

WHAT IS GITHUB

Github is a website for developer and programmers to collaboratively work on code, also a coding hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere. No CODING necessary.

Github is also an example of open-source software. And it's a website and cloud-based service that help developers store and manage their Coding as well as track and control changes to their Code. Github is for profit-company to offers a cloud-based to Git for repository hosting service. A for them and its makes easier for individuals and teams to use Git for version control and collaboration. To understand exactly what **GITHUB** is and you need to know two connected principles.

- Version control
- Git

In this Article will explain more about these two principles. Then we'll dig more about Github and how you can actually use Github to work with WordPress .

WHAT IS VERSION CONTROL

Version projects control helps developers track and manage to a software projects' code. As a software project grows, version controls becomes essential.

WHAT IS GIT

Is a **specific open-source version control system** created by Linus Torvalds in 2005.

Specifically Git is a **distributed version control system**, which means that the entire codebase and history is available on every developer computers, which allows for easy **branching** and **merging**.

HOW TO GET STARTED WITH GITHUB

To get started with GitHub

- Sign up with GitHub account.
- Follow the GitHub Hello World guide to understand vthe most popular action you'll likely want to take.
- Read World version Control (What it is Best Solution).
- Read Git vs Github What's the Difference and How to get started with Both.

How to create a new repository

1. In the upper right corner, next to avatar or identity, click+ and then select **New repository**.
2. Name your repository **hello world**.
3. Write a short description.
4. Selects **initialize this repository with a README**.

CREATE A BRANCH

Now you have two branches / main and readme-edits. They look exactly the same, but not for long! Next we'll add our changes to the new branch.

Make and commit changes

- Click the **Pull Request** tab, then from the Pull Request page, click the green **New pull request** button.
- In the **Example Comparisons** box, select the branches you made **readme-edits**, compare with main(the original).
- Look over your changes in the diffs on the Compare page, make sure they're what you want to submit.
- When you're satisfied that these are the changes you want submit, click the big green **Create Pull Request button**.
- Give your pull request a title and write a brief description of your changes.