

Introduction to Git and GitHub Series

Overview

- Presenter: Hes on YouTube Channel
- Series: Master Git and associated services, e.g., GitHub, Bitbucket
- Approach: Theoretical and Practical perspectives
- Importance: Collaborating on software work, using version control (like checkpoints in a game)
- Focus: Understanding the workflow, not memorizing commands
- Tools: Visual Studio Code, terminal-based tools like Warp
- **Ensure Git and GitHub distinction:** Git is software; GitHub is a service provider

Initial Setup

- Tools required: Git, Warp (or any terminal), Visual Studio Code
- Terminal emphasized over GUI for deeper learning
- Steps: Initialize Git, use `cd` to navigate, check status with `git status`, initialize with `git init`

Notes and Practical Steps

Basic Git Commands and Workflow

1. Initialization

- `git --version`: Check Git version
- `git init`: Initialize repository
- `git status`: Check status of the repository

2. Making Changes

- Create files, check status
- `git add <filename>`: Add specific files
- `git add .`: Add all files

3. Committing Changes

- `git commit -m`