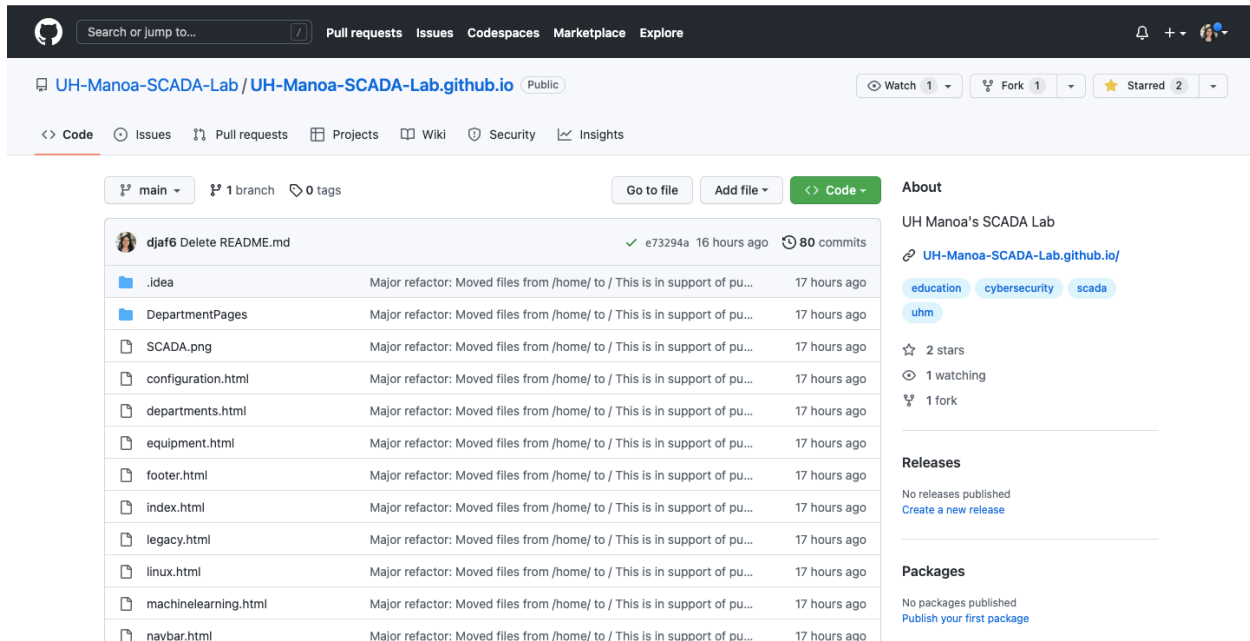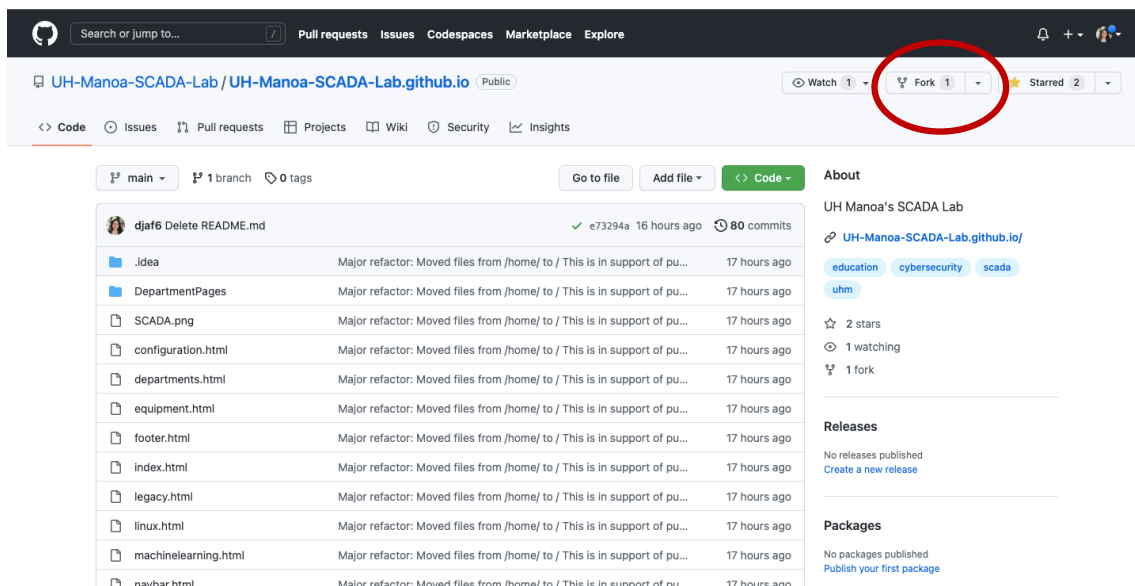# Developer Guide

The developer guide should guide a developer through the process of downloading, installing, running, and modifying the system.

Making changes to the SCADA Lab Repo:

1) Open the SCADA Lab Repo: https://github.com/UH-Manoa-SCADA-Lab/UHM_SCADA_Lab

2) Fork the repo (A fork is a copy of a repository. Forking a repository allows you to freely experiment with changes without affecting the original project.)

Search or jump to...   Pull requests   Issues   Codespaces   Marketplace   Explore

UHM-SCADA-Lab / **UHM-SCADA-Lab.github.io**   Public

Edit Pins ▾   Watch 1 ▾   Fork 0 ▾   Starred 3 ▾

<> Code   ⊙ Issues   ⣿ Pull requests   ⊞ Projects   ▭ Wiki   ⚙ Security   ⩜ Insights

Your existing forks   ✕

You don't have any forks of this repository.

\+ Create a new fork

main ▾   2 branches   0 tags   Go to file   Add file ▾   <>

marknelsonengineer Merge pull request #4 from UHM-SCADA-Lab/firstBranch ...   ✓ c421f87 3 hours ago   ⟳ 85 commits

.idea	Add usage.statistics.xml to .gitignore.	4 hours ago
DepartmentPages	Major refactor: Moved files from /home/ to / This is in support of pu...	2 days ago
SCADA.png	Major refactor: Moved files from /home/ to / This is in support of pu...	2 days ago
configuration.html	Major refactor: Moved files from /home/ to / This is in support of pu...	2 days ago
departments.html	Major refactor: Moved files from /home/ to / This is in support of pu...	2 days ago
equipment.html	Major refactor: Moved files from /home/ to / This is in support of pu...	2 days ago
footer.html	Major refactor: Moved files from /home/ to / This is in support of pu...	2 days ago
index.html	Small change to index 2. Testing change workflows.	3 hours ago
legacy.html	Major refactor: Moved files from /home/ to / This is in support of pu...	2 days ago
linux.html	Major refactor: Moved files from /home/ to / This is in support of pu...	2 days ago
machinelearning.html	Major refactor: Moved files from /home/ to / This is in support of pu...	2 days ago
navbar.html	Major refactor: Moved files from /home/ to / This is in support of pu...	2 days ago
network.html	Major refactor: Moved files from /home/ to / This is in support of pu...	2 days ago

UH Manoa's SCADA Lab

🔗 uhm-scada-lab.github.io

education   cybersecurity   scada
uhm

☆ 3 stars
👁 1 watching
⑂ 0 forks

Releases

No releases published
Create a new release

Packages

No packages published
Publish your first package

Contributors 3

https://github.com/UHM-SCADA-Lab/UHM-SCADA-Lab.github.io/fork

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Create a new fork

A *fork* is a copy of a repository. Forking a repository allows you to freely experiment with changes without
affecting the original project.

Owner *   Repository name *

🐱 djaf6 ▾   /   UHM-SCADA-Lab.github.io   ✓

By default, forks are named the same as their upstream repository. You can customize the name to
distinguish it further.
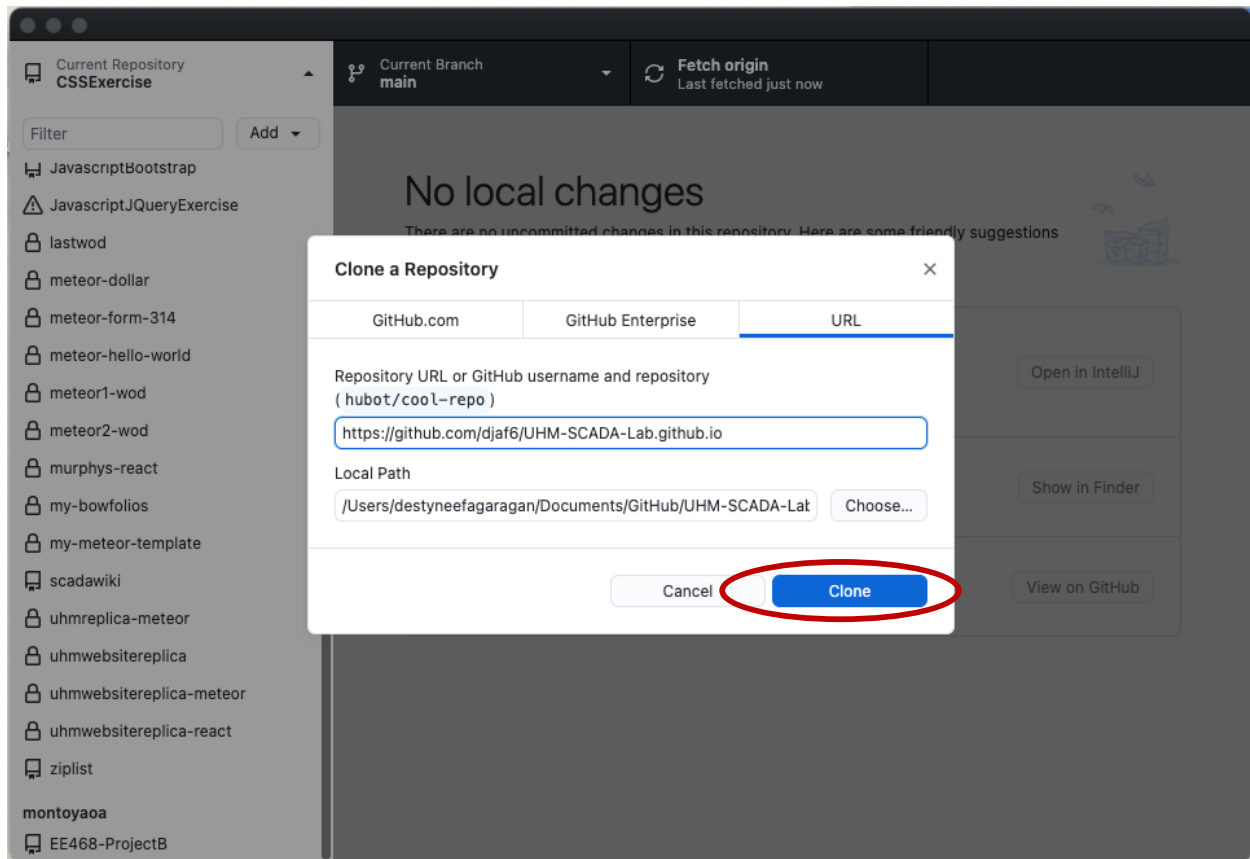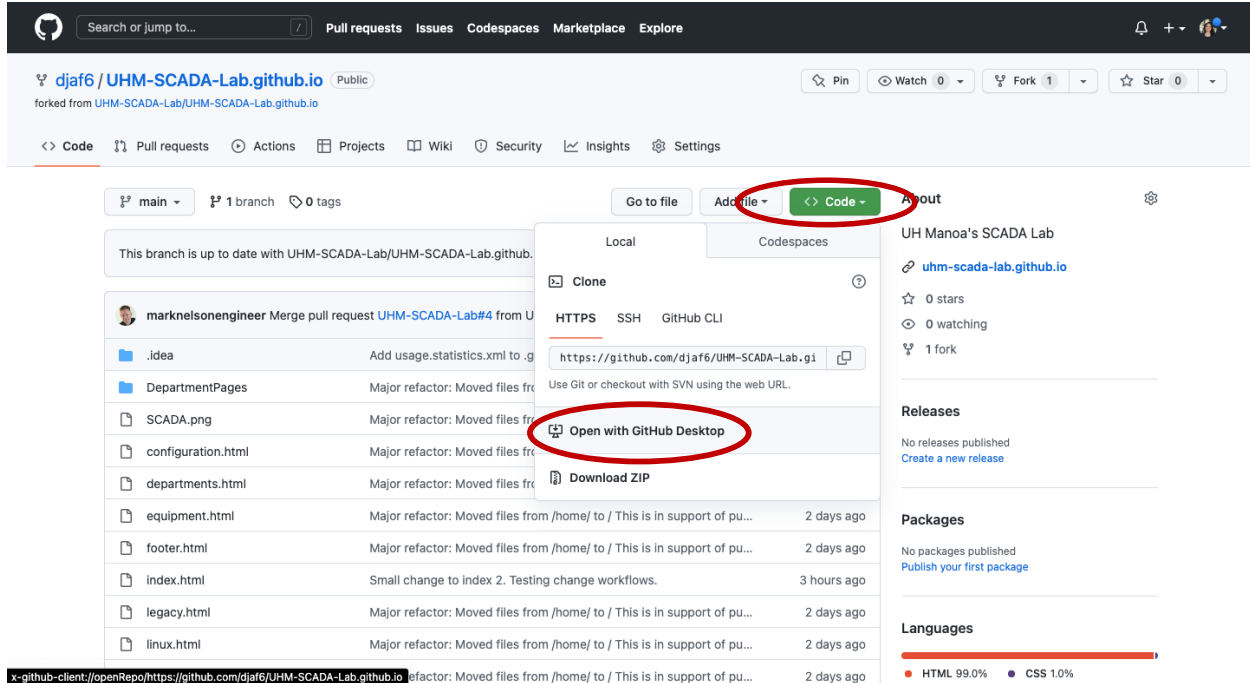
Description (optional)

UH Manoa's SCADA Lab

☑ Copy the `main` branch only
    Contribute back to UHM-SCADA-Lab/UHM-SCADA-Lab.github.io by adding your own branch. Learn more.

ⓘ You are creating a fork in your personal account.

Create fork

3) Open in Github Desktop

How are you planning to use this fork? ✕

You have changes on this branch. What would you like to do with them?

To contribute to the parent project
We will help you contribute to the **UHM-SCADA-Lab/UHM-SCADA-Lab.github.io** repository

For my own purposes
We will help you contribute to the **djaf6/UHM-SCADA-Lab.github.io** repository

- Pull requests targeting **UHM-SCADA-Lab/UHM-SCADA-Lab.github.io** will be shown in the pull request list.
- Issues will be created in **UHM-SCADA-Lab/UHM-SCADA-Lab.github.io**.
- "View on Github" will open **UHM-SCADA-Lab/UHM-SCADA-Lab.github.io** in the browser.
- New branches will be based on **UHM-SCADA-Lab/UHM-SCADA-Lab.github.io**'s default branch.
- Autocompletion of user and issues will be based on **UHM-SCADA-Lab/UHM-SCADA-Lab.github.io**.

Cancel   Continue

4) Open in Intellij IDEA

HTML Files for each page

Code

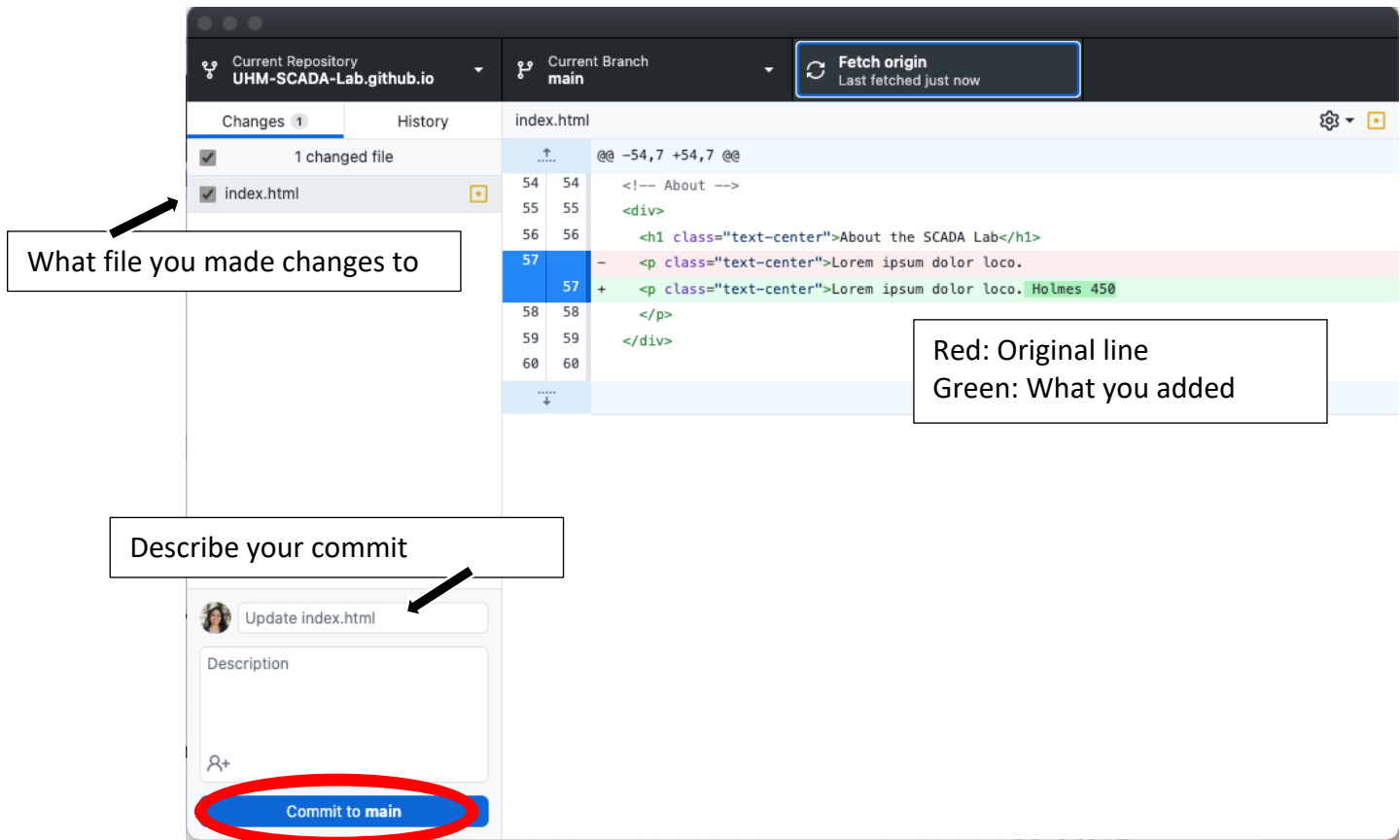Press the Chrome icon to see live website on local host with your changes
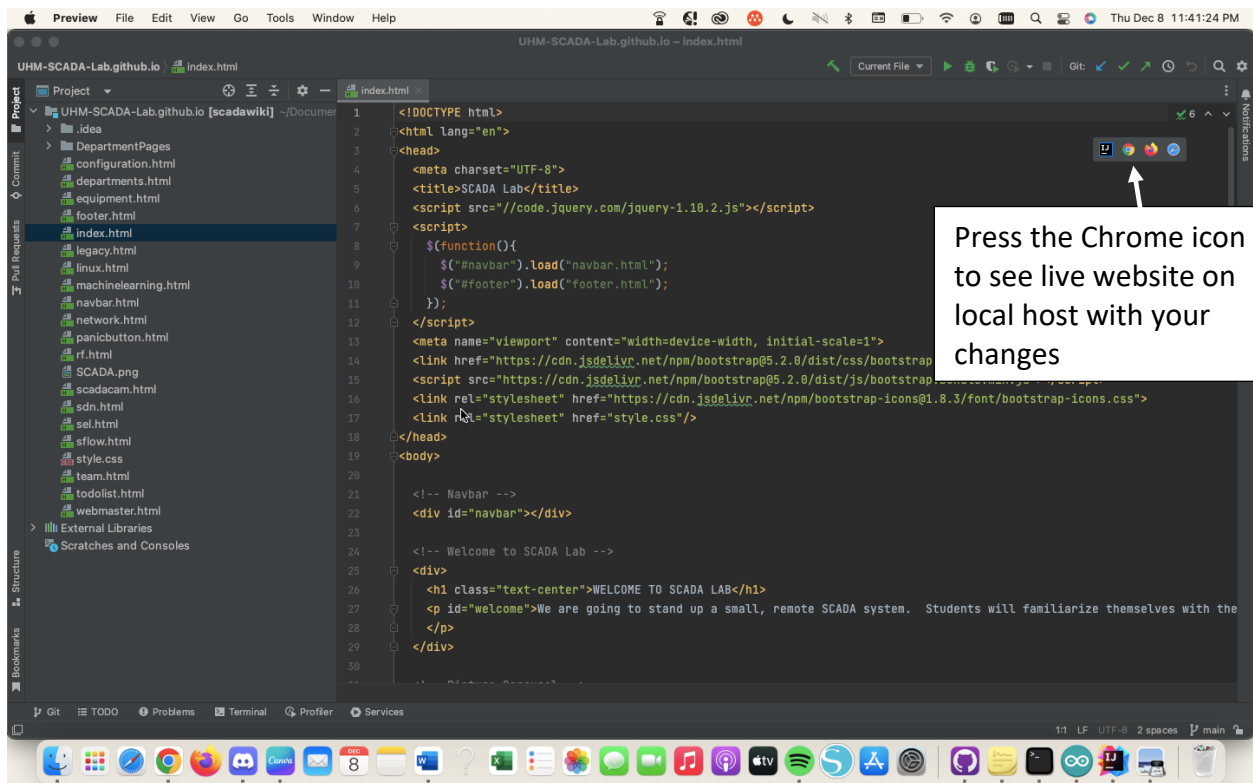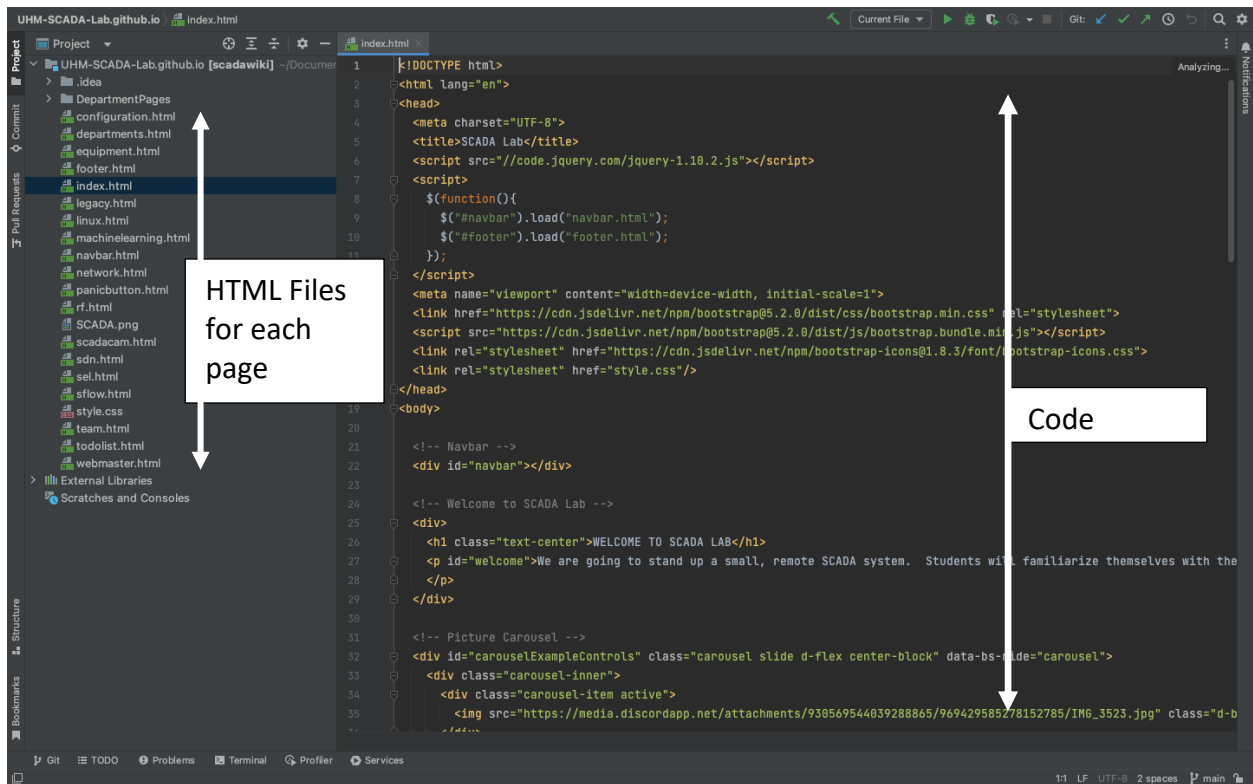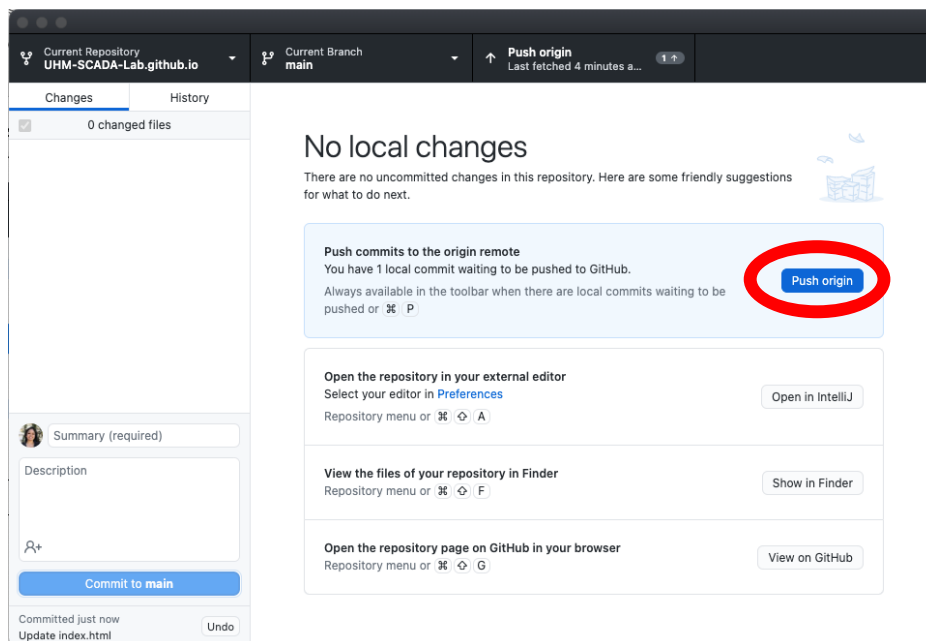
5) Make the changes you need and press command+s to save your work on Intellij IDEA
6) In Github Desktop, commit to main.

What file you made changes to

Red: Original line
Green: What you added

Describe your commit

7) Push to origin to push the changes you made to your cloned repository.

8) Create pull request

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Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also **compare across forks**.

⇅   base repository: UHM-SCADA-Lab/UHM-SCA... ⌄   base: main ⌄   ⟵   head repository: djaf6/UHM-SCADA-Lab.githu... ⌄   compare: main ⌄

✓ **Able to merge.** These branches can be automatically merged.

Discuss and review the changes in this comparison with others. **Learn about pull requests**   **Create pull request**

⊶ 1 commit   📄 1 file changed   👥 1 contributor

Commits on Dec 8, 2022

Update index.html
djaf6 committed 3 minutes ago   📋   39258f1   <>

📄 Showing **1 changed file** with **1 addition** and **1 deletion**.   Split Unified

⌄ ⊹ 2 ■■□□□ index.html 📋

@@ -54,7 +54,7 @@ <h1 class="text-center">WELCOME TO SCADA LAB</h1>
54   <!-- About -->   54   <!-- About -->
55   <div>   55   <div>

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Edit Pins ⌄   👁 Watch 1 ⌄   ⑂ Fork 1 ⌄   ⭐ Starred 3 ⌄

<> Code   ⊙ Issues   ⑂ Pull requests   ⊞ Projects   📖 Wiki   ⊙ Security   ⌁ Insights

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also **compare across forks**.

⇅   base repository: UHM-SCADA-Lab/UHM-SCA... ⌄   base: main ⌄   ⟵   head repository: djaf6/UHM-SCADA-Lab.githu... ⌄   compare: main ⌄

✓ **Able to merge.** These branches can be automatically merged.

Update index.html

Write   Preview   H B I ≔ <> 🔗 ≔ ≔ ☑ @ ⎘ ↩

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.   ⊞

☑ Allow edits by maintainers ⑦   **Create pull request** ⌄

ⓘ Remember, contributions to this repository should follow our **GitHub Community Guidelines**.

Reviewers   ⚙
Suggestions
👤 marknelsonengineer   Request

At least 1 approving review is required to merge this pull request.

Assignees   ⚙
No one—assign yourself

Labels   ⚙
None yet

Projects   ⚙
None yet

Milestone   ⚙

This is what your screen will look like when you first create a pull request as the webmaster will need to review your code and decide if it is good to push to the SCADA Lab repository.