

# Learn Git

## Basic Git Workflow

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### Checking the Status of a Git Repository

The `git status` command is used within a Git repository to its current status including the current commit, any modified files, and any new files not being tracked by Git.

The output of `git status` can vary widely, and it often includes helpful messages to direct the user to manage their repository. For example, `git status` will show the user the files they would commit by running `git commit` and the files they could commit by running `git add` before running `git commit`.

### Initializing a Git Repository

The `git init` command creates or initializes a new Git project, or *repository*. It creates a **.git** folder with all the tools and data necessary to maintain versions. This command only needs to be used once per project to complete the initial setup. For instance, the code block sets up the **home** folder as a new git repository.

```
$ cd /home
$ git init
```