Let’s go that’s our first writing about bit and gitrub.

First thing is git and gitrub is not the same! Yes, are exactly you heard? One, but for that I understood the difference is one is open source and the other one has some plans for business.

The git GUI is a graphic interface, and CLI the name explain everything command list interface.

Now we will learn some essentials commands to use the command line:

1. Cd
2. Dir / ls
3. Mkdir
4. Del or rmdir / rm-rf

How git works at the background:

Questions:

What’s SHA1: Basic it’s just an encryption. Will generate identification with 40 characters.

Basic objects in git:

Blobs: will have the metadata “blob 9\0name”

Trees: Contain the blobs. Also will save the name, size, and the archive’s name and has too a SHA1.

Commit: Most important object, it’s the object that will make everything together.

Commands:

Git init: start a new repository

Git add: To start the archive

Git Commit: To add commit

Git config –user.email and –user.name

Obs: Markdown seems like html

Git init: Create a repository

Tracked:

1. Unmofified: Not changed
2. Modified: Modified
3. Staged: Where stay the archives to be used in others equipments

Git init: Cria praticamente um repositório

Git add: torna o arquivo para staged

Reset user: --global –unset options

To up to the server we need to write this command: git remote add origin [ name ]

Git push origin máster: Will push to the server

Conflitos git hub:

Git pull origin master: Will get the archive git

After that we need to change the wrong part and push again.

What’s a branch? Branch is like one part off the tree

Use a branch is good because you can continue your program without change the main content. And your code still secure

What’s the difference between main and master?

Both are just branch name’s, and now the git are asking users while the installation he’ll ask you between “let git pass per default” or “You can say the branch names”.

What`s the tag HEAD: Is a tag witch show to one specific commit, seems like. More specific the tag head is you, show you where you are.

Git checkout: We use this command to move from one branch to other.

Git checkout –b [name] : We use this commando to create a new branch.

Git merge name branch: Will mix the branch

Git branch: Allow us to see witch branch I am

Git branch –m “name”: Will change the branch name’s

Git branch –d name: Will delete the informed branch

Git stash save “context”: Seems like a box, because their will save, allowing us to go to other branch without trash

Git stash list: will show the stash list

Git stash pop number: Will get one stash saved

Git stash clear: will clear

How to see historic: To see that we just need use “git log” only that.

Git log [name paste] : Will show the log just one archive

Git log [name archive]: will the archive log

Git log oneline: Will show everything in just one line.

Git log graph: Will show the logs more beautiful. Also will show more information.

Graphic tools:

Gitk: will open a graphic tool