pls respond

Overview

General

* Generating visualizations based on email response times depending on important/normal labels and over time (days of the week and monthly)
* Compare different lifestyles based on response times

Technical Components

* Website front-end: Twitter Bootstrap, JavaScript, jQuery
* Website back-end: Flask framework (Python)
* Visualization generation: d3.js
* Email source: Nelson Osacky’s Gmail archive (and Thomas)

Installing and Running

Downloading Gmail .mbox Archive

* Visit <https://www.google.com/settings/takeout/custom>
* Uncheck all boxes except Mail
* Click Create Archive
* Archive generation will take at least a few hours. Google will email you when it is ready.
* Download the .mbox archive from <https://www.google.com/settings/takeout/downloads>.
* Online file will expire in seven days from when it was generated.

Converting to desired format: .tsv (tab separated values)

* Download the following file from our GitHub (right click -> Save As) <https://github.com/tadeegan/emailvis/blob/master/parse.py>
* In terminal, run: python parse.py <filename.mbox> <useremail> >> output.tsv

Using the website and generating the visualizations

* Visit [http://thomasdeegan.com:8000/](http://thomasdeegan.com:3000/)
* Click the browse bar and open your .tsv file
* Click “pls generate”
* You will first be redirected to a line graph visualization the response times of the whole timeline of your Gmail account.
* Note: “important” labels were not implemented until 2010 so there is no urgent data before then.
* There is also a link “by week” that shows the weekly response times. You can filter certain strings to customize the response times for emails involving that string.

Roles

* Python Script for .mbox to .tsv conversion: Thomas & Nelson
* D3 Integration: Thomas and Jennie
* Website Frontend/Backend: Tim
* Documentation: Tim