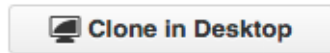


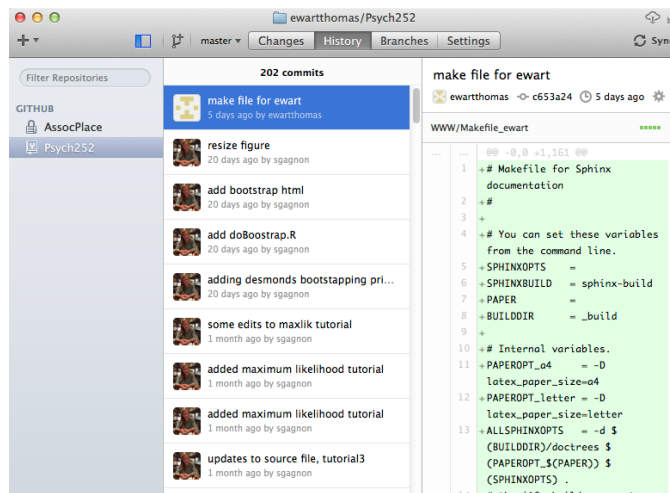
# Managing Psych 252 Website via GitHub

## Setting up your computer:

1. Create a GitHub account: <https://github.com/>. Send Ewart your github username so he can add you as a collaborator to the Psych252 repository (main folder) on his GitHub.
2. Download GitHub Mac: <https://mac.github.com/>
3. Clone (download) Psych252 repository from Ewart's GitHub
  1. Go to: <https://github.com/ewarthomas/Psych252>
  2. Click "Clone in Desktop" on right panel



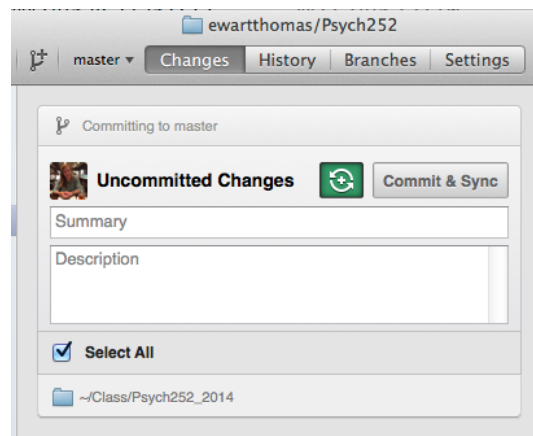
3. Choose the location where you'd like to download the repository (e.g., ~/Class/Psych252)
4. Find the repository in GitHub Mac



## Making an edit/Adding file to website:

### 1. Save change to GitHub

1. In GitHub Mac, navigate to Psych252 repository
2. Click the "Changes" tab to commit/sync your changes; click "History" to see the changes you've made, and a history of past commits.



3. Type a brief line about your change into the "Summary"

# Managing Psych 252 Website via GitHub

4. Commit & Sync your change (click the "arrows-in-a-circle" button to either just "Commit" your change or "Commit & Sync" at the same time; if making many changes at once, you might want to make commits as you go along, and then sync everything later)
5. Now your changes are updated in Ewart's GitHub repository online!

**Note:** Be careful when multiple people are editing the same file at the same time; if you both change the same line, GitHub can get confused and not know which line to keep!

## 2. Upload changes to Psych252 website

1. **First time only:** In WWW folder of Psych252 repository, create a Makefile for yourself by opening Makefile\_example with a text editor (e.g., TextWrangler), and changing "YOURSUNETIDHERE" (last line of the file) to your sunet ID (e.g., "sgagnon"). Save As "Makefile\_yourname".

```
156 upload:
157   cp datasets/* _build/html/data/
158   cp tutorial_files/* _build/html/tutorials/
159   cp section_files/* _build/html/section/
160   cp section_files_2013/* _build/html/section_2013/
161   rsync -azP $(BUILDDIR)/html/ YOURSUNETIDHERE@cardinal.stanford.edu:/afs/ir/class/psych252/WWW
162
```

2. Open up a terminal window (e.g., Terminal, iTerm <http://iterm2.com/>)
3. **First time only:** Make sure you have Sphinx installed (which helps build the website)  
> easy\_install sphinx  
Or, if you have permission errors, try this:  
> sudo easy\_install sphinx
4. **First time only:** Install the website theme  
> easy\_install sphinx-bootstrap-theme
5. Navigate to the Psych252/WWW/ folder; for example:  
> cd ~/Class/github/Psych252/WWW/
6. Run your Makefile to upload, for example:  
> make -f Makefile\_steph clean html upload

## Notes about the Psych WWW Structure:

- Each **page of the website** (e.g., Tutorials, Sections, Data) is contained in a separate folder by that name (e.g., tutorials, section, data)
  - **Note:** you can **edit the webpage content** by navigating into that page's folder (e.g., tutorials), and opening the **index.rst** file with a text editor (I recommend TextWrangler, <http://www.barebones.com/products/textwrangler/download.html>). The markup language used here is called RestructuredText, which is similar to Markdown.
- The **files linked from each page** are stored in *separate folders* (e.g., tutorial\_files, section\_files). When **editing files in R** (e.g., .Rmd, .html), save them in the **"\_files"** folder (e.g., tutorial\_files). When you upload to the web, the files will be transferred into the regular folder online (e.g., tutorials), so you can **remove the "\_files" part from the link** (e.g., <http://www.stanford.edu/class/psych252/tutorials/stutorial3.html> corresponds to the file stutorial3.html stored in the tutorial\_files folder).
- **Note:** when you knit a .Rmd file, you might need to **delete the folder** generated with plot image files in order to upload to the website; they should be saved into the .html file automatically.