**Version Control**

**Meaning**

It’s a toll that help to do the machines to do the changes on the source code over time, it also helps to work faster and more intelligent. Version control software keeps track of all code modifications in a special type of database.

**Benefits**

* We can work together as a team and the information is not going to be loss and we are going to realize also who do changes it also protect the code for human’s errors as well other kid of errors may appear.
* Facilitate a smooth and continuous flow of code changes.
* Creation of branches and mergers.
* Traceability by being able to track every change that is made to the software and connect it to project management and bug tracking software like Jira.

**Application:**

An application could be a project on a work where there is a team of developers that are trying to do an application to make the life easier to a user, they can work together on the same code making changes and if probably one or some of the make mistakes that make the app work in a wrong way, they are able to go back to fix the errors or try another way to make the app work properly without losing important code previously added.

**A git command:**

* git add: Moves changes from the working directory to the staging area.