

10. Git and GitHub Overview

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2:36 PM

Git and GitHub Overview



<https://git-scm.com/>

<https://docs.github.com/en/get-started/getting-started-with-git/set-up-git>

Git is a **free and open source** distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

Git is **easy to learn** and has a **tiny footprint with lightning fast performance**. It outclasses SCM tools like Subversion, CVS, Perforce, and ClearCase with features like **cheap local branching**, convenient **staging areas**, and **multiple workflows**.

About: The advantages of Git compared to other source control systems.

Documentation: Command reference pages, Pro Git book content, videos and other material.

Downloads: GUI clients and binary releases for all major platforms.

Community: Get involved! Bug reporting, mailing list, chat, development and more.

Pro Git by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#).

Latest source Release: **2.44.0** ([Release Notes \(2024-02-23\)](#))

Download for Mac

Companies & Projects Using Git: Google, Microsoft, Twitter, LinkedIn, Netflix, Camel icon, PostgreSQL, Android icon, Linux icon, RAILS icon, Qt icon, GNOME icon, Eclipse icon, K icon, X icon.

[About this site](#). Patches, suggestions, and comments are welcome.

tryGit

<https://try.github.io> !!NO LONGER AVAILABLE!!

GitHowTo

<https://githowto.com/> !!ALTERNATIVE!!

Q. So what is Git, G-I-T?

A. It is *version control system*, where it handle the small to big project pretty well. Basically it's a pipe line to connect GitHub. Also it can be install without GitHub, as it runs locally in your computer.



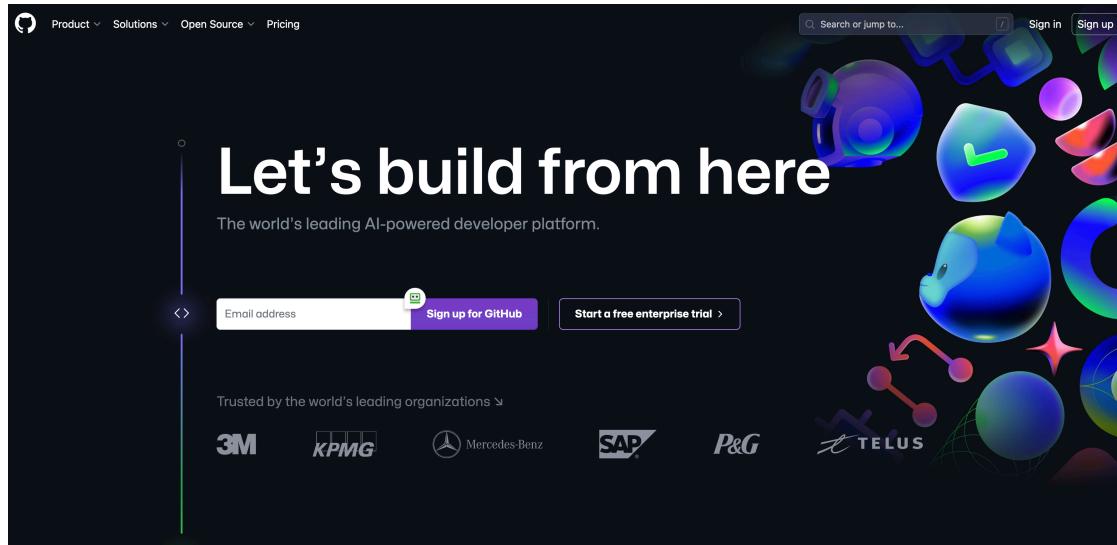
GitHub

<https://github.com/>

<https://docs.github.com/en>

<https://docs.github.com/en/get-started/start-your-journey/hello-world>

<https://docs.github.com/en/get-started/start-your-journey/git-and-github-learning-resources>



A screenshot of the GitHub homepage. At the top left is the GitHub logo. To its right are navigation links: Product, Solutions, Open Source, and Pricing. On the far right are search, sign-in, and sign-up buttons. The main heading "Let's build from here" is prominently displayed in the center. Below it, a sub-headline reads "The world's leading AI-powered developer platform." There are input fields for "Email address" and "Sign up for GitHub", along with a "Start a free enterprise trial" button. A decorative background features abstract, colorful, glowing shapes resembling code or data points. At the bottom, it says "Trusted by the world's leading organizations" and lists logos for 3M, KPMG, Mercedes-Benz, SAP, P&G, and TELUS.

Q. So what is GitHub?

A. It is webpage, where you can publish your GIT repository or software application building from your computer. So you can collaborate work with other people. Basically it works like snapshot of your software, that are known as commits and where can check order they're created in.

Alternative to GitHub might be using Git with your files and hosting them on Dropbox.

See Below URL:

- <https://optalgo.medium.com/use-dropbox-as-a-git-repo-96c0e6412549>
- <https://github.com/kbjarkefur/GitHubDropBox>