

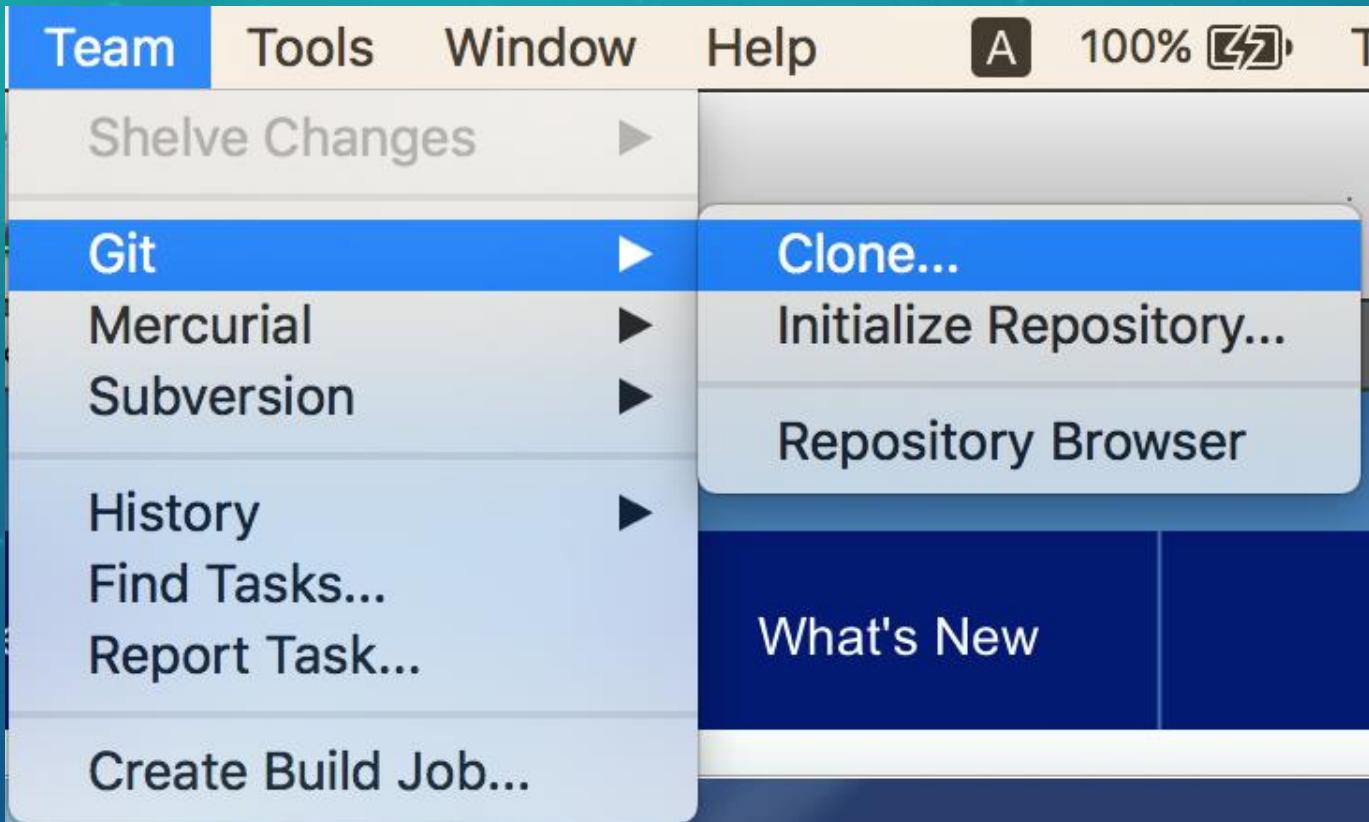
SESSION 11

WORKING WITH NETBEANS, GITHUB

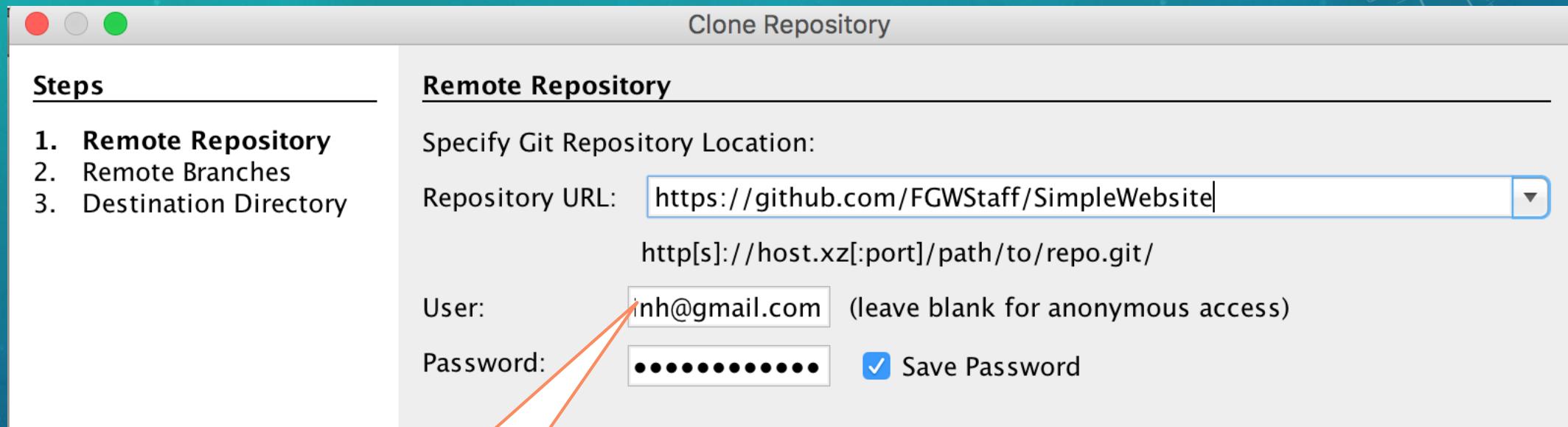
CLONE A PROJECT FROM GITHUB

- There is a repo from Git
 - <https://github.com/FGWStaff/SimpleWebsite>
- Now we are going to clone this repo to local and use it in Netbeans to develop the project
- Assume that you already have
 - A Github account
 - Installed a PHP Web Server
 - A Heroku account

STEP 1: SELECT GITHUB FEATURE FROM NETBEANS

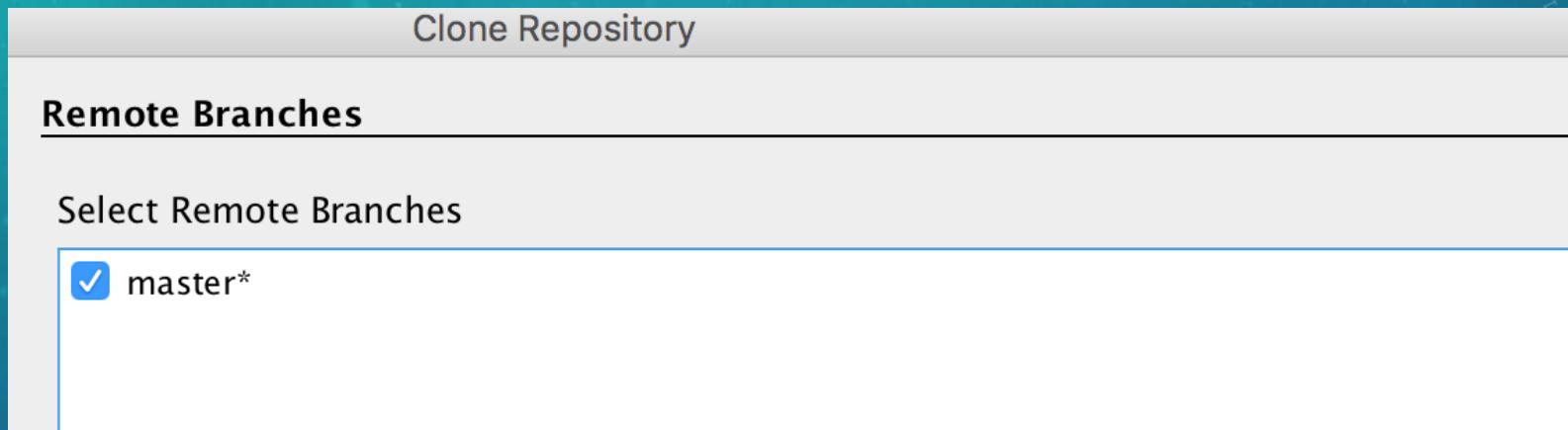


STEP 2: SPECIFY GITHUB ACCOUNT INFORMATION



Enter your Github account information

STEP 3: SELECT THE BRANCH



STEP 4: SPECIFY THE DESTINATION DIRECTORY

Clone Repository

Destination Directory

Specify the Parent Directory and Name for this Clone

Parent Directory:

Clone Name:

Checkout Branch:

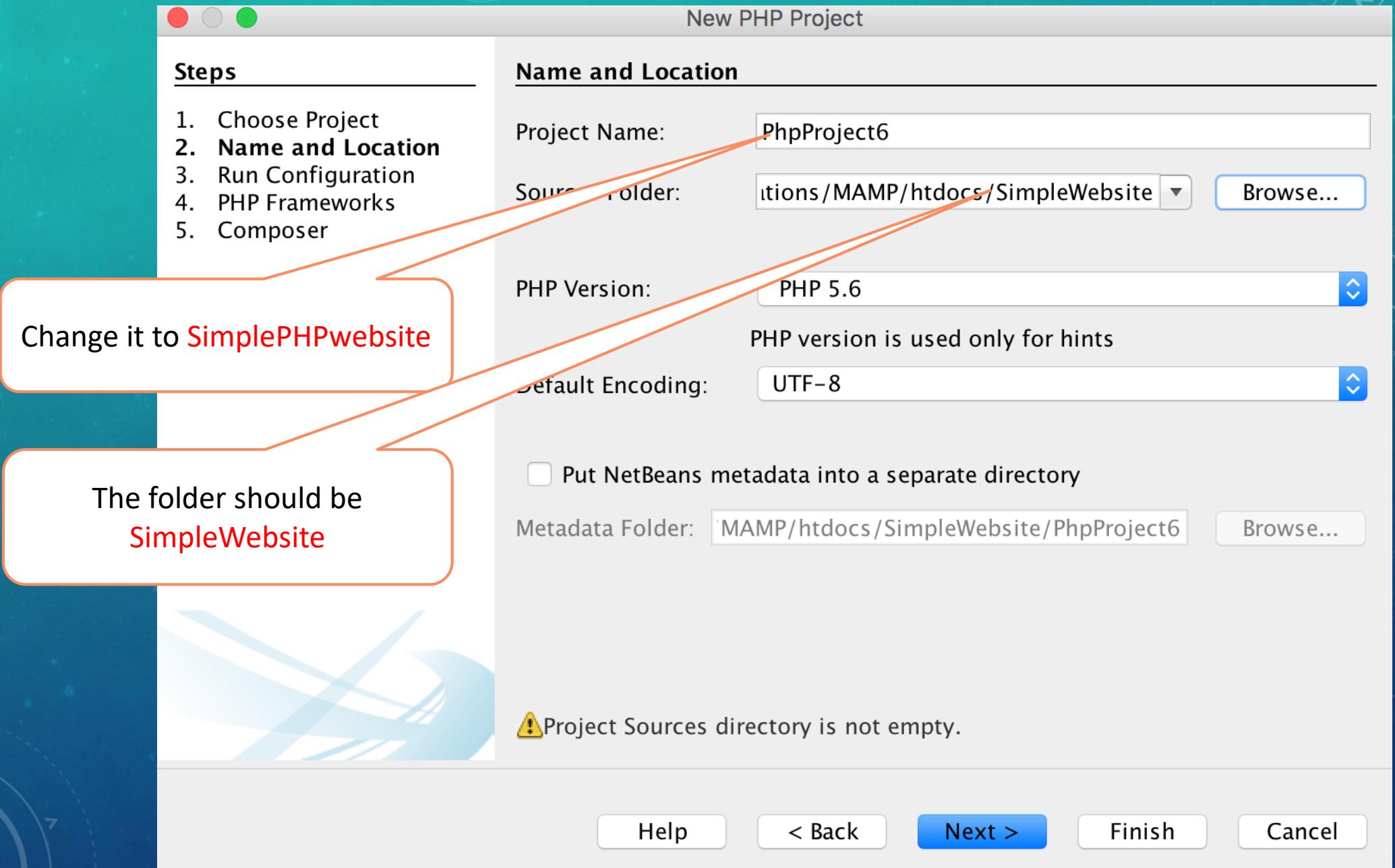
Remote Name:

Scan for NetBeans Projects after Clone

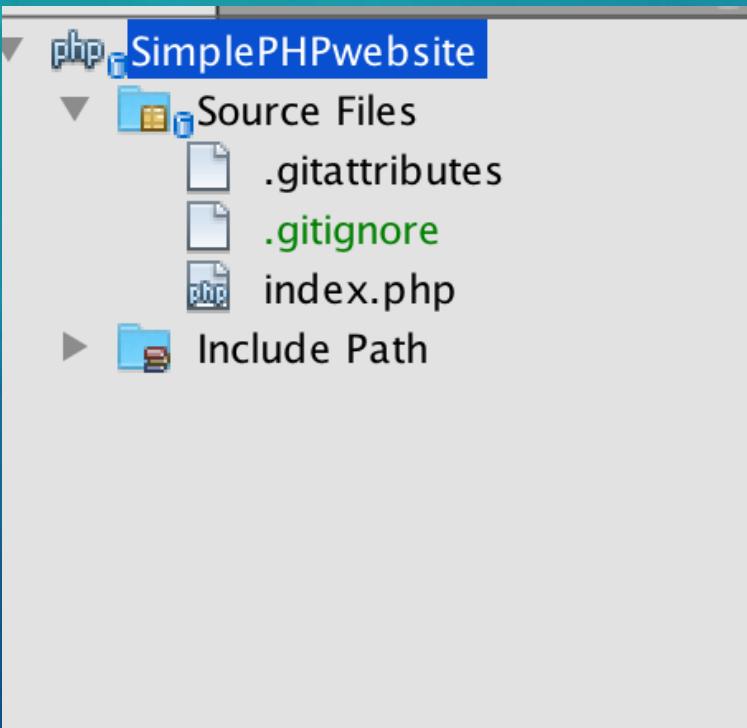
This is a PHP web application so point to the folder **htdocs** folder

STEP 5

- Netbeans will now ask you to create an application
- You select yes
- Then create a new PHP web application
- When it asks the destination folder: point to the folder we created in step 4(in htdocs folder). You can see example as the screenshot below

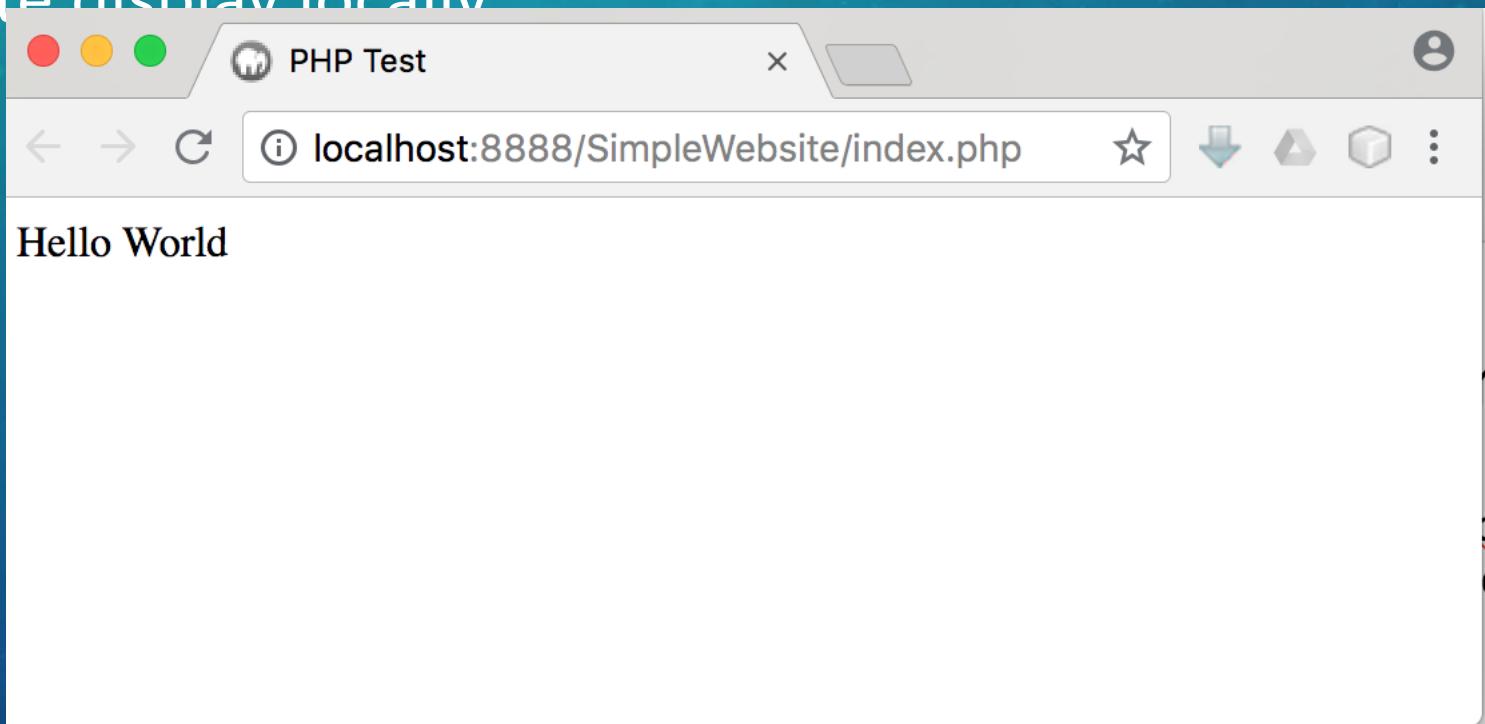


STEP 6: A NEW NETBEANS PROJECT CREATED



STEP 7: RUN THE PROJECT

- Now you select the file index.php and hit run(or Shift +F6) you can see the website display locally



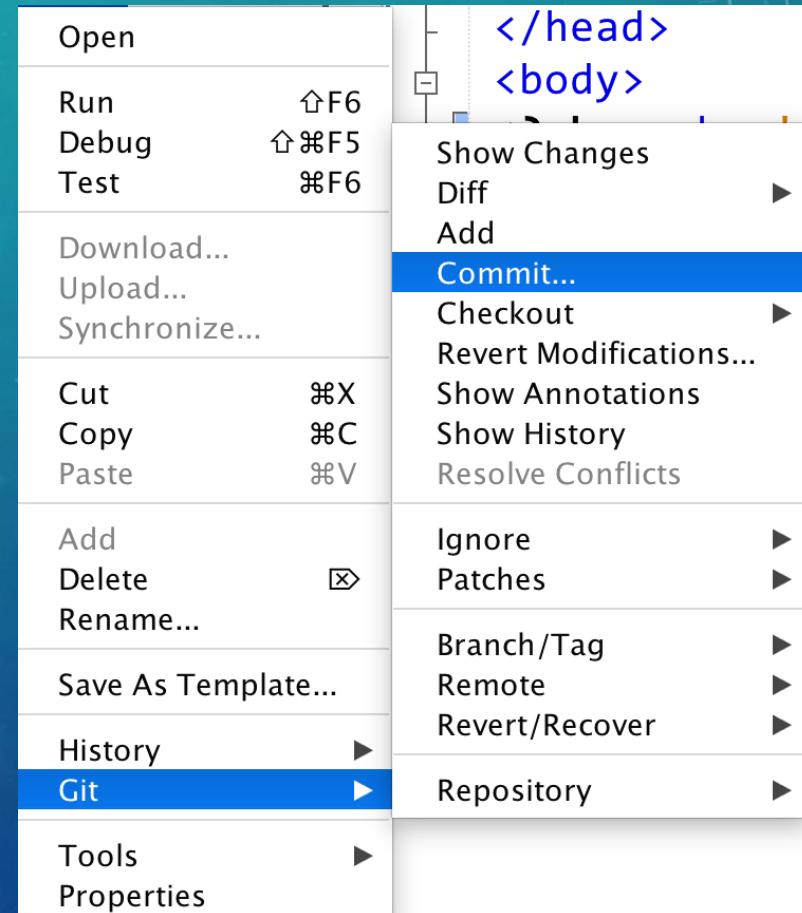
MAKE CHANGES TO LOCAL

- Now you can make changes to the file index.php like this:

```
<html>
  <head>
    <title>PHP Test</title>
  </head>
  <body>
    <?php echo '<p>Hello World from Netbeans</p>'; ?>
  </body>
</html>
```

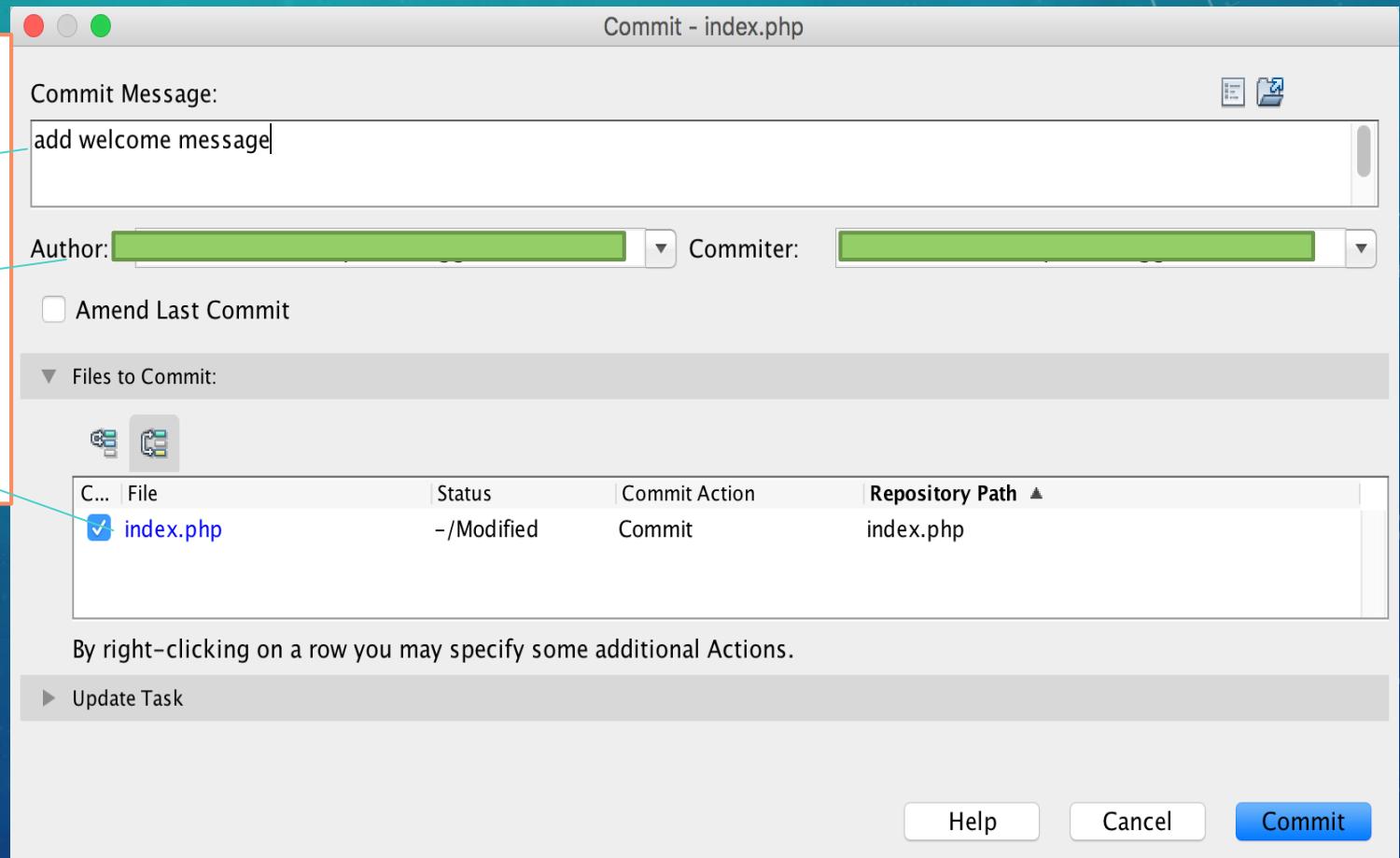
COMMIT CHANGES

Right click the project and select Git->Commit



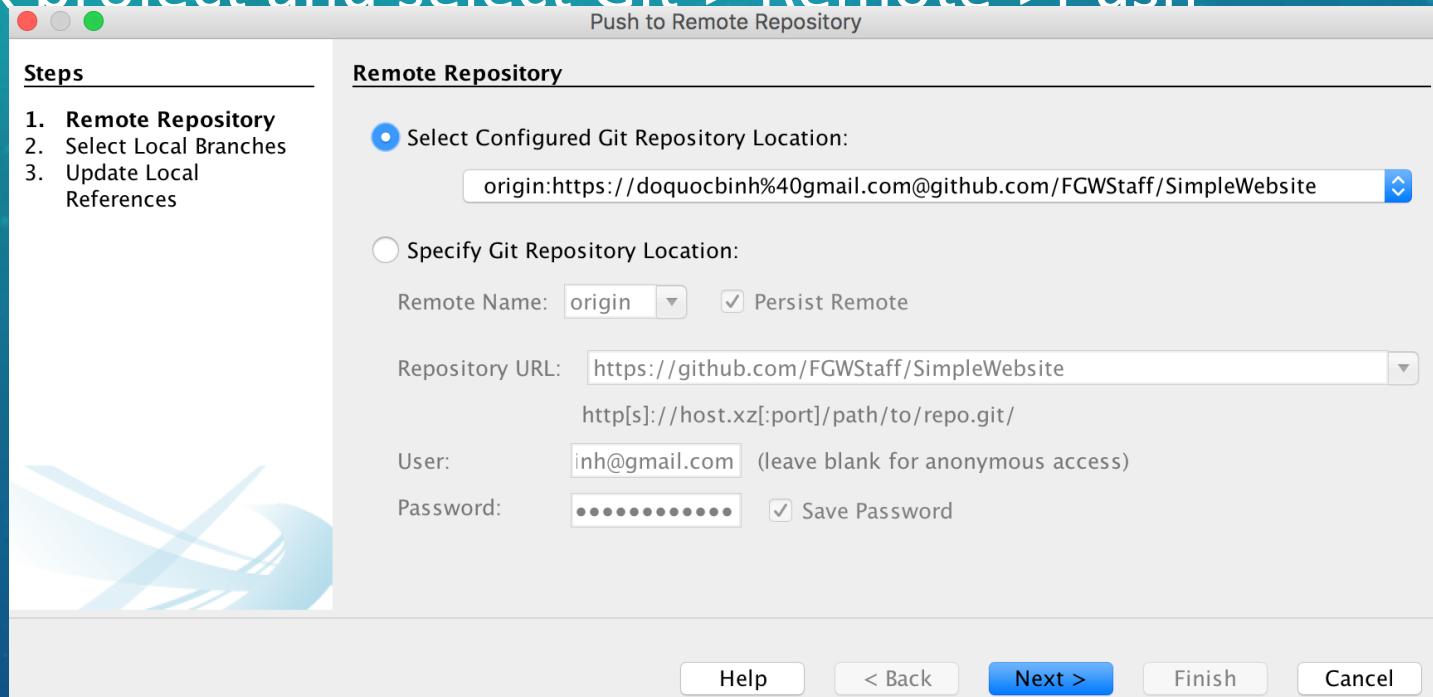
ENTER COMMIT MESSAGE

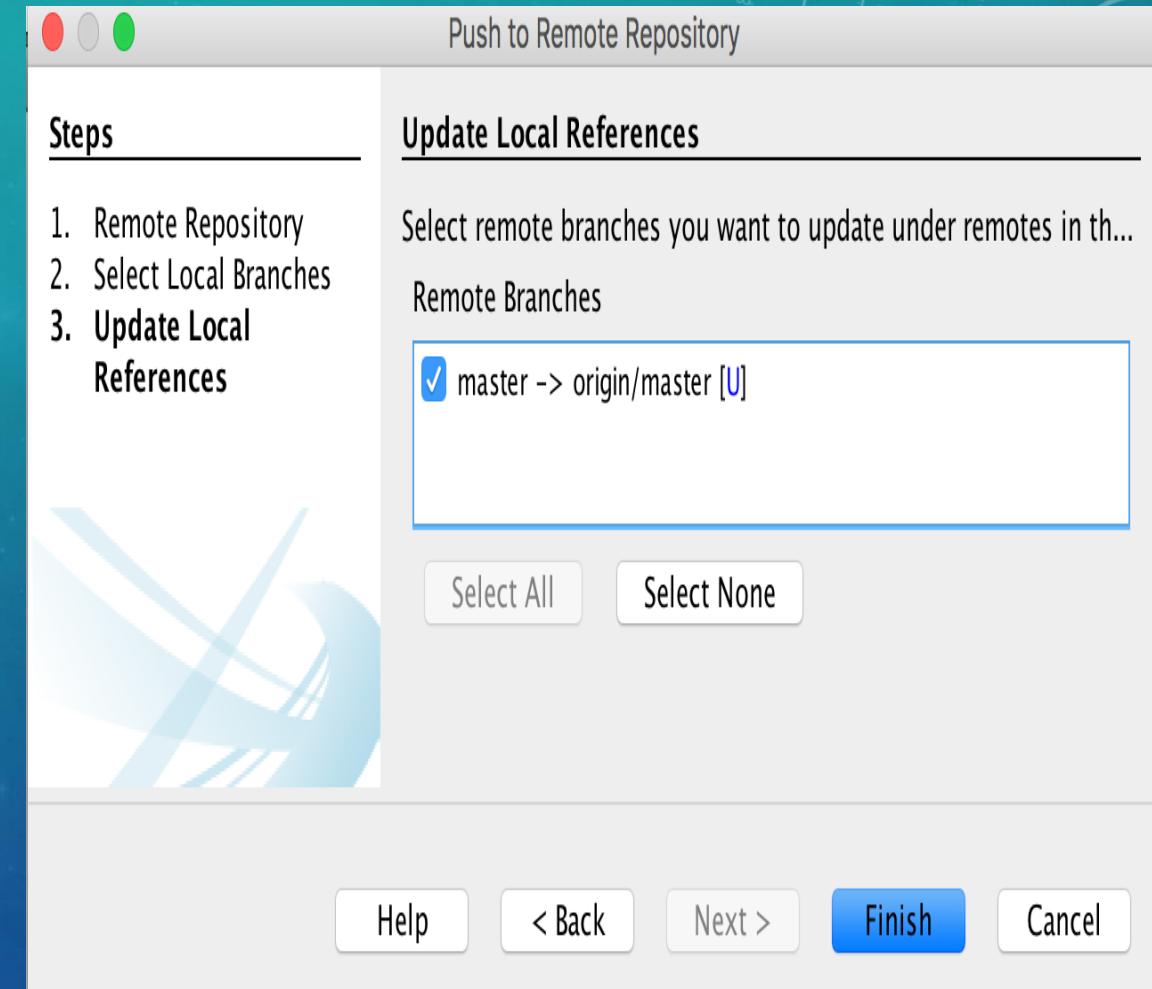
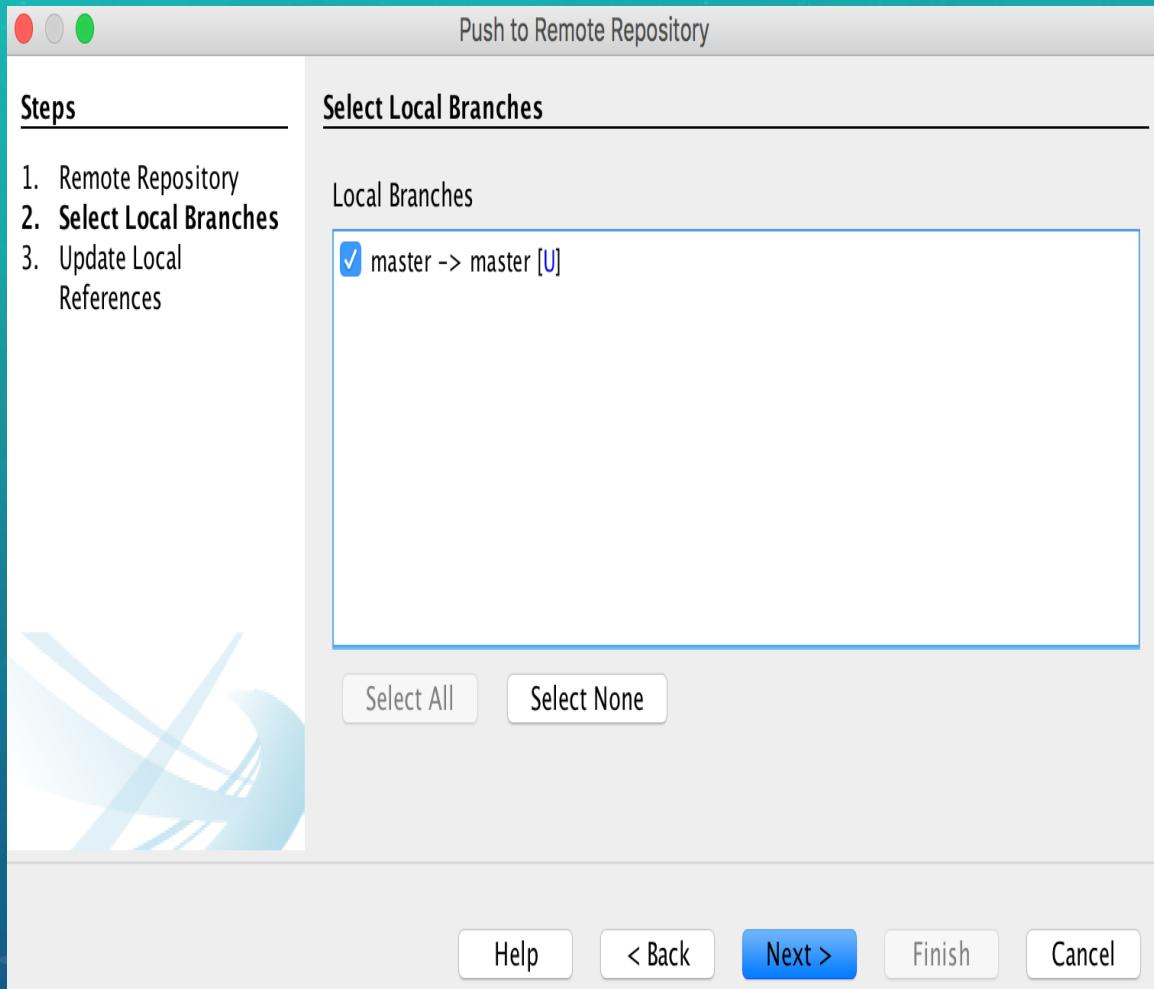
1. Enter the message which describes what you changed
2. Your Github account information
3. List of files changed



PUSH CHANGES TO REPO

➤ Right click project and select Git-> Remote->Push





VIEW SUBMIT CHANGES FROM REPO

Branch: master ▾ SimpleWebsite / index.php

 FGWStaff add welcome message

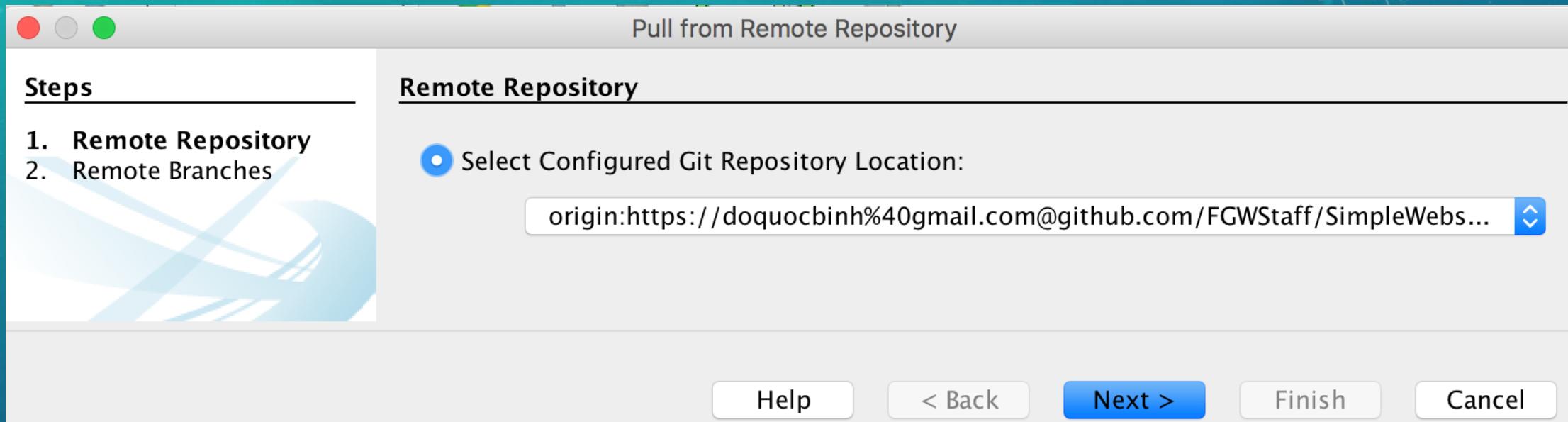
1 contributor

8 lines (8 sloc) | 126 Bytes

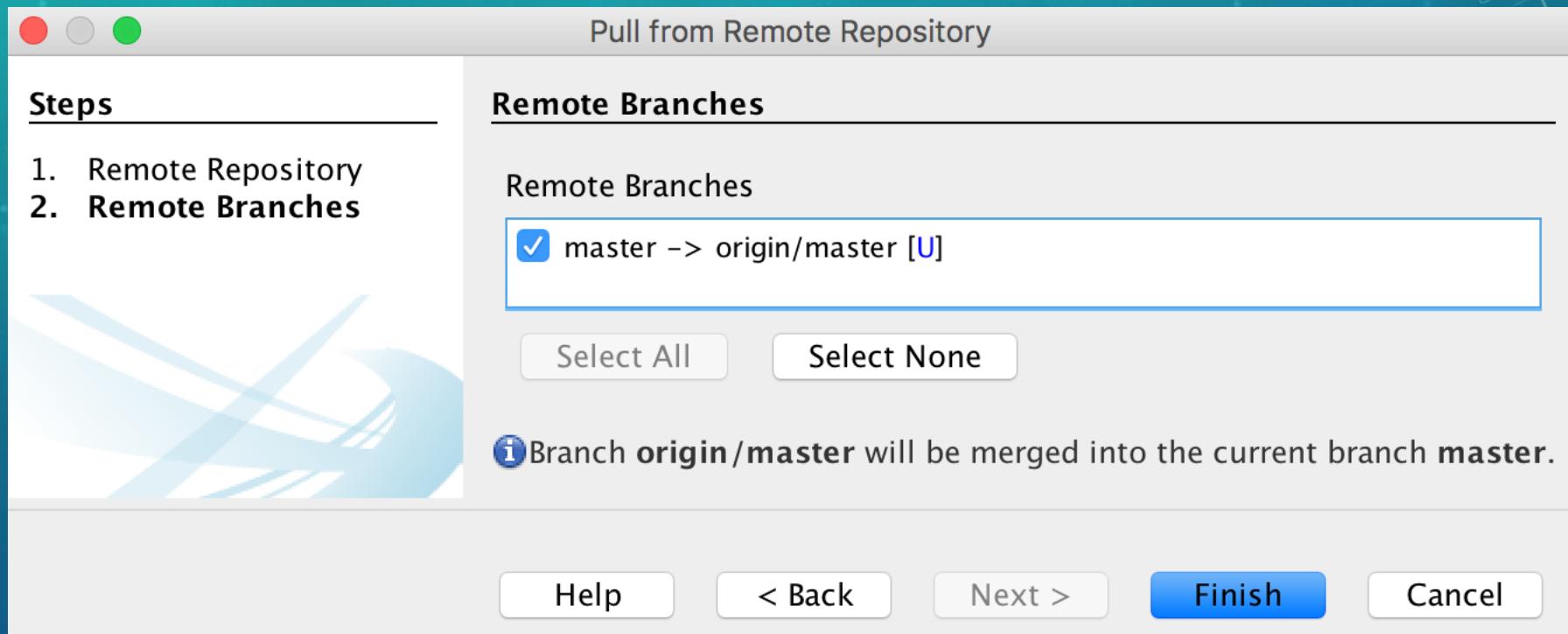
```
1 <html>
2 <head>
3   <title>PHP Test</title>
4 </head>
5 <body>
6 <?php echo '<p>Hello World from Netbeans</p>'; ?>
7 </body>
8 </html>
```

The message you entered will display here

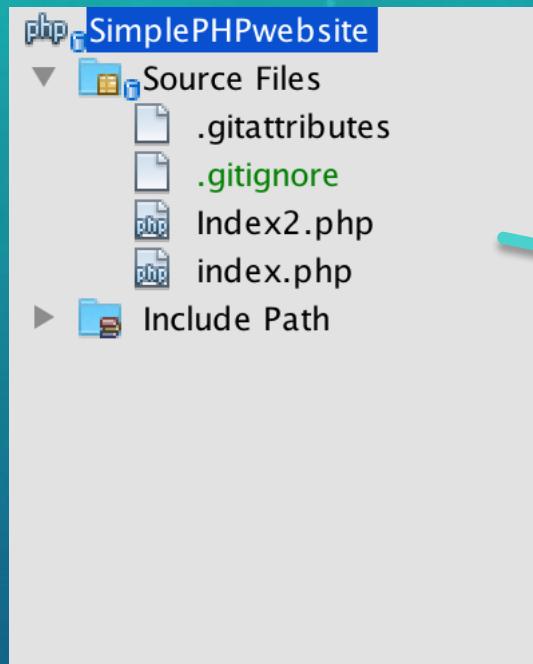
PULL CHANGES FROM REMOTE REPO TO LOCAL



PULL CHANGES FROM REMOTE REPO TO LOCAL(2)



A NEW FILE HAS BEEN ADDED TO THE LOCAL PROJECT



```
<html>
  <head>
    <title>PHP Test2</title>
  </head>
  <body>
    <?php echo '<p>Hello World from Netbeans2</p>'; ?>
  </body>
</html>
```

EXERCISE

1. Add a new file to NetBeans called `helloWorld.php`
2. Submit the file to the remote Repo so everyone can see
3. Add a new php project with NetBeans and share it on Github with your closed classmate
4. Ask you classmate to change the file
5. Get the changes from you friend to the local
6. Host your project on Heroku to run