

## **Overview on Git and GitHub -**

GitHub is an Open-source Distributed Version Control System that helps you to keep track of the changes made to your application and also to collaborate on the code with your team members. Projects are managed on GitHub through Repositories. A standard Git command-line interface is used to Push and Pull codes to the Repository.

The website, <https://github.com/>, allows users to browse public repositories on the site, and provides social networking-like functions such as feeds and followers. Any user can browse and download from public repositories but to contribute to repositories a user needs to have access rights. A registered user can have discussions, manage repositories, review changes to code, and can submit contributions to their own and others' repositories.

## **How do you Differentiate Git from GitHub**

Git is a distributed version control tool that manages source code history for developers and it is installed locally on computers. On the other hand, GitHub is a cloud-based service that stores code pushed to it from computers running the Git tool. You can also download resources from GitHub.

## **Advantages of Git**

A few of the advantages of Git:

- Easy to track the changes
- Undo the changes/Roll back to the previous versions
- Make multiple versions
- Time efficient
- Distributed development

## **Visit below articles to learn more about Collaborative Coding -**

1. The article explores the different tools available for real-time collaborative programming. It explains the features and capabilities of each tool, such as code sharing, screen sharing, and video conferencing. It also provides recommendations on which tools to use based on the specific needs of the development team

<https://www.turing.com/kb/collaborative-coding-tools-for-real-time-programming>

2. The article is a comprehensive resource for developers looking for code collaboration tools for remote work. It categorizes the tools based on their primary features and includes a comparison table, user reviews, and ratings to help developers make informed decisions. It is a valuable resource that can help developers select the right tool for their team.

<https://www.remote.tools/category/code-collaboration-tools-for-remote-work>

