

Configuring git

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22 May 2017

Global configuration

You need to configure *git* after you install it. If you are going to be the only one using the computer, then open *Terminal* (OSX and Linux) or *Git Bash* (Windows) and enter the following text (substituting your username and email address as required):

```
git config --global user.name "Your Name"
git config --global user.email your@email.com
```

Local project configuration

If you configure your computer using the `--global` tag, you only have to enter this information once. Thereafter, *git* will assume that all commands are being entered by you. As you may expect, configuring your user details with the `--global` tag is not a good idea if the computer you use has multiple users working, for example, through a 'Guest Account'. In that situation, rather individually set the user configuration for each directory (project) you initiate as follows:

- Open *Terminal* (OSX and Linux) or *Git Bash* (Windows) and navigate to the directory you want to initiate as a repository;
- Enter the following text (substituting your username and email address as required):

```
git init
git config user.name "Your Name"
git config user.email your@email.com
```

Your user information will only be associated with the repository you initiated.

Proxy problems

If you are working behind a corporate proxy, you may run into problems with pushing *git* commits to your *remote*. The following options should help solve the problem.

(NOTE: All settings can be set specifically for the local project by omitting the `--global` tag.)

Enter the following commands in the *Terminal* (OSX or Linux) or *Git Bash* (Windows):

```
git config --global http.proxy http://proxyserver.com:8080
git config --global https.proxy https://proxy.server.com:8080
```

Remember to:

- Change *proxy.server.com* to the address of your proxy server

- Change *8080* to the proxy port configured on your proxy server
- For staff and students at the University of the Witwatersrand, the proxy server and port information is: *proxyad.wits.ac.za:80*

If you want to clear your proxy settings (e.g., if you are working on a laptop that you use at home and at work), enter the following commands in *Terminal* or *Git Bash*:

```
git config --global --unset http.proxy  
git config --global --unset https.proxy
```