

SSH/Git FAQ

Can I work with git without zsh?

You can, but if you ask us anything the first advice will be to install zsh.

Where do I get the zsh together with an appropriate configuration?

Enter:

```
1 | sudo apt-get install zsh && ?  
2 | wget -O ~/.zshrc http://git.grml.org/f/grml-etc-core/etc/zsh/zshrc &&  
3 | chsh -s /usr/bin/zsh
```

Depending on the terminal application you use you might have to go to *Profile Preferences* and check the field *run a custom command instead of my shell* and the custom command is: `/usr/bin/zsh`.

How to tag?

To submit an assignment (for example A2), use the following commands:

```
1 | git push ?  
2 | #git tag <name of the tag>  
3 | git tag A2  
4 | git push --tags
```

Then check whether your test system has found your tag.

How to update a tag?

If you need to resubmit, remove the existing tag using the following commands:

```
1 | git tag -d mytag ?  
2 | git push origin :refs/tags/mytag
```

Then tag your new submission as before!

Git with Eclipse (EGit) does not accept my passphrase

It might occur that you have created and uploaded a working public key which enables you to pull and push using the console. However, if you try to do the same using EGit, it will not accept your passphrase and demand it continuously.

A known solution for this bug is to create a new environment variable named `GIT_SSH` having the path of your shell (i.e. `/usr/bin/ssh`) assigned:

1. Open the file `/etc/environment` with a text editor (like `vi`, `nano`, etc.) under root permissions:

a. 1 | `sudo vi /etc/environment` ?

2. At the end of the file, append the following line:

a. 1 | `GIT_SSH="/usr/bin/ssh" eclipse` ?

3. Save the file and reboot

Right now Eclipse will take the right shell for the execution of git commands.