Portfolio Part 3: Accompanying Instructions

STAT 244

These instructions refer to the specific video on Moodle: Portfolio Part 3: Pushing to Github from RStudio. Please note that this document *does not replace* the video instructions.

Make sure all commands are run in the `Terminal` (on the bottom of RStudio), which is the tab next to `Console` and `Background Jobs`.

ℹ (1) Note: At Time 00:19 in Video:

- Ignore all the files I have on the bottom right
- Your code space will just have `.gitignore`, your `Rproj` file, and `README.md`.

💡 (2) Command At Time 00:28 in Video (Optional)

```
ls -al ~/.ssh
```

- This command lists (using `ls`) all keys currently existing in a (hidden) file called `~/.ssh`
- Even if you have a key here, you probably should generate a new one, so running this command isn't strictly necessary; you can proceed with the video.

💡 (3) Command At Time 01:01 in Video:

```
ssh-keygen -t ed25519 -C "your_email@example.com"
```

- **Replace `"your_email@example.com"` with your MHC email address.**
- This command generates a personal key for you.

💡 (4) Command At Time 02:00 in Video:

```
eval "$(ssh-agent -s)"
```

💡 (5) Command At Time 02:20 in Video:

```
ssh-add ~/.ssh/id_ed25519
```

💡 (6) Command At Time 02:33 in Video:
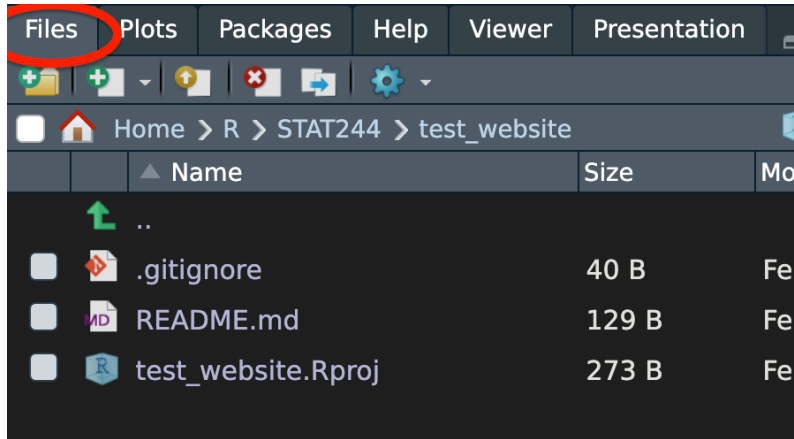
```
cat ~/.ssh/id_ed25519.pub
```

- The command `cat` prints the content of a file in the terminal (which we will then copy)

- When copying your key from the terminal (after using `cat` to output it), don't add any newlines or white space.
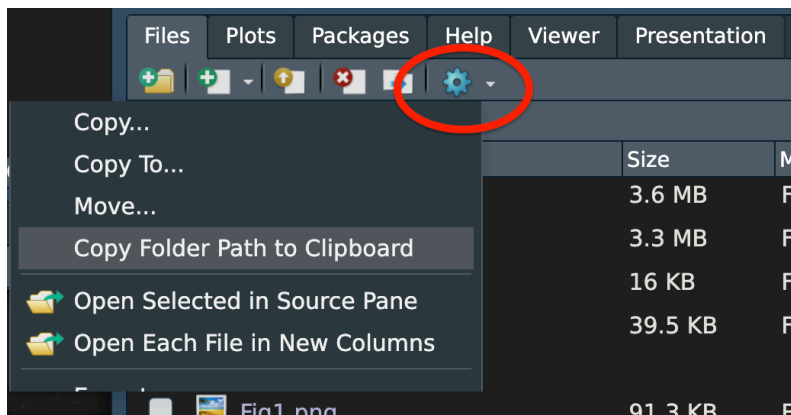
💡 (7) Command At Time 04:12 in Video:

```
git remote -v
```

If this command generates an error with the words `git` and `fatal`, rest assured – this simply means you are not entering the commands in the directory (folder) where your Github documents are located.

- To fix this, go to the `Files` explorer and find the folder with your `.gitignore`, `README.md`, and `Rproj` file (mine is called `test_website.Rproj`):

-

- Click on the blue Gear icon and select `Copy Folder Path to Clipboard`. This will copy the exact location of your folder.

-

- In `Terminal`, type `cd` (which is `cd` followed by a space) and then paste in your folder location from your clipboard. For example, I would have: `cd ~/R/STAT244/test_website`

- In general, the command `cd` in `Terminal` means "go to this location" (for Linux systems).

- Now you should try:

```
git remote -v
```

and you should see something akin to what is in the video:

```
origin https://github.com/lauralyman/lauralyman.github.io.git
↪  (fetch)
origin https://github.com/lauralyman/lauralyman.github.io.git (pull)
```

💡 (8) Full Command At Time 05:33 in Video:

The video makes this hard to see, but the entire command is:

```
git remote set-url origin git@github.com:OWNER/REPOSITORY.git
```

where you replace `OWNER` with your Github username (mine is `lauralyman`) and `REPOSITORY` with the name of your online repository (which should end in `github.io`; mine is `lauralyman.github.io`). So the command I enter is:

```
git remote set-url origin
↪  git@github.com:lauralyman/lauralyman.github.io.git
```

References

- [Checking for existing SSH keys](#)
- [Generating a new SSH key and adding it to the ssh-agent](#)
- [Adding a new SSH key to your GitHub account](#)
- [Managing remote repositories](#)