Community call v7

Guest speakers: Tony Fischetti http://www.onthelambda.com/
Date: 2015-10-07
Video will be put up at: https://vimeo.com/channels/rocommunitycalls

Agenda:
- Tony Fischetti on assertr https://github.com/tonyfischetti/assertr
- Q/A session

In attendance
- Scott Chamberlain (ropensci)
- Jenny Bryan (UBC, ropensci)
- Karl Broman (U Wisconsin–Madison)
- Gavin Simpson (U Regina)
- Erika Salomon (U Illinois)
- Andrew MacDonald (UBC)
- Nicholas Potter (WSU)
- Gabe Becker (Genentech Research)
- Seth Wayland (Opinion Dynamics)
- Bob Rudis (Verizon)

Tony's talk:
http://statethatiamin.onlythisrose.com/assertr-presentation.html#/

Note, if you want to chat, you have to be logged in with a google account

Question for Tony (write in as you think of them):
- What does the workflow look like *after* you detect problems? Do you only have error messages to work from or is something programmatically returned, e.g. the affected row numbers, to help you inspect the sketchy data? The 'problems' attribute returned by import functions in readr might be worth consulting for ideas. (Jenny)
- Are there column + row-wise operations? (Scott)
- How would assertr work with a tool like loggr, for logging error messages? (Andrew)
- Related to that, is it possible to make these functions throw warnings, not errors, so that everything keeps going? Sometimes Nature just has outliers (Andrew) (i think you did mention this but i missed how its done)
  - modify the assertr stop function to use a different function (warning() or message()) in place of stop()
- What about performance. Do you not use this with datasets of > X size?(scott)

- ○ Should be fast, but happy to use e.g., Rcpp to speed up slow things
- re: the condition of stop function, I think Hadley's Advanced R has a section on that.

- Does assertr ever throw non-simple errors (i.e. support throwing more specific exceptions)? (Gabe)

Notes:
- Thanks to Tony! Yes indeed!