

CS290-01: How to Submit Assignments

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1 Intro

In this course, we will be using Bitbucket to submit assignments.

2 Create Bitbucket Account

Bitbucket is a web-based hosting service for projects that use Git revision control system. You can create your account at: <https://bitbucket.org>

3 Create Respository

- After creating your account, inside “Create” tab, click “Create repository” button.
- Name the repository in the format of: `cs290-01_<YOUR_NETID>`
For example, `cs290-01_jk323`
- Make sure that the repository is private.

4 Install Git

In order to use Bitbucket, Git needs to be installed in your local machine. Here is a link that you could follow to install Git:

<https://git-scm.com/book/en/v2/Getting-Started-Installing-Git>

5 Push Assignments to Remote Repository

If both Bitbucket and Git are setup, let's upload the assignment to Bitbucket repository using Git. But before we learn how to do that, I want to talk about the directory structure of your assignments.

```
<ANY_NAME_YOU_WANT>/
  hw1/
    build.sbt
    src/
      main/
        scala/
          WhiteHouse.scala
          Wikipedia.scala
  hw2/
  ...
```

You can name anything for the directory that will contain all the assignments for this course. But I would like each assignment directory to be in the format as above. **Please make sure you DO NOT upload any input files, project directory, or target directory.**

Once that is in place, let's upload the assignments to Bitbucket repository.

- Inside <ANY NAME YOU WANT>/ directory, initialize Git:
`$ git init`
- Add the address of your remote repository:
`$ git remote add origin git@bitbucket.org:<YOUR_BITBUCKETID>/cs290-01_<YOUR_NETID>`
- To display the list of files that are changed in your local repository:
`$ git status`
- Add files that you would like to commit:
`$ git add <FILE>`
- Commit your changes into the local repository:
`$ git commit -m "<COMMENTS>"`
- Push the updates to your remote repository:
`$ git push origin master`

6 Send Invitation to TA

Since you have created a private repository on Bitbucket, in order for TA to download your repository, you need to invite TA into the project. To do that, click "Send invitation" button on the leftside of your Bitbucket repository. Then, add jungkang, which is the TA's Bitbucket ID. Lastly, click share button to send the invitation to TA.

7 References

[1] <https://en.wikipedia.org/wiki/Bitbucket>