

Useful Commands and Information for Shared Github Activity

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1. Introduction

This page is an attempt to take commands that pop up in the course of sharing our activity (whether it's passing it collectively or publishing it to an easily accessible site). Everything here is subject to change and addition as we discover more commands that need remembering. This page should be as standardised and explanatory as possible; when deemed necessary, examples should be given alongside the basic command structure.

2. Cloning

When cloning a repository, use:

```
git clone git@github.com:<user>/<repo>
```

If you didn't use `ssh url` while cloning, change remote before pushing:

```
git remote set-url origin git@github.com:<user>/<repo>
```

For instance, cloning the persistent exclusion process example script:

```
git remote set-url origin git@github:dlactivematter/persistent-exclusion-process.git
```

If in doubt, use the following to show all the available remotes:

```
git remote -v
```

3. Basic Git Commands

Check which branch you are on (and also other available branches):

```
git status
```

Add new file to current branch

```
git add <filename>
```

Commit new file to current branch (prompts adding a commit comment)

```
git commit <filename>
```

Push all changes to branch

```
git push origin <branch>
```

4. Basic Quarto Commands

Note: only works on .qmd files

Preview .qmd document in browser

```
quarto preview <filename>
```

Render all .qmd files into html (usually not necessary)

```
quarto render
```

Render all .qmd files into html and publish them to the `gh-pages` branch

```
quarto publish gh-pages
```