

Git Cheat Sheet

TERMINOLOGY

Branch

A parallel version of the repository. It is contained within the repository, but does not affect the primary branch, allowing you to work freely without disrupting the "live" version.

Clone

A copy of a repository that lives in a different location than the origin.

Commit

An individual change to a file (or a set of files). Similar to saving a file, however a commit keeps a record of what changes were made and by who.

Remote

This is the version of the repository that is hosted on a server.

CREATE

Create a local repository

```
git init
```

Clone a remote repository

```
git clone <URL>
```

Update .gitignore

EXPLORE

View changed files

```
git status
```

Changes to tracked files

```
git diff
```

Show all commits

```
git log
```

List all existing branches

```
git branch
```

List all remotes

```
git remote -v
```

Get all changes from origin without merging

```
git fetch
```

WORKFLOW

