Git Workshop

Quick Reference

Initial Setup

1. Fork
2. Clone from fork
3. Set up remotes

Common Workflow

1. Fetch upstream
   a. `git fetch upstream`
2. Checkout upstream/main
   a. `git checkout upstream/main`
   b. If your working tree is dirty (`git status` shows red/green), do you need the files?
      i. Yes: **Stage** (**GOTO 3**, then **GOTO 5a)** and **commit** (**GOTO 5b**) files
      ii. `git reset --hard`
      iii. **GOTO 2**
3. Checkout a new branch
   a. `git checkout -b NEW-BRANCH-NAME`
   b. The branch name should be named something based on the work you're doing
4. Do work (write code, create art files)
5. Save the work
   a. Add files to staging
      i. `git add FILENAME.EXTENSION`
      ii. Repeat as needed for every file that will be committed
   b. Commit
      i. `git commit -m "COMMIT MESSAGE HERE"`
   c. **GOTO 4** as needed
6. Push to origin new-branch
   a. `git push origin NEW-BRANCH-NAME`
   b. **GOTO 4** as needed
7. Open/Modify Pull Request against "upstream/main"
   a. **GOTO 4** as needed
   b. If accepted, merge
8. **GOTO 1**