**What is GitHub?**

It’s a online hosting service for software projects created using the open source version control system Git.

**When was it created?**

In 2008

**Why Github created?**

Github provide access control and some other features like bug tracking, task management and wikis for every project.

**Who created github?**

Tom Preston-Werner

**What similar platforms?**

* BitBucket
* Beanstalk
* Launchpad
* SourceForge
* Phabricator
* GitBucket
* Gogs

**Why would you use such a platform?**

Github are very closely matched in terms of features if you need to use Git. But it also having **it’s o**wn extra features. Also github provide graphical interface. Github provide access control and some other features like bug tracking, task management and wikis for every project.

**Repository**

Both Git and GitHub refer to this as a repository, or “repo” for short, a digital directory or storage space where you can access your project, its files, and all the versions of its files that Git saves. ... A Readme file is usually a text file that explains a bit about the project.

**Commit**

Commit. A commit, or "revision", is an individual change to a file (or set of files). It's like when you save a file, except with Git, every time you save it creates a unique ID (a.k.a. the "SHA" or "hash") that allows you to keep record of what changes were made when and by who.

**Push**

Push. Pushing refers to sending your committed changes to a remote repository, such as a repository hosted on GitHub. For instance, if you change something locally, you'd want to then push those changes so that others may access them.

**Fork**

A **fork** is a copy of a repository. Forking a repository allows you to freely experiment with changes without affecting the original project. Most commonly, **forks**are used to either propose changes to someone else's project or to use someone else's project as a starting point for your own idea.

**Merge**

Merging a pull request on GitHub. ... Depending on the merge options enabled for your repository, you can: Merge all of the commits into the base branch by clicking Merge pull request. If the Merge pull request option is not shown, then click the merge drop down menu and select Create a merge commit.

**Clone**

Cloning a git repository means that you create a local copy of the code provided by developer. You can simply do it with a command line: git clonegit://github.com/facebook/facebook-ios-sdk.git . ... Cloning a repository means that you're downloading a copy of the source code from source control.

**Pull request**

Pull requests let you tell others about changes you've pushed to a GitHub repository. Once a pull request is sent, interested parties can review the set of changes, discuss potential modifications, and even push follow-up commits if necessary.

References

Readwrite/ [lauren orsini](https://readwrite.com/author/lauren-orsini/) / 30 Sep 2013

Githubhelp

Github.io/Yangsu/