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1. Introduction & Purpose

This documentation contains the procedure about changing the website and deploying it. By reading this procedure and understanding it, any IT professional would be able to make changes and deploy them.

3. Install Git

To download git, visit <https://git-scm.com/downloads>

4. Login to the Monash GitLab server

Our GitLab server can be accessed via <https://git.infotech.monash.edu> and login via "Single Sign On" which will use your Monash account.

5. Fork the original repository

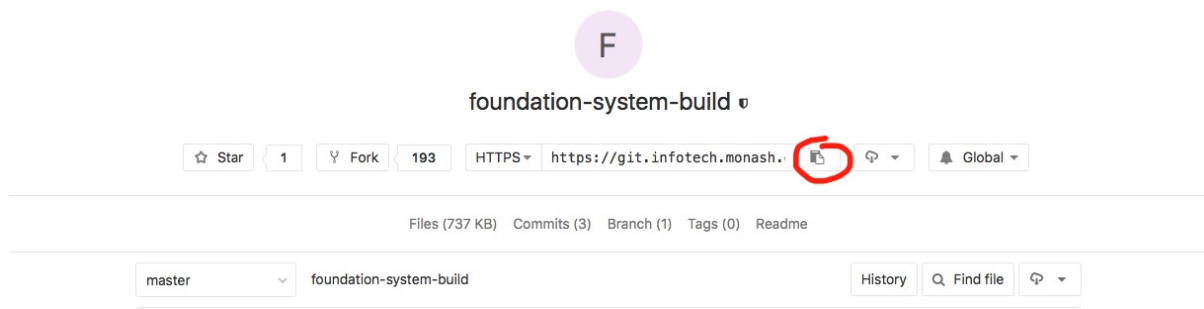
Step 1: Once you are logged in to the Monash GitLab server, visit [UGIE/UGIE-2018/foundation-system-build](https://git.infotech.monash.edu/UGIE/UGIE-2018/foundation-system-build)



Then, click fork button.

6. Clone your repository

Clone a repository with `git clone <url>`.



then, for example, if you want to clone the git linkable library called libgit2, you can do so like this:

```
$ git clone https://github.com/libgit2/libgit2
```

If you want to clone the repository into a directory named something other than `libgit2`, you can specify the new directory name as an additional argument:

```
$ git clone https://github.com/libgit2/libgit2 mylibgit
```

7. Update website dependencies using composer

Step 1: open the target directory. Like this: `cd /Users/xxxxxx/mylibgit`

Step 2: run “composer install”

8. Run website locally

run the following command: `bin/cake server`

```
mygit1 — php • php ~/mygit1/bin/cake.php server — 80×24
Last login: Tue Jul 31 14:50:23 on ttys000
[zilindeMacBook-Air:~ zilinjiang$ cd /Users/zilinjiang/mygit1
[zilindeMacBook-Air:mygit1 zilinjiang$ bin/cake server

Welcome to CakePHP v3.5.12 Console
-----
App : src
Path: /Users/zilinjiang/mygit1/src/
DocumentRoot: /Users/zilinjiang/mygit1/webroot
Ini Path:
-----
built-in server is running in http://localhost:8765/
You can exit with `CTRL-C`
```

<http://localhost:8765/>

10. Commit and push

Step 1: Inspecting a repository, use command “git status”

Step 2: Add changes in the working directory to the staging area, use command “git add <file>”

Step 3: “git commit” command captures a snapshot of the project’s currently staged changes.

Step 4: “git push origin master”

11. Deploy to IE server

Step 1: you must be on the Monash network.

Step 2: For macOS, Microsoft provides a remote desktop app in the App Store.



Microsoft Remote Desktop 8.0 4+

Work remotely

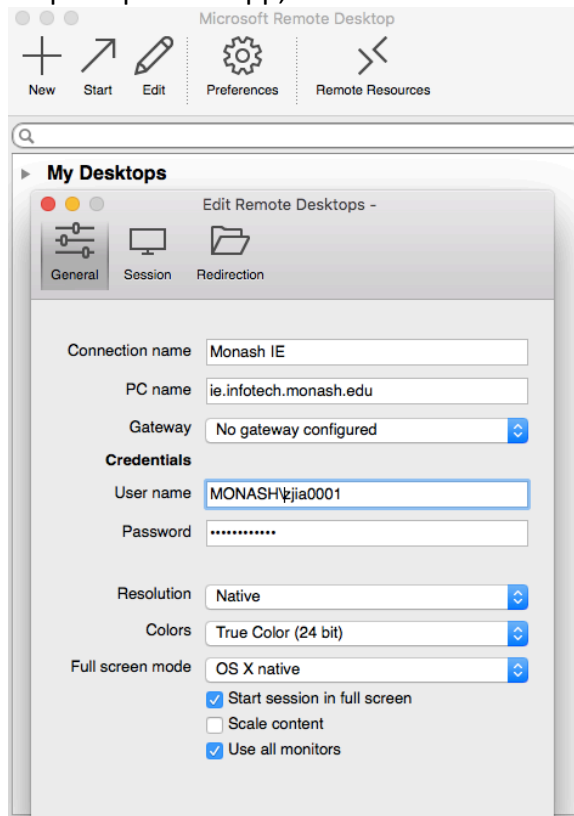
Microsoft Corporation

★★★★☆ 3.0, 149 Ratings

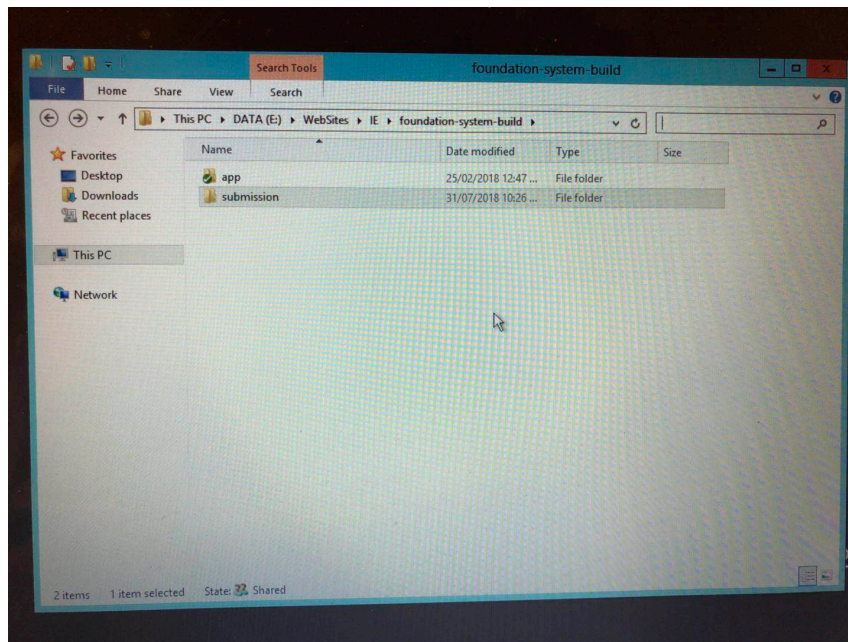
Free

[View in Mac App Store ↗](#)

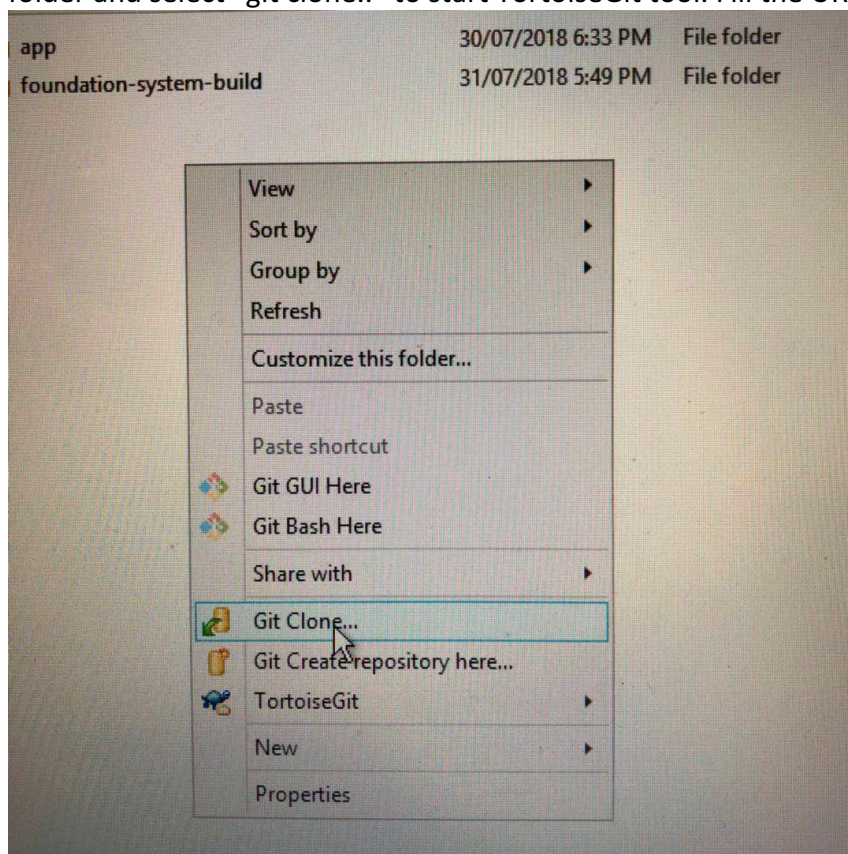
Step 3: open the app, connect to the remote desktop.

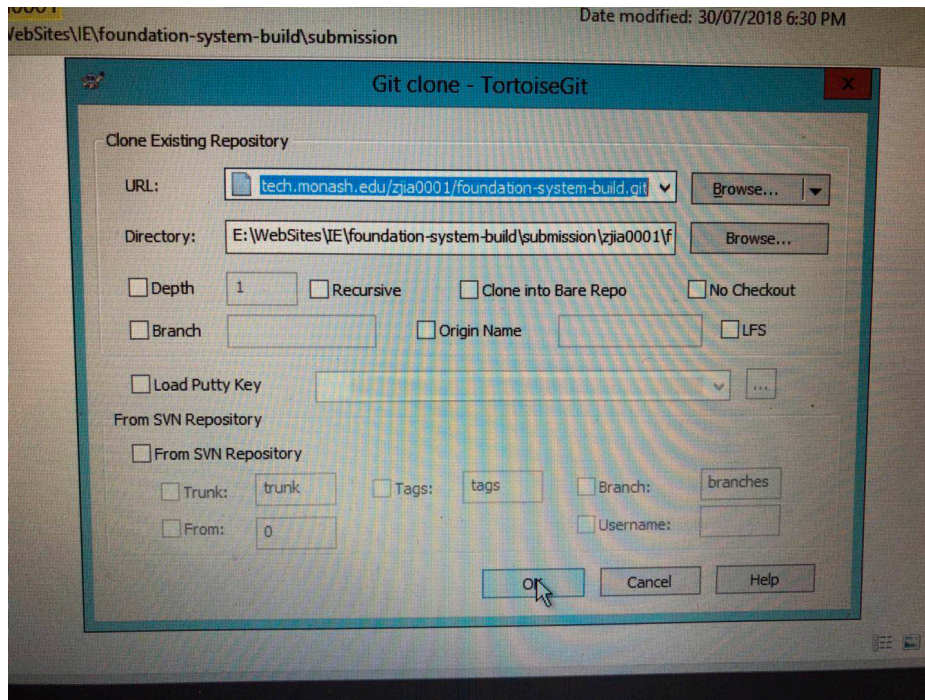


Step4: Find a directory called **submission**, which contains one directory for each student. You should have access to add files and directories to the directory with your authcate name.



Step 5: by opening your destination folder on the IE server, you can then right click in the folder and select "git clone.." to start TortoiseGit tool. Fill the URL with the url of your git.





After cloning or updating your repository on the IE server, you'll probably need to run the "composer install" command from the command prompt, from within the repositories directory.

