

Hello there!

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Question1. What are git and GitHub?

Answer1. Git is created by Linus Torvalds. Primarily for the contribution to the linux kernel development.

It is an open-source, free and distributed version control system.

Git has trunk-based development which like the name suggests involves branches in the repository. Primarily used for creating sub-branches. We can create a new branch even while working on the current branch and can also merge the new branch with the master branch if required at any point of time.

GitHub is a website used for project creation that've version control on them. GitHub is a file or code sharing service to collaborate with different people. The platform makes the code management and sharing easy and neat.

Git is an application used to implement the above features as described whereas, Github can be defined as a website or web-service that offers the git features. Github can be called a social network of projects using the core fundamentals of git.

Question2. Why GitHub is so popular and used in most of the projects?

Answer2. Various reasons behind Github's popularity and usage in projects are:

1. It has an extremely large community of developers and programmers.
2. Separate repositories for public and private use.
3. Shared repositories that can be accessed by millions of users which in turn make contributions to existing files or codes available.
4. Easy control of version.
5. Accessibility. Can be accessed anytime and anywhere.

Question3. What are the other platforms similar to GitHub?

Answer3. Various other platforms similar to GitHub are:

1. GitLab
2. GitBucket
3. AWS Code Commit
4. Source Forge