

[Article version: GitHub.com](#) ✓

Adding an existing project to GitHub using the command line

Mac Windows **Linux** All

Putting your existing work on GitHub can let you share and collaborate in lots of great ways.

If you are migrating your project from CodePlex, read the [migration guide](#) for more information.

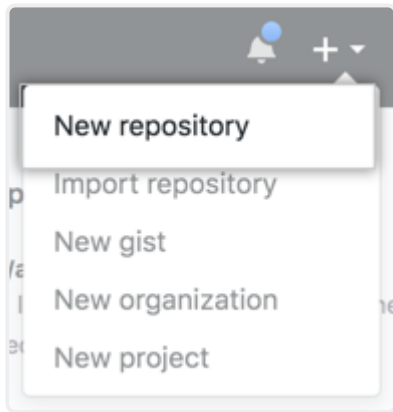
Tip: If you're most comfortable with a point-and-click user interface, try adding your project with GitHub Desktop. For more information, see "[Adding a repository from your local computer to GitHub Desktop](#)" in the *GitHub Desktop Help*.

Warning: Never `git add`, `commit`, or `push` sensitive information to a remote repository. Sensitive information can include, but is not limited to:

- Passwords
- SSH keys
- [AWS access keys](#)
- API keys
- Credit card numbers
- PIN numbers

For more information, see "[Removing sensitive data from a repository](#)."

- 1 [Create a new repository](#) on GitHub. To avoid errors, do not initialize the new repository with `README`, license, or `gitignore` files. You can add these files after your project has been pushed to GitHub.

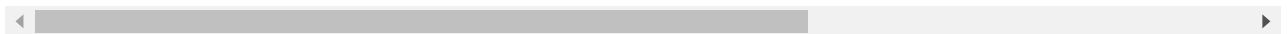


- 2 Open Terminal.
- 3 Change the current working directory to your local project.
- 4 Initialize the local directory as a Git repository.

```
$ git init
```

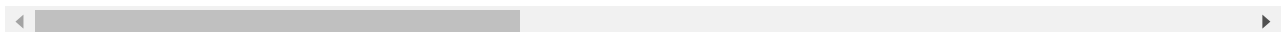
- 5 Add the files in your new local repository. This stages them for the first commit.


```
$ git add .  
# Adds the files in the local repository and stages them for commit. To unst
```

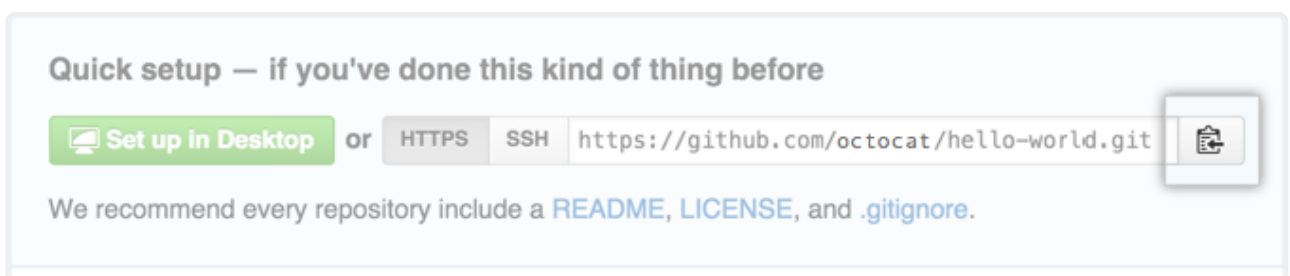


- 6 Commit the files that you've staged in your local repository.

```
$ git commit -m "First commit"  
# Commits the tracked changes and prepares them to be pushed to a remote rep
```



- 7 At the top of your GitHub repository's Quick Setup page, click  to copy the remote repository URL.



- 8 In Terminal, [add the URL for the remote repository](#) where your local repository will be pushed.

```
$ git remote add origin remote repository URL  
# Sets the new remote  
$ git remote -v  
# Verifies the new remote URL
```

- 9 [Push the changes](#) in your local repository to GitHub.

```
$ git push origin master  
# Pushes the changes in your local repository up to the remote repository yo
```



Further reading

- ["Adding a file to a repository using the command line"](#)

Ask a human

Can't find what you're looking for?

Contact us



GitHub

Product

[Features](#)[Security](#)[Enterprise](#)[Case Studies](#)[Pricing](#)[Resources](#)

Platform

[Developer API](#)[Partners](#)[Atom](#)[Electron](#)[GitHub Desktop](#)

Support

[Help](#)[Community Forum](#)[Training](#)[Status](#)[Contact GitHub](#)

Company

[About](#)[Blog](#)[Careers](#)[Press](#)[Shop](#)

© 2019 GitHub, Inc. [Terms](#) [Privacy](#)