

Day 6

Using Git

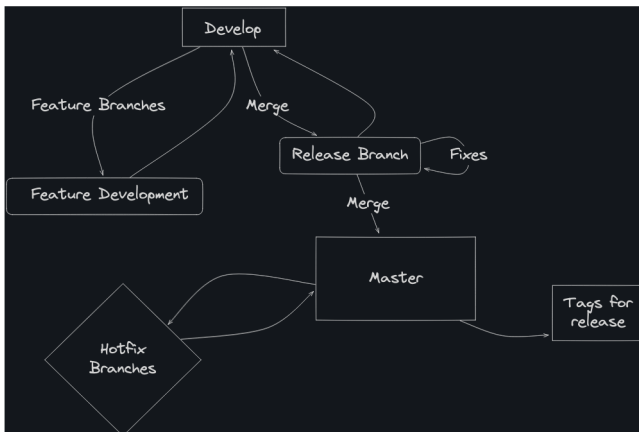
On a PC you will need to have the Git application binaries installed so that you can call git from within a folder to initialise it. This can all be done using a git client but it is very helpful to be able to do this from the command line.

1. Initialise an empty folder - Using the command line.
2. Initialise an empty folder - Using a git client.
3. Cloning a repo - Using the command line.
4. Cloning a repo - Using a git client.

Git Flow - Methodology

Git Flow is a branching model for Git, designed for managing project development. It defines a branching model centred around project releases:

- **Master branch:** Stable codebase, reflects production-ready state.
- **Develop branch:** Integration branch for features, bug fixes, and other development work.
- **Feature branches:** Branch off from develop for new features or enhancements. Merged back into develop upon completion.
- **Release branches:** Created from develop for preparing a new production release. Allows for minor bug fixes and preparing metadata for a release. Merged into master and develop when the release is complete.
- **Hotfix branches:** Branch off from master to quickly address issues in production. Merged into both master and develop.



This is the model we use and is a common pattern so a great one to follow.