Gianna Sorrentino

09/13/2017

CS361

Github was created in 2008. It is an internet hosting service and repository used for code. It stands out by giving access control to the user and allowing collaboration. It’s the ideal tool for projects/teamwork, or if someone is just looking a way to share their work with people. It was created by Tom Preston-Werner, PJ Hyett, and Chris Wanstrath. Similar programs are Bitbucket, Sourceforge, and Codeplane.

* Repository – a directory where one can access their projects and files created as they get changed and edited over time
* Commit – command in git used to store staged changes made by the user
* Push – tells git where to put commits
* Branch – a copy of a code someone makes in order to edit the code, which they will later on merge back into the code
* Fork – a copy of a repository, which is useful when wanting to edit repositories that do not belong to you.
* Merge – adds changes in a commit into the current master branch
* Clone – copies an entire existing repository
* Pull – accesses changes made in a repository and and merges them with the current branch
* Pull request – used to tell other contributors about changes a user has pushed to a repository on Github