

Git Submodule Workflow Cheatsheet

Setup Summary

- Main repo: xSTAR_project
- Submodule repo: Intro-to-rstudio (in xSTAR_project/pre_workshop/Intro-to-rstudio)

Your Workflow

1. Make changes inside the submodule:

```
cd pre_workshop/Intro-to-rstudio
# edit files, then...
git add .
git commit -m "Update workshop material"
git push
```

2. Update the main repo to track the new submodule commit:

```
cd ../..
git add pre_workshop/Intro-to-rstudio
git commit -m "Update submodule pointer"
git push
```

Important Tips

- Never edit submodule files from outside its folder.
- Always push the submodule repo itself before updating the main repo.

To clone the full project with submodules:

```
git clone --recurse-submodules
https://github.com/YOUR_USERNAME/xSTAR_project.git
```

If you forgot --recurse-submodules:

```
git submodule update --init --recursive
```

You're now managing two clean, linked repos!