etherpad can chat and take notes/write comments.
- * Link to meeting: <https://bluejeans.com/110125479>
- * If you have trouble connecting, let us know and we'll try to fix it
- * We'll post recording of call on vimeo after the call at <https://vimeo.com/ropensci>

Agenda:

- * David Winter - rentrez
 - * Q/A session
 - * Links:
 - * slides: <http://dwinter.github.io/ropensci-comcall/>
 - * example from which my demo is adapted: <https://gist.github.com/dwinter/8b98bf57a287ac9f389a>
 - * renseml which I'm going to ask for help on <https://github.com/dwinter/resembl>
 - * Some Github repos using rentrez
- <https://discuss.ropensci.org/t/use-of-some-ropensci-packages-on-github/137>
- * Workflow Gist: _____[To be updated: <https://gist.github.com/dwinter/706f62079b9394ba8f1d>]
 - * Carl Boettiger - Rocker
 - * Q/A session
 - * Links:
 - * On GitHub: <https://github.com/rocker-org/>
 - * On Docker Hub: <https://registry.hub.docker.com/repos/rocker/>
 - * Carl mentioned Docker machine: <https://github.com/docker/machine>
 - *

(----- ASK QUESTIONS HERE ----- YOU CAN ALSO ASK QUESTIONS USING VOICE/VIDEO IN BLUE JEANS)

David:

Questions for David here:

- * Do MESH terms only work for medical articles?
 - * everything that goes in to pubmed gets mesh headings
- * What is up time like for the Entrez web services?
 - * Some times travis tests fail, so down sometimes, some endpts can be down for a week, See also webenvs
- * What is the most widely used part of rentrez?

- * 50% of time trying to convert IDs - from X database to Y database
- * Are there any plans to use or interface with the Bioconductor objects/framework?
- * Not at this point

Carl:

Questions for Carl here:

- * For Carl or Ben: has either of you used this in teaching so the Windows folks use Rocker instead of trying to get, e.g. a full dev environment, working on the motley assortment of Windows we tend to see? Ben here: yes, rocker has been working well in the wild on a variety of windows and OSX student laptops. Main hurdle has been hitting memory limits on students' laptops, then we go to DigitalOcean and Amazon EC2
- * I gather that using the internet from the Docker container can be painful (?). If I put my Windows students into that environment, will we have pain using GitHub? Ben here: webscraping hasn't worked for me in Docker. But all the usual Git/GitHub functions with remote repos work as expected from a Docker container.
- * OK so the pain from OAuth flow does not apply to these other things?
- * When Carl added the taxize installation to the hadleyverse container, I didn't really see the usual Git-like commit message describing the new addition. You said Docker is sort of Git like. What are the Docker analogs of commit messages, diffs, etc. Are there GUIs, like SourceTree for Git?
- * Do you use R via Rocker/docker for your day to day use? If not, what are the ideal use cases - Answered, thx
- * When does the actual R package installation happen? Is there a way of tracking/asserting package versions?

General Notes/questions:

(Throughout the call, write in questions here, and we will try to get to all of them, and if you're on voice you can ask your question, etc.)

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