

- Git tags are pointers to specific commits in a Git repository.
- They are commonly used to mark release points or significant milestones in the project's history.
- Tags are useful for marking stable releases, creating version numbers, and for quickly identifying important points in a repository's history.
- **Lightweight Tags:** Lightweight tags are just pointers to a specific commit. They are created with the `git tag` command followed by a tag name.

```
git tag v1.0.0
```

---

- **Annotated Tags:** Annotated tags are stored as full objects in the Git database. They include additional metadata such as tagger name, email, date, and a tagging message. Annotated tags are created using the `-a` or `--annotate` option with the `git tag` command.

```
git tag -a v2.0.0 -m "Release version 2.0.0"
```

---

- You can list all tags in a repository using the `git tag` command

```
git tag
```

---

- To push tags to a remote repository, you can use the `--tags` option with the `git push` command

```
git push origin --tags
```

---

- And to delete a tag

```
git tag -d v1.0.0
```

---

- Remember that after deleting a tag locally, you need to also delete it from the remote repository

```
git push origin --delete v1.0.0
```

- 
- Git show specific tag

```
git show v2.0.0
```