## What is GitHub

* Most importantly, GitHub is a collaborative and asynchronous workflow for building software better, together. GitHub is now the largest online storage space of collaborative works that exists in the world. Social network for code sharing.
* Below from [http://readwrite.com/2013/09/30/understanding-github-a-journey-for-beginners-part-1]
* GitHub itself isn’t much more than a social network like Facebook or Flickr. You build a profile, upload projects to share and connect with other users by “following” their accounts. And while many users store programs and code projects, there’s nothing preventing you from keeping text documents or other file types in your project folders to show off.
* Git – at the heart of GitHub. Thank famed software developer Linus Torvalds for Git, the software that runs at the heart of GitHub. Also creator of Linux OS. Git is *version control software*, which means it **manages changes to a project without overwriting any part of that project**. Git was used to help develop the core kernel for Linux.
* A version control application like Git keeps that from happening. You and your coworker can each upload your revisions to the same page, and Git will save two copies. Later, you can merge your changes together without losing any work along the way. You can even revert to an earlier version at any time, because Git keeps a “snapshot” of every change ever made.

GitHub makes Git easier to use in two ways. First, if you download the GitHub software to your computer, it provides a visual interface to help you manage your version-controlled projects locally. Second, creating an account on GitHub.com brings your version-controlled projects to the Web, and ties in social network features for good measure. So, GitHub is like a cloud on the web; whereas Git is your local copy on your PC or Mac.