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## Activities

- Create a GitHub account.
- Complete Hello World exercise on GitHub
- Clone GitHub repo into RStudio project

## Create a GitHub account

- Instructions: <http://happygitwithr.com/github-acct.html>
- Request student discount: <https://education.github.com/>

## Complete Hello World exercise

- Complete Hello World exercise on GitHub

## Install git on your computer

- Instructions: <http://happygitwithr.com/install-git.html>

## Tell git who you are

- Instructions: <http://happygitwithr.com/hello-git.html>

## Connect git to your GitHub account

- Instructions: <http://happygitwithr.com/push-pull-github.html>
- Avoid authenticating each time by caching credentials or using ssh keys.

## Connect RStudio with git and GitHub

- Clone the Hello World repo, following these instructions: <http://happygitwithr.com/rstudio-git-github.html#clone-the-new-github-repository-to-your-computer-via-rstudio>

## Create new RStudio project

- Instructions: <http://happygitwithr.com/new-github-first.html#new-rstudio-project-via-git-clone>
- GitHub repo first
- New RStudio project by cloning repo

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## GitHub pages web site for an organization (or individual)

- What's an organization?
  - psu-psychology is a GitHub organization
  - gilmore-lab is a GitHub organization
- How to
  - Put web site files in 'organization-name.github.io' repo.
  - Configure organization to enable GitHub pages.

## GitHub pages web site for an organization (or individual)

- Example
  - Organization: <http://github.com/gilmore-lab>
  - Repo: <http://github.com/gilmore-lab/gilmore-lab.github.io>
  - Site: <http://gilmore-lab.github.io>

## GitHub pages web site for an individual repo

- Example use cases
  - Projects within lab organization
  - <https://psu-psychology.github.io/psych-260-spring-2017/>
  - <https://psu-psychology.github.io/data-science-and-reproducibility>
  - <https://psu-psychology.github.io/psy-511-reproducible-research-spring-2017>
- How to
  - URL combines organization-name + github.io/ + repo-name
  - Web files to docs/ folder within repo. Example or
  - Repo itself. Example. *Should probably change file name for better URL.*
  - Configure repo's GitHub pages settings accordingly

## Assignments

- Create GitHub repo for the project you completed last week
- Create a repo for notes related to your final course project
  - Start outlining the possible directions that project might take