

Introduction to Opensource, Git, and Github

Opensource

Slideshare slides by Ali Yavari: [Intro to Opensource Slides](#)

Git

Windows: <https://git-scm.com/downloads>

Mac:

```
$ brew install git
```

Fedora Linux:

```
$ yum install git
```

Ubuntu/Debian:

```
$ apt-get install git
```

Resources:

<http://ndpsoftware.com/git-cheatsheet.html>

<http://try.github.io/>

Github

This is [Github](#).



Built for developers

GitHub is a development platform inspired by the way you work. From **open source** to **business**, you can host and review code, manage projects, and build software alongside 30 million developers.

Username

Pick a username

Email

you@example.com

Password

Create a password

Use at least one letter, one numeral, and seven characters.

Sign up for GitHub

By clicking "Sign up for GitHub", you agree to our [terms of service](#) and [privacy statement](#). We'll occasionally send you account related emails.

A platform for hosting repositories, be it for opensource, personal, or business projects. Allows for easy collaboration between groups and integrating third party programs for automatic testing and code checks.

Starting a Repo on Github

Quick setup — if you've done this kind of thing before

Set up in Desktop or **HTTPS** **SSH** <https://github.com/Sinami/dotfiles.git>

We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# dotfiles" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/Sinami/dotfiles.git
git push -u origin master
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/Sinami/dotfiles.git
git push -u origin master
```

...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

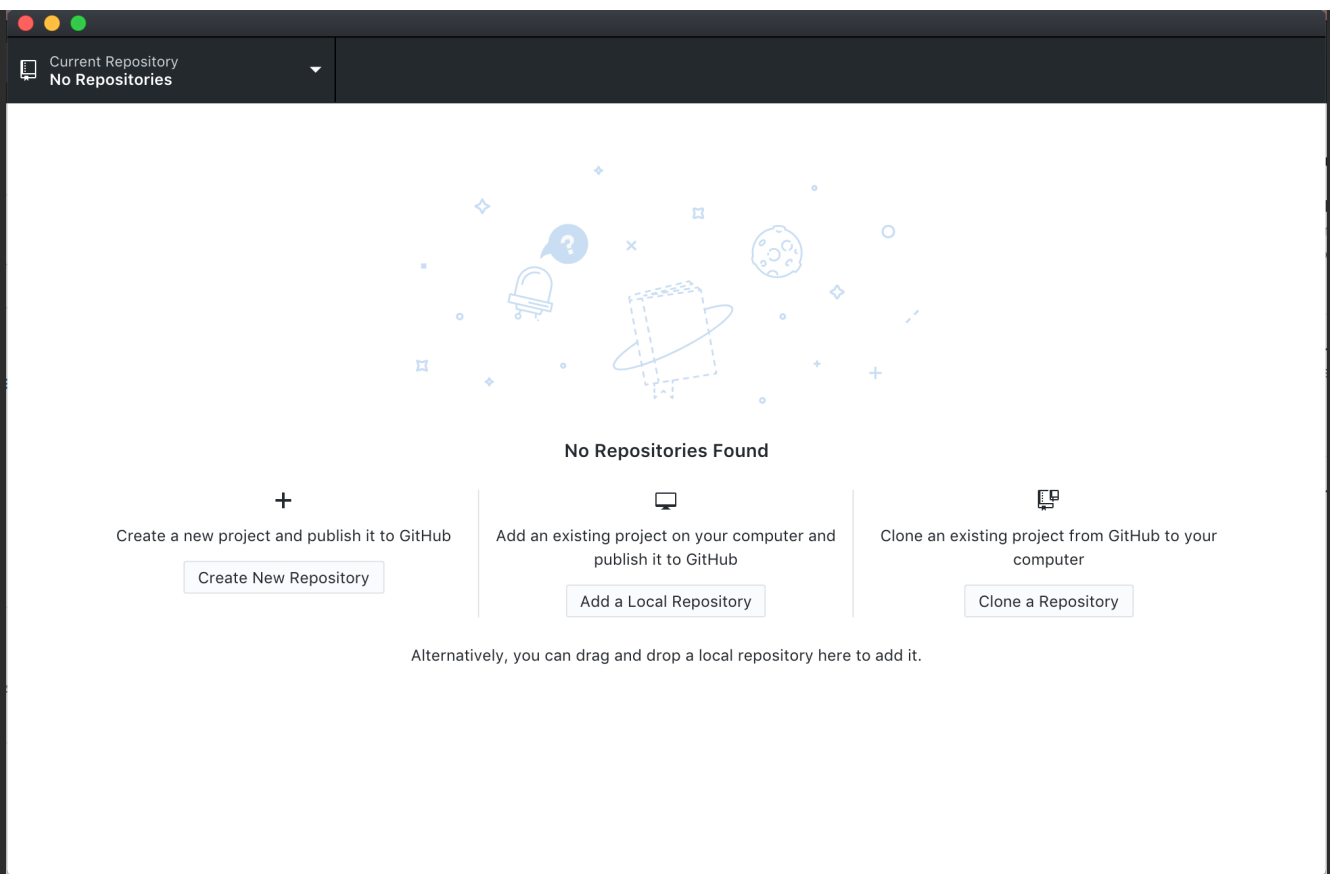
[Import code](#)

ProTip! Use the URL for this page when adding GitHub as a remote.

Github Desktop

<https://desktop.github.com/>

Gives git a GUI that removes the need for terminal commands.



Github Student Developer Pack

<https://education.github.com/pack>

The pack includes everything a beginning developer needs to explore different pipelines and setups. Can be renewed as long as student.

Survey

<https://tinyurl.com/mccsurvey0>

To get an idea of everyone's skill level and their interests.