GITHUB

Git is an actively maintained open source project originally developed by Linus Tovalds in 2005, he is the famous creator of Linux operating system kernel. The Git works well with a lot of IDE (Integrated Development Environment) and operating system. With the git you can have the historic of the program you work on, each programmers and developers working on a copy of the program, then you can see all version of the program made by each people.

The Git is at this time the best of his categories, the raw performance characteristic of the git is very strong compared too many other systems. You can also compare your new version of a program to another old one for check and find eventual mistake. The Git is not focus on the name of the file many other software, he focusses the content of the file because when you programed you rename all time you file who can became a source of confusion (he sources the different continent).

He is made for keep secure all the file you want to put in, all the files are protected with an algorithm call SHA1. Then all your private fill keeps private and all file you want to share are protect too in your git and all the other users can only have a copy of it. One of the best points of git is its flexibility you can work one each programming language, have a big or a small project or have a group or solo project.

With git you can create branch, branches are created with the command “git branch <branch name>” (branch pointer in the repository. But with this method caution to your old branch. With the command “git checkout -b <branch name>” you create a new branch and all your workspace move to the new branch. When a feature branch is finish you need to merge I back to the master branch. You can do this by checking the master branch and use thi command “git merge <branch name>”