**Epitech Documentation**

**How to turn in using B**Manage Git repositories **LIH**



1.0

# \_\_\_\_\_\_PREREQUISITES \_\_\_\_\_

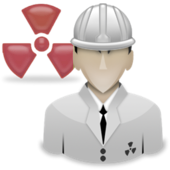


If you are using the dump provided by the school, these prerequisites are already in-

stalled on your computer.

To create GIT repositories on our server and use them you need to install a few things:

* python 3.3, Git and OpenSSL (preferably install them using your distribution repositories)
* [BLIH](https://github.com/bocal/blih) - Bocal Lightweight Interface for Humans



This document is mainly written for Linux users.

If you’re using a different operating system

# \_\_\_\_\_\_GENERATING A PAIR OF SSH KEYS \_\_\_\_\_

In order to authenticate yourself on our server, we will use a pair of ssh key.

You need to generate a pair of **sshkeys** and upload your *public key* to our servers using the following command:

|  |
| --- |
| ∇ Terminal - + x |
| ∼/ > blih -u *firstname.lastname@epitech.eu* sshkey upload /path/to/your/public/key |

Of course, replace *firstname.lastname@epitech.eu* by your own email address.



By default the generated ssh key should be located at

*~/.ssh/id\_rsa.pub*

.

1

# \_\_\_\_\_\_SETUP YOUR DIRECTORY \_\_\_\_\_

To create a repository you have to use BLIH.

For instance, to create a repository called **my\_repo**, use the following command:

|  |  |  |
| --- | --- | --- |
| ∇ Terminal | - + | x |
| ∼/ > blih -u *firstname.lastname@epitech.eu* repository create my\_repo |  |  |

Then you may want to add permissions on your repository to someone else.



For projects in the Epitech’s curriculum you often have to add the permission to read to

a user called

**ramassage-tek**

in order for us to be able to retrieve your project.

So, to add the *read* permission to *ramassage-tek* on your *my\_repo* repository, you have to execute this command:

|  |  |  |
| --- | --- | --- |
| ∇ Terminal | - + | x |
| ∼/ > blih -u *firstname.lastname@epitech.eu* repository setacl my\_repo ramassage-tek r |  |  |

# \_\_\_\_\_\_USE YOUR REPOSITORY \_\_\_\_\_

Once your repository is created using blih, you can use it locally with classic Git commands. For instance, to clone the repository and thus having a local instance of it to work in:

|  |  |  |
| --- | --- | --- |
| ∇ Terminal | - + | x |
| ∼/ > git clone git@git.epitech.eu:/*firstname.lastname@epitech.eu*/*my\_repo* |  |  |



For informations on Git and how to use it

2 test