

Repository Management with Git

Here are some common Git commands to manage the repository:

Branch Management

- Creating a new branch:
`git branch [branch-name]`
- Switching to a branch:
`git checkout [branch-name]`
- Creating a new branch and switching to it:
`git checkout -b [branch-name]`

Code Changes

- Adding changes to the staging area:
`git add .`
- Committing changes:
`git commit -m "[commit message]"`
- Pushing changes to a remote repository:
`git push origin [branch-name]`

Merging Changes

- Before merging, ensure you're on the branch you want to merge into:
`git checkout [target-branch]`
- To merge changes from another branch into the current branch:
`git merge [source-branch]`

Remember to regularly pull changes from the remote repository to keep your local copy up to date:

`git pull origin [branch-name]`