

Difference between Git and Git-hub

The difference between Git and GitHub is one of the most important things to understand when you are looking to get into the world of open source development. Both of these tools are great for different reasons, and they can both be useful in different situations. However, there are some key differences that you should be aware of when you are looking to choose one over the other.

Git is a version control system that allows you to track changes to your code, and it is a great way to keep track of your work. It is also a great way to share your code with others, and it can be very useful when you are working on a project that involves a lot of collaboration. Git is also very easy to use, and it can be very intuitive when you first start out. It can also be very useful if you want to keep track of your work in a more organised way.

Github is a web-based Git repository, that is. Cloud-based storage is offered by this hosting company. Git's distributed version control and source code management capabilities are all provided by GitHub, along with some additional features. Utilising Git facilitates collaboration. The public can access GitHub repositories as well. GitHub serves as a networking platform for online professionals since developers from all over the world may engage, contribute to one another's code, and edit or improve it. Social coding is another name for the process of participation and engagement.

Git commands

git config

This command sets the author name and email address respectively to be used with your commits.

git init

This command is used to start a new repository.

git clone

This command is used to obtain a repository from an existing URL.

git add

This command adds a file to the staging area.

git commit

This command records or snapshots the file permanently in the version history.

Steps to create a pull request

1. Switch to the branch that you want to create a pull request for. For more information, see "[Switching between branches](#)."
2. Click **Create Pull Request**. GitHub Desktop will open your default browser to take you to GitHub.
3. On GitHub, confirm that the branch in the **base:** drop-down menu is the branch where you want to merge your changes. Confirm that the branch in the **compare:** drop-down menu is the topic branch where you made your changes.
4. Type a title and description for your pull request.
5. To create a pull request that is ready for review, click **Create Pull Request**. To create a draft pull request, use the drop-down and select **Create Draft Pull Request**, then click **Draft Pull Request**. For more information about draft pull requests, see "[About pull requests](#)."