Version Control System With Git

Git for Version Control System (VCS)

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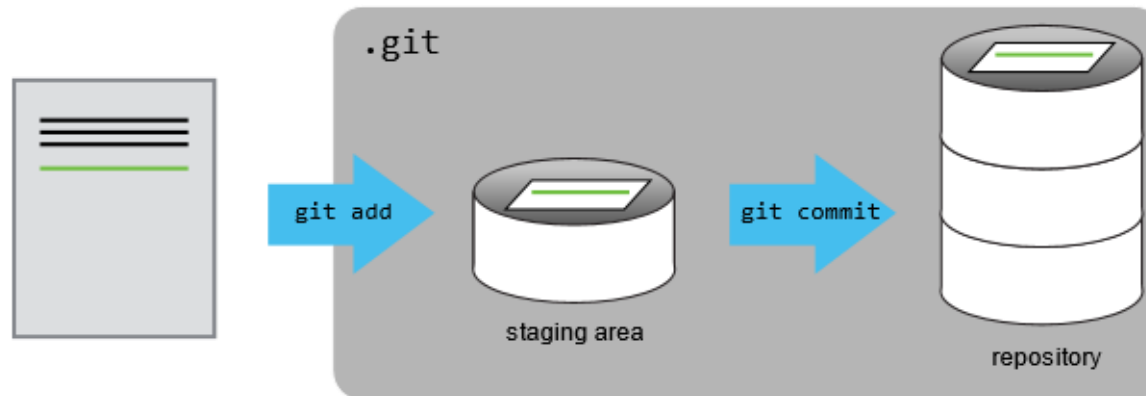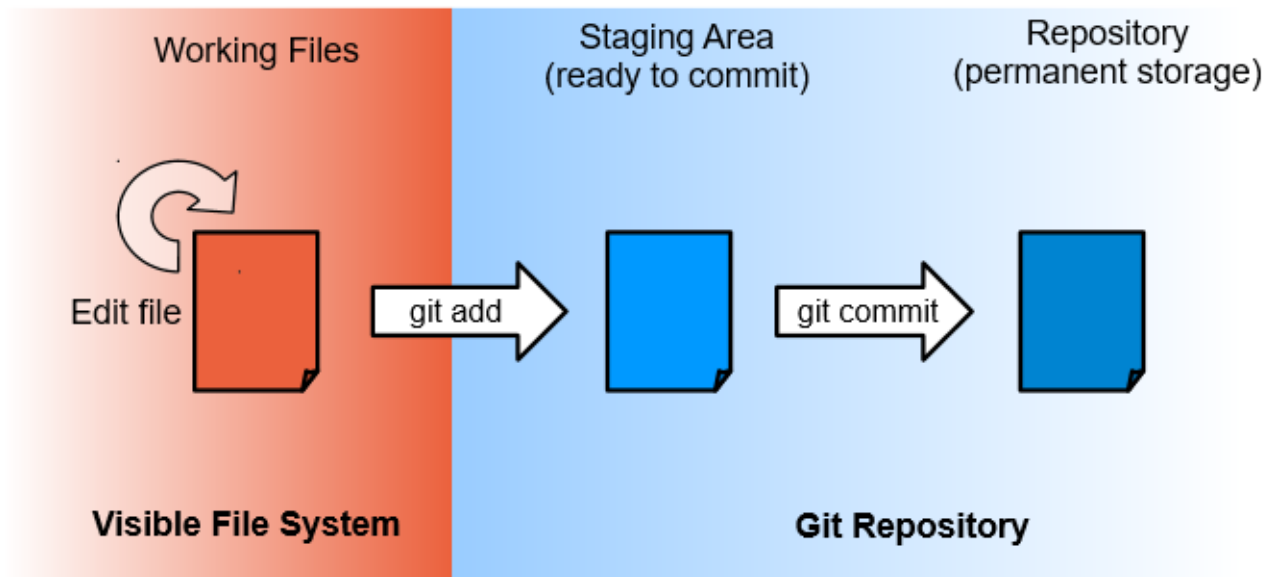Startup and Coding School

What is Git?

Git is a [free and open-source](#) distributed version control system (DVCS) designed to handle everything from small to very large projects with speed and efficiency.

By far, the most widely used modern version control system in the world today is Git. Git is a mature, actively maintained open-source project originally developed in 2005 by Linus Torvalds, the famous creator of the Linux operating system kernel

Why use Git?

- Fast Operation
- Distributed
- Data Integrity
- Staging Area
- Open source and Free

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Staging Area

What is GitHub?

GitHub is a code hosting platform for version control and collaboration.

GitHub is designed as a Git repository hosting service. It's an online database that allows you to keep track of and share your Git version control projects outside of your local computer/server.

It lets you and others work together on projects from anywhere.

Git & GitHub

Git	GitHub
Installed on Local Machine / System	Hosted on web
Tool to manage different versions of edits, made to files in a git repository	A space to upload a copy of the Git repository
Command line tools	It provides a graphical interface
No management features	Build-in user management system
Focus on version control and code sharing	Focused on centralize source code hosting
Local Repository	Hosted / Remote Repository

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