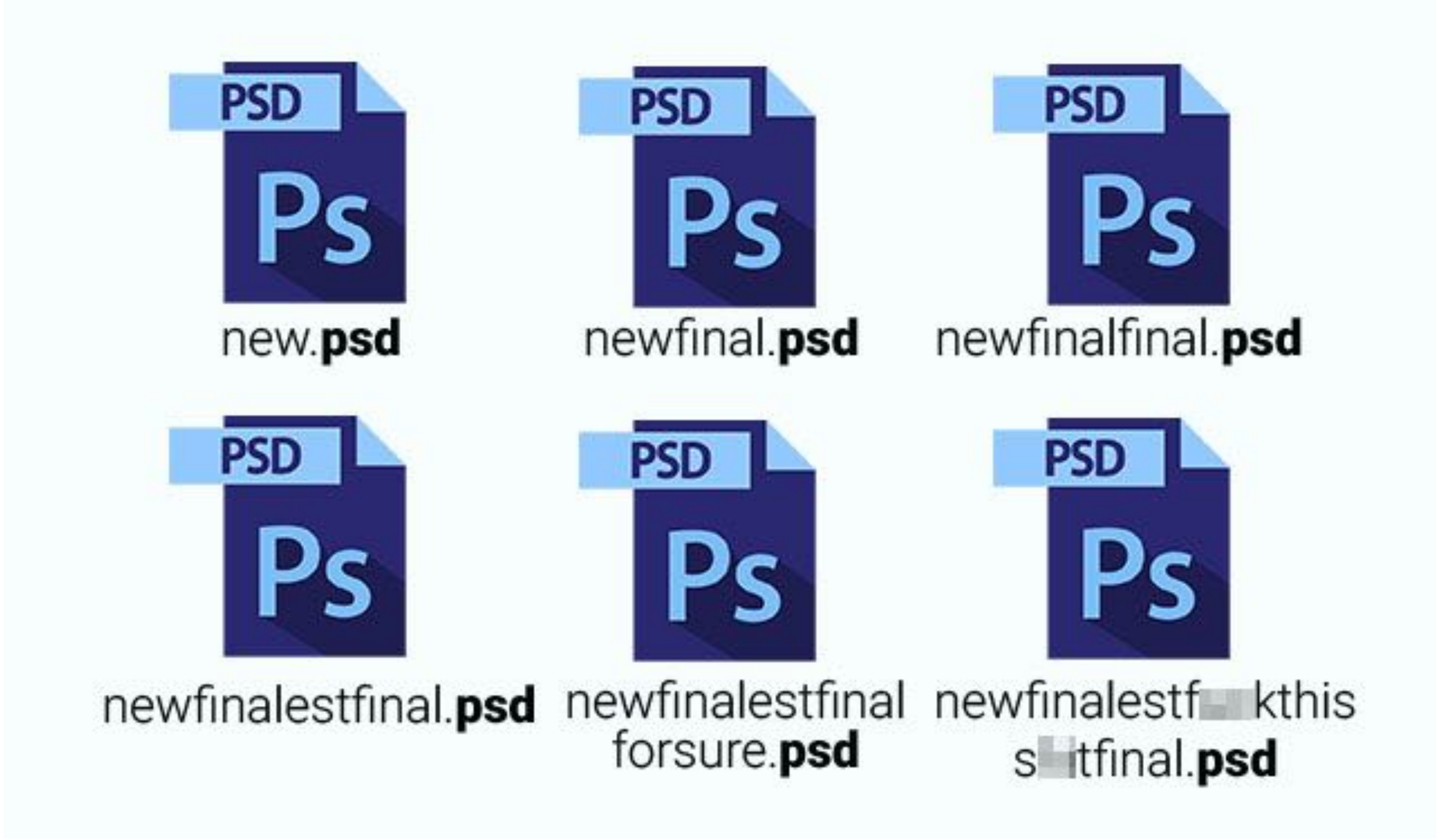
version control

Building a Website 2018

what is version control?


PSD
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new.psd
PSD
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newfinal.psd
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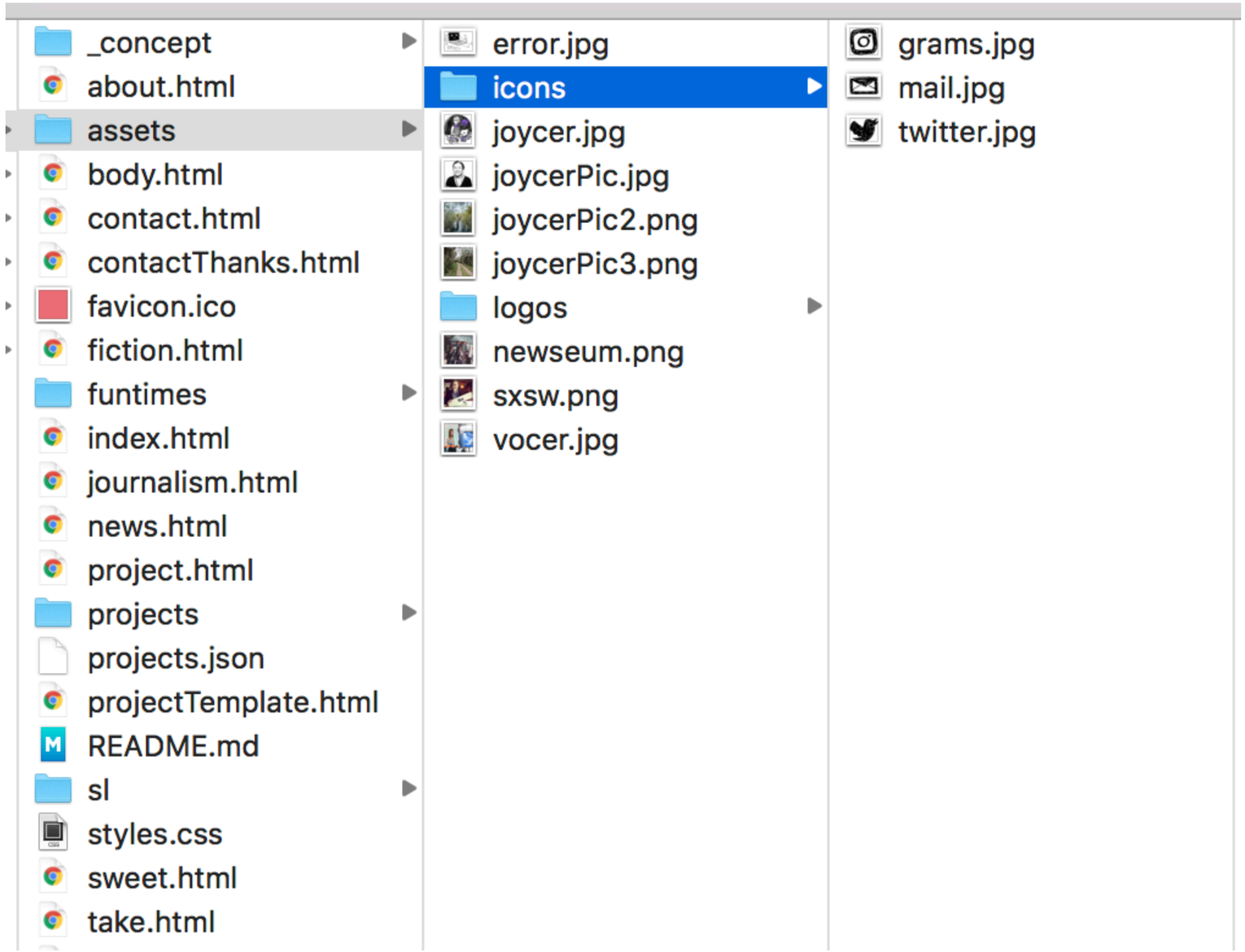
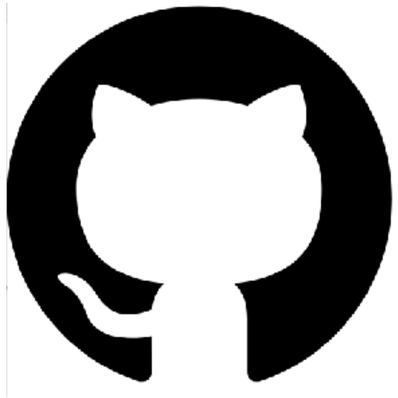

_concept
about.html
assets
body.html
contact.html
contactThanks.html
favicon.ico
fiction.html
funtimes
index.html
journalism.html
news.html
project.html
projects
projects.json
projectTemplate.html
README.md
sl
styles.css
sweet.html
take.html
error.jpg
icons
joycer.jpg
joycerPic.jpg
joycerPic2.png
joycerPic3.png
logos
newseum.png
sxsw.png
vocer.jpg
grams.jpg
mail.jpg
twitter.jpg

```
<body>
    <!--HERE IS THE HEADER-->
    <header>
        <a href="http://teenyrobots.net">
            <h1>joyce rice</h1>
            <h2 class="selected">design <span style="font-weight: 100;">et al.</span></h2>
        </a>
        <ul>
            <a href="work.html">
                <li>work</li>
            </a>
            <a href="about.html">
                <li>about</li>
            </a>
            <a href="news.html">
                <li>blog</li>
            </a>
            <a href="contact.html">
                <li>contact</li>
            </a>
        </ul>
    </header>
    <!--THAT'S IT FOR THE HEADER-->
```

the industry standard version control system is called **git**

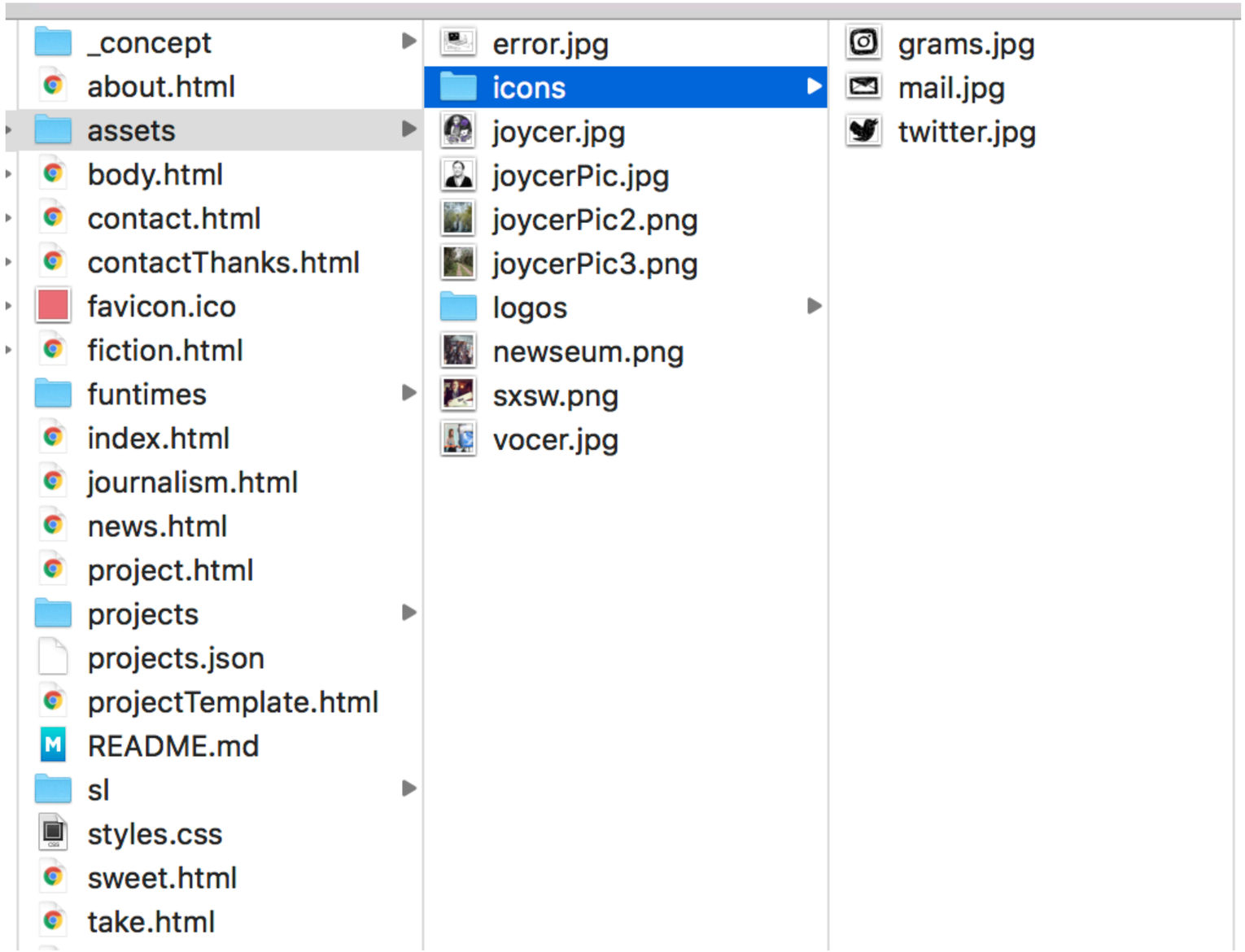
you may recognize this as the first word in **GitHub**



Version control

The management of changes to documents, computer programs, large web sites, and other collections of information

wikipedia.org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news.html
project.html
projects
projects.json
projectTemplate.html
README.md
sl
styles.css
sweet.html
take.html
error.jpg
icons
joycer.jpg
joycerPic.jpg
joycerPic2.png
joycerPic3.png
logos
newseum.png
sxsw.png
vocer.jpg
grams.jpg
mail.jpg
twitter.jpg

Git

A version control system for tracking changes in computer files and coordinating work on those files among multiple people.

wikipedia.org

Git was created by Linus Torvalds in 2005 for development of the Linux operating system

you **do not need** the internet to use git

however, the internet makes it

much easier

GitHub

A web-based hosting service for version control using Git

wikipedia.org

teenyrobots

bunch of crows disguised as a woman

Edit bio

Edit profile

planes, trains, + bicymobiles

ProTip! Updating your profile with your name, location, and a profile picture helps other GitHub users get to know you.

Edit profile

Overview Repositories 22 Stars 7 Followers 0 Following 0

Pinned repositories

Customize your pinned repositories

all-about-type

I can't contain my love for letters and type, so I made this repo to contain some of it for me

1

frontend-toolbox

Forked from kevmo/frontend-toolbox

Save your ass with these libraries and tools

comicsFrontend

a collection of front end tools, libraries, and references for digital cartoonists

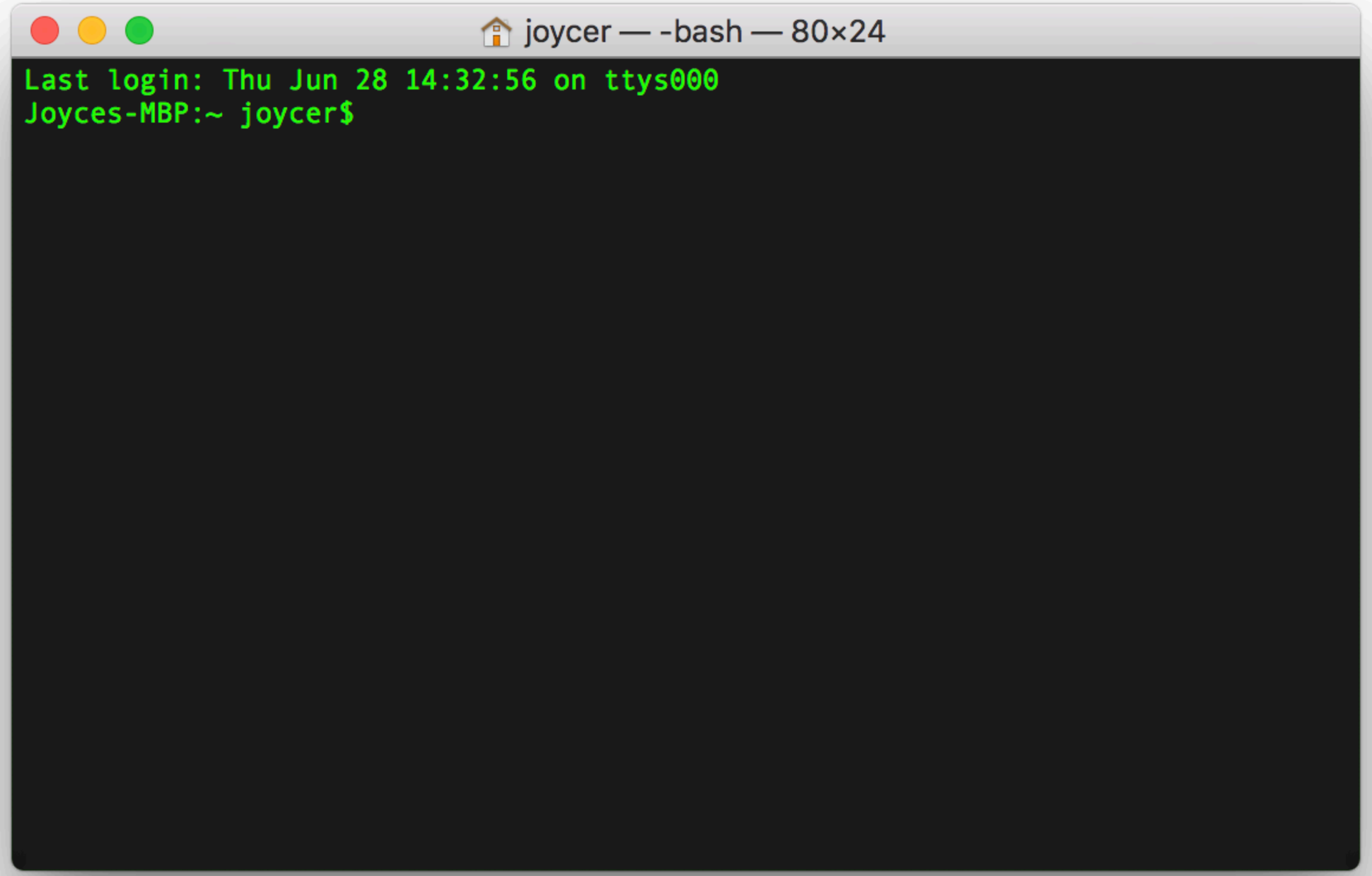
laisGeneration

generate your own comic Lai of Marie de France

JavaScript ★ 1

as of right now, GitHub is the **industry standard** for storing code

GitHub is a **very powerful** tool


joycer — -bash — 80×24
Last login: Thu Jun 28 14:32:56 on ttys000
Joyces-MBP:~ joycer$

Branch: master

Commits on Jun 28, 2018

fixes a bunch of mobile issues

teenyrobots committed 23 hours ago

1204aab

bucompletes comics

teenyrobots committed a day ago

0e90efa

Commits on Jun 27, 2018

fixed the gradient on the hero image but only on the comics pages

teenyrobots committed 2 days ago

5c6c1dc

building out comics pages

teenyrobots committed 2 days ago

0e233da

tidies up navigation, titles, footers, etc. finalized bio

teenyrobots committed 2 days ago

1d8cbce

89 styles.css View

```
@@ -33,8 +33,9 @@ a:hover {
 }

 header {
-    width: 100%;
+    width: 95%;
     display: flex;
+    margin: auto;
     flex-wrap: wrap;
     justify-content: center;
     margin-bottom: 1em;
@@ -74,6 +75,8 @@ header li {
     font-size: 1.15em;
     margin-bottom: .25em;
     padding-bottom: .41em;
+    margin-right: 0;
+    margin-left: 2em;
 }

 header a:hover {
@@ -94,8 +97,8 @@ hr {

 form {
     background-color: #E0E0E0;
```

Command line

cd

ls

git clone

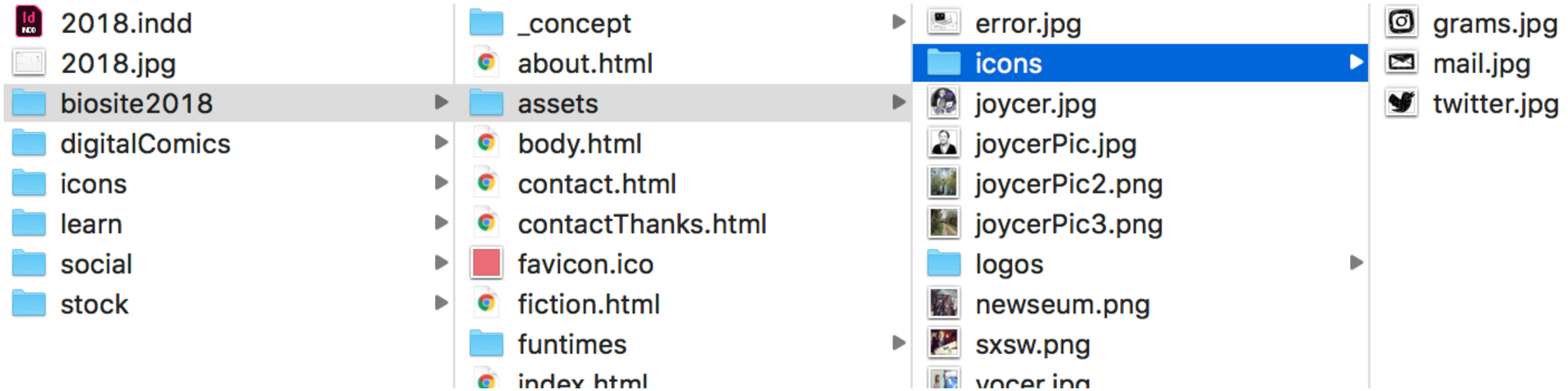
git add

git commit

git push

cd

changes the directory

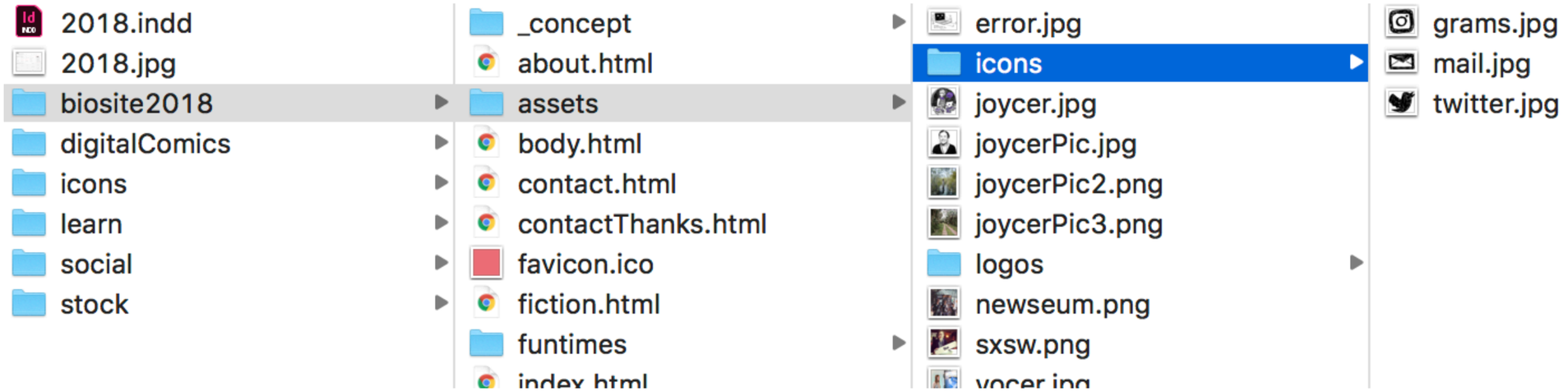


=

```
cd biosite2018/assets/icons/
```

ls

lists the files in the directory



=

```
Joyces-MBP:icons joycer$ ls
grams.jpg       mail.jpg        twitter.jpg
```

git clone

clones a repository from GitHub.com

git add

stages your files for commit

git commit

creates a new “version”

git commit

commit early, commit often

git commit

git commit -m “your message here”

Branch: master

Commits on Jun 28, 2018

fixes a bunch of mobile issues
[illegible] committed 23 hours ago
1204aab

bucompletes comics

teenyrobots committed a day ago
0e90efa

Commits on Jun 27, 2018

fixed the gradient on the hero image but only on the comics pages

teenyrobots committed 2 days ago
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building out comics pages

teenyrobots committed 2 days ago
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tidies up navigation, titles, footers, etc. finalized bio

teenyrobots committed 2 days ago
1d8cbce

git push

pushes your snapshot to GitHub.com

git push

in this class, we will only use one form of this:

git push

git push origin master

add

commit

push

don’t worry, this slideshow will be on our class repo :)

Q's?

let’s control some versions!