# Setting up GitLab to work with Eclipse

**Comment**: instructions for installing and setting up vary slightly from teaching the class different OS’, Windows versions with configurations, browsers, and install of Eclipse with configurations. So, keep an open mind and work through the variations.

**Goals**: set up an environment for java application builds which would be version controlled and produce web-based applications on AWS Amplify as a host. This section works through the setup of GitLab with Eclipse.

### Prerequisites

Ensure you have downloaded and installed [Eclipse](https://www.eclipse.org/downloads/) and [Git](https://git-scm.com/downloads/win).

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Create a GitLab account.

Please refer to Charles Crossan’s [Git-Basics](https://github.com/crossan007/Git-Basics) for additional information.

We used [**How-to-Eclipse-with-Github**](https://github.com/maxkratz/How-to-Eclipse-with-Github) from Max Kratz as a guide.

Select a Maven Project

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### General development and updates to Git from Eclipse

Update the Index.html page, this can be any update in the project. Once you save your work, it shows a list of items which are “Unstaged Changes”. Stage and commit frequently. Press the ++ button and current changes will be in the “Staged Changes” dialog box. Add a “Commit Message”, brief message about this commit, it could be as simple, as saving to test, going to lunch, EOD or as meaningful as “create new java interfaces for the person class, employee class and employee.js which are part of the employee feature for the 3.0.0.1 release. This is up to you. The more you think about those reading it later in life the more you show you care about others.

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Ready to Commit and Push, press “Commit and Push”

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### Validate the Change

Go to GitLab.com and see your commits

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