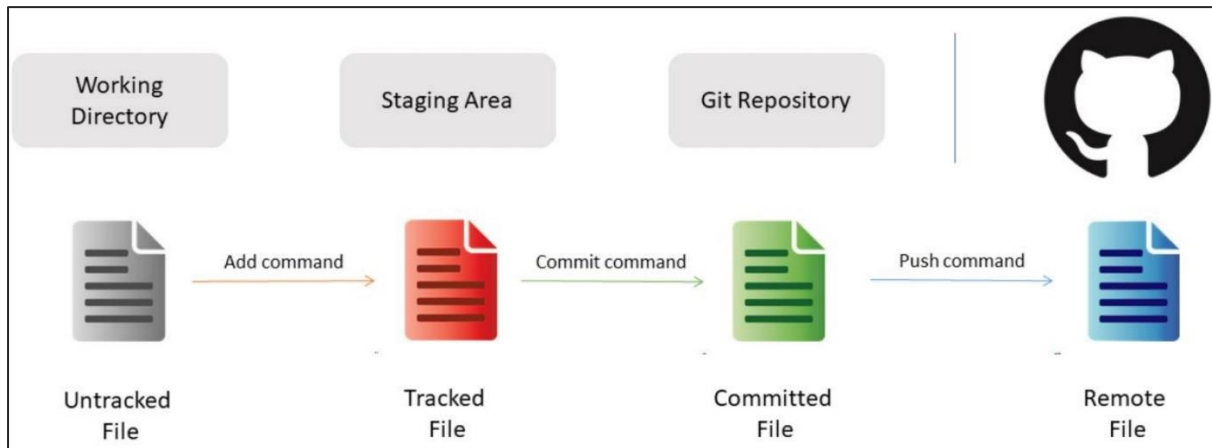


Git Commands

Git workflow from creating a local repository to pushing changes to a remote repository.



1) Create a New Local Git Repository

To create a new local Git repository, navigate to the desired directory and run **git init**:

```
git init
```

2) Provide User Info to Git Repo (One Time)

You need to configure your username and email for Git, which is usually done once. Replace "**your name**" and "**your email**" with your actual name and email:

```
git config --global user.name "your name"
git config --global user.email "your email"
```

3) Adding Files or Folders to Staging

To add files or folders to the staging area, use the **git add** command. You can add specific files, all files, or files matching a certain pattern:

```
git add -A          # Add all files and folders to staging
```

```
git add filename          # Add a specific file to staging
git add *.java            # Add all Java files to staging
git add foldername        # Add all files within a folder to staging
```

4) Commit the Code into Local (Git) Repository

After adding files to the staging area, you commit them to the local repository along with a commit message using `git commit -m "commit message"`:

```
git commit -m "commit message"
```

5) Connect Local Repository with Remote Repository (One Time)

If you haven't already, you need to connect your local repository with a remote repository. This is typically done using the `git remote add` command followed by the remote repository URL:

```
git remote add origin "https://github.com/pavanoltraining/opencart.git"
```

6) Push the Code into Remote Repository

Finally, to push your committed changes from the local repository to the remote repository, use the `git push` command followed by the name of the remote repository (often `origin`) and the branch you want to push (often `master` for the main branch):

```
git push origin master
```

These steps cover the basic Git workflow from creating a repository to pushing changes to a remote repository. Remember to replace `"your name"`, `"your email"`, and the repository URL with your actual information.