

Remember how we used the various commands like “ssh” to log into the git server? Well please **forget them as you will never log into the server, all the work will be done from your computer.**

Getting started

Cloning the repository on your machine

- 1) Open the terminal
- 2) Go to the directory where you want the repository to be copied by using the **cd** command
Example: cd Desktop/
- 3) Type “git clone **your_username**@atelier.inf.usi.ch:/home/**bertit**/group”
Example: git clone **mazzun**@atelier.inf.usi.ch:/home/**bertit**/group
- 4) The cloned directory will be where you chose in step 2), this is where everything will happen: the pulls, the adds, the commits and the pushes.

Going around the repository

There are four directories representing every team: History, CompVir, Malware, Security.

These are the respective directories in which you will work.

Each of them contains 3 directories: css, html and images. Make sure to upload the files in the correct file.

PS: please do not go into other directories other than your team directory, unless you have a “leader” role.

Here is an approximation of what the git repository should look like:

```
group/  
  index.html  
  general/  
  documentation/  
  history/  
  compvir/  
  malware/  
  security/  
    css/  
    html/  
    images/
```

Note that the index.html and index.css files are the main files for our website, e.g. index.html will be our homepage. no

Working with GIT

Getting the latest files from the repository

- 1) Go to the directory in which you stored the git repository on your machine. E.g. /Desktop/**group**
- 2) Type **git pull** to get the latest update files (it's good practice that you do this every time before starting to work on anything)

Creating your files

- 1) Make sure to be in the directory in which you want to create the files.
Example: you want to create a new html file called "virus.html", make sure that you are in the directory of your group "compvir" and inside the html directory. The path should look something like this depending on where you save the repository:
~/Desktop/group/compvir/html
- 2) Type **touch virus.html**
- 3) You have now created your html file, this file is only on your machine, not on the server yet

How to upload your work

- 1) To prevent errors, make sure you have the latest version of the repository, type **git pull**
- 2) Make sure to be in the directory in which you created the files
- 3) Do **git add "file_name"**, this will add this file to the files that you intend to upload to the repository
Example 1, if you want to only add one file: git add virus.html
(Recommended) Example 2, if you want to add a bunch of files that are in this directory do **git add .**
- 4) Then **git commit -m "your_message"** (the quotation marks are part of the command).
This will be used to say what you have changed/created on the server, it is very important that you tell others what you are doing.
Example: git commit -m "Uploaded virus.html"
- 5) And lastly **git push**
This last command sends everything to the server.

Useful command list

Command	What it does
git status	checks if you still need to commit anything
git log	check what other people have uploaded and what their commit messages were
git add	adds specific files to a pool of files you wish to push/upload to the server
git commit -m"your_message"	tells your teams what you did
git push	upload your changes to the server

For our group leaders:

There is a documentation directory in which you can upload any additional documents that we'll use for the project.