Lecturer’s Guide to GitLab

Welcome to GitLab, an open source code repository that provides an alternative to GitHub.

# Accessing GitLab

GitLab can be accessed at **https://gitlab.op-bit.nz/** Login with your OP username and password (GitLab uses OP’s single sign-on).

# Requirements

Repositories will be created automatically by scripts. In order for this to work the following must be supplied:

* Class lists for each paper for which you want to use GitLab. In EBS it is called ‘Class List with Email Addresses’. The fields we require are PERSON\_CODE,FORENAME,SURNAME,email11, should you wish to edit the list. This must be in CSV format.
* Any special repositories you want created (e.g. group repositories for projects, assignment repositories, etc)

The script can be run as many times as necessary, so, for example, if there are latecomers to a class, the script can be run again to create a repository for them.

It is also possible for the script to create a repository called Course Materials. If you would like this, please talk to one of the BIT Platform team.

# Structure of Repositories

The repositories will be structured in the following way:

**BIT -> Year -> Paper code -> Student username**

For example:

**BIT -> 2017 -> IN710 -> smithj1**

# Ownership and Permissions

The lecturer has full right over the students’ repositories for that particular paper. Students are able to clone their repository, push to and pull from it but cannot do anything else (they cannot change any of the settings). Lecturers are also able to create repositories in the paper’s directory. For information on creating repositories, see the GitLab How-To Guide.

# Troubleshooting

If you have any problems with GitLab, please contact the BIT Platform team through our ticketing system email, which is [bitplatformsupport@op.ac.nz](mailto:bitplatformsupport@op.ac.nz)