

think `git init`:

A new repo from scratch

Say you've just got some data from a collaborator and are about to start exploring it.

- Create a directory to contain the project.
- Go into the new directory.
- Type `git init`.
- Write some code.
- Type `git add` to add the files (see the typical use page ([routine.html](#))).
- Type `git commit`.

The first file to create (and add and commit) is probably a ReadMe file, either as plain text or with Markdown (<https://daringfireball.net/projects/markdown/>), describing the project.

Markdown allows you to add a bit of text markup, like hyperlinks (<https://en.wikipedia.org/wiki/Hyperlink>), **bold**/*italics*, or to indicate code with a `monospace` font. Markdown is easily converted to html for viewing in a web browser, and GitHub will do this for you automatically.

A new repo from an existing project

Say you've got an existing project that you want to start tracking with git.

- Go into the directory containing the project.
- Type `git init`.
- Type `git add` to add all of the relevant files.
- You'll probably want to create a `.gitignore` file right away, to indicate all of the files you don't want to track. Use `git add .gitignore`, too.
- Type `git commit`.

Connect it to github

You've now got a local git repository. You can use git locally, like that, if you want. But if you want the thing to have a home on github, do the following.

- Go to github (<https://github.com>).
- Log in to your account.
- Click the new repository (<https://github.com/new>) button in the top-right. You'll have an option there to initialize the repository with a README file, but I don't.
- Click the "Create repository" button.

Now, follow the second set of instructions, "Push an existing repository..."

(first_name.html) , then you won't have to type your password every time you push things to github. If you use the latter construction, you'll have to type your github password every time you push to github.

Next: Contribute to someone's repository (fork.html)



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