

Task 1 - Lab: BitBucket Setup

Summary:

Setup a private BitBucket git repository for your unit work and add the default tutor account so that staff can access your work and give you feedback. Follow the requirements set for your account name, your repository name and visibility, so we can find your work.

What you need to do:

1. **Update** Doubtfire status for this task to “Working On It”.
2. **Create an account on the BitBucket** website (<https://bitbucket.org/>). Use your real name, and your Swinburne student email address to create the account. If you already have an account, but it is not your real name and Swinburne student email, please do not use it.
3. **Download and Extract Task Folder zip File.** We have provided a zip file on the unit website that contains a README.md file and a folder structure that matches the set tasks for this unit. Download and extract this on your local machine so that you are familiar with it before the next step. Notice how we have named the top-level folder, and the task folders.
4. **Create Repository:** Using the bitbucket website UI, create a new **private** repository, setting appropriate details for use with this unit.
 - a. Repository name: COS30031 - <your student id>
 - b. README.md file at the top level
 - c. Add the staff bitbucket account email address (gp.swin.repos@gmail.com) with Read-only access.

NOTE: There is no need to create projects, team, groups etc. in bitbucket. Keep things simple at this point, particularly if you have not had much experience with repositories and version control work flows.

5. **Add Task Folders, Update README.md.** Add new files, make changes (to the readme etc) and make an initial commit to the repository, with an appropriate message. You may need to learn some markdown if that is a new thing for you.
6. **Simple report to Doubtfire.** Create a simple text file report that reads like release notes, that states what you have done for this lab. Include your name, student id, the unit code, the task number and the date. Make a note of any issues that you had but figured out.

Note: We recommend that this is stored in the appropriate folder in your repository, and version controlled. When it is ready, upload it to Doubtfire. (So yes, we have access to it in two places.)

7. **Update Doubtfire status, show your tutor:** When your bitbucket repository is ready, and your simple text file “release notes” style report has been uploaded to Doubtfire. indicate that you are ready to show your tutor in Doubtfire.

Outcomes: (~Repeated from the details above)

- You have a repository ready to show your tutor and it is set up correctly,
- You have used markdown to update the repository readme file,
- You have told staff that it is ready to see by uploading your “release notes” (lab report) to Doubtfire, and
- You have updated the task status in Doubtfire to match.

Recommendations:

- Don’t get stuck on this as a task. It shouldn’t take long, but if it is new to you, it is definitely worth taking some time and getting it sorted. Ask your tutor or other students for guidance if you’re struggling.
- If you don’t want to use the command line for repository work, have a look at SourceTree.