Git, WebStorm, and GitHub tutorial

Part 1: Guide to using WebStorm.

Step 1: Install WebStorm 1.

Download WebStorm from the official website: [WebStorm Download] (https://www.jetbrains.com/webstorm/download/) 2. Follow the installation instructions for your operating system.

Step 2: Fix Git in WebStorm

1. Open WebStorm.

2. Go to `File` > `Settings` (or `WebStorm` > `Preferences` on macOS).

3. In the Settings/Preferences dialog, go to `Version Control` > `Git`.

4. Verify that the path to the Git executable is set correctly. If Git is not installed, download from [Git Download] (https://git-scm.com/downloads) and configure the path.

5. Click `OK` to apply the changes.

Step 3: Clone a repository.

1. Open WebStorm.

2. On the welcome screen, select `Receive from Version Control` or choose `VCS` > `Receive from Version Control`.

3. Enter the URL of the GitHub repository you want to clone.

4. Select the destination folder on your local machine.

5. Click `Clone`.

4: Create the branch

1. Open WebStorm.

2. Click the branch name in the lower right corner.

3. Click on `New Branch`.

4. Enter the branch name and select the base branch.

5. Click `Create`.

Step 5: Be flexible and trust yourself

1. Open the project in WebStorm.

2. Make changes to your files.

3. Go to `VCS` > `Force Updates`.

4. Enter the commit message and click `Commit`.

Step 6: Push the changes to GitHub:

1. Make changes and go to `VCS` > `Git` > `Push`.

2. Make sure you have selected the correct branch.

3. Click `Push`. ## Part

2: Vocabulary –

\*\*Branch: \*\* A type of parallel repository that can run on different objects or be resolved at the same time. –

\*\*Clone: \*\* To create a copy of the repository on your local machine. –

\*\*Commit: \*\* A snapshot of the changes that can be pushed to the repository

Commit: A snapshot of changes that can be pushed to the repository.

Fetch: To download changes from a remote repository without merging them into your working branch.

GIT: A distributed version control system used for tracking changes in source code during software development.

GitHub: A web-based platform for hosting and collaborating on Git repositories.

Merge: To integrate changes from one branch into another.

Merge Conflict: A situation where Git cannot automatically resolve changes between branches.

Push: To upload changes from your local repository to a remote repository.

Pull: To fetch and merge changes from a remote repository to your local repository.

Remote: A version of the repository that is hosted on a server, often on platforms like GitHub.

Repository: A storage location for a project's files and revision history.

References

WebStorm: WebStorm

Git: [Git](https://git-scm.com/)

GitHub: [GitHub](https://github.com/)