```
GitHub Docs
```

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**GETTING STARTED** 

USER ACCOUNTS

**PROFILES** 

AUTHENTICATION

MANAGING SUBSCRIPTIONS AND

NOTIFICATIONS ON GITHUB

ORGANIZATIONS AND TEAMS

YOUR ENTERPRISE ACCOUNT

BILLING AND PAYMENTS

WRITING ON GITHUB

CREATING, CLONING, AND ARCHIVING REPOSITORIES

**USING GIT** 

COMMITTING CHANGES TO YOUR PROJECT

COLLABORATING WITH ISSUES AND

MANAGING YOUR WORK ON

CODESPACES

**GITHUB** 

PULL REQUESTS

**BUILDING A STRONG COMMUNITY** 

SEARCHING FOR INFORMATION ON **GITHUB** 

IMPORTING YOUR PROJECTS

Importing source code to GitHub

Importing a repository with GitHub Importer

Updating commit author

the command line

About GitHub Importer

attribution with GitHub Importer Importing a Git repository using

Adding an existing project to GitHub using the command line

Source code migration tools

Working with Subversion on GitHub

ADMINISTERING A REPOSITORY

VISUALIZING REPOSITORY DATA WITH GRAPHS

MANAGING SECURITY **VULNERABILITIES** 

FINDING SECURITY VULNERABILITIES AND ERRORS IN YOUR CODE

MANAGING FILES IN A REPOSITORY

MANAGING LARGE FILES

CUSTOMIZING YOUR GITHUB WORKFLOW

EXTENDING GITHUB

**GITHUB PAGES** 

**GITHUB SPONSORS** TEACHING AND LEARNING WITH

**GITHUB EDUCATION** 

FINDING TALENT WITH GITHUB JOBS

WORKING WITH GITHUB SUPPORT

UNDERSTANDING HOW GITHUB USES AND PROTECTS YOUR DATA

SITE POLICY

GitHub.com / Importing your projects / Importing source code to GitHub /

Adding an existing project to GitHub using the command line

## Adding an existing project to GitHub using the command line

Article version: GitHub.com ∨

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

Windows Linux

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:

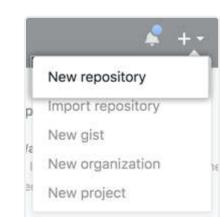
- Passwords
- SSH keys
- AWS access keys
- API keys

PIN numbers

Credit card 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 Git Bash.
- **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 unstage a file,

**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 repository. To

7 At the top of your GitHub repository's Quick Setup page, click  $\Box$  to copy the remote repository



8 In the Command prompt, 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 you specified

## Further reading

"Adding a file to a repository using the command line"