VS Code SuperHero
git cheat sheet

Install

GitHub for Windows
https://windows.github.com

GitHub for Mac
https://mac.github.com

Git for All Platforms
http://git-scm.com

Configure

Configure user information for local repositories

```
$ git config --global user.name "[name]"
$ git config --global user.email "[email address]"
```

The .gitignore File

Use this to exclude files from beging tracked by Git.

Glossary

git: an open source, distributed version-control system

GitHub: a platform for hosting and collaborating on Git repositories

commit: a Git object, a snapshot of your entire repository

branch: a lightweight movable pointer to a commit

clone: a local version of a repository, including all commits and branches

remote: a common repository on GitHub that all team member use to exchange their changes

fork: a copy of a repository on GitHub owned by a different user

pull request: a place to compare and discuss the differences introduced on a branch with reviews, comments, integrated tests, and more

Create Repositories

Create repositories locally, then push to GitHub. Or clone an existing repository.

```
$ git init
$ git clone [url]
```

Branches

Branches allow you to work on new features safely without altering the master branch.

```
$ git branch [branch-name]
$ git checkout [branch-name]
$ git merge [branch]
```

Synchronize Changes

Synchronize your local repository with the remote repository on GitHub.

```
$ git fetch
$ git merge
$ git push
$ git pull
```

git flow

"master" branch

Create "feature" branch from "master"

Merge "feature" branch into "master"

Commit changes

Submit pull request

Review and approve changes

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