

Creating a Personal Access Token to Authenticate to GitHub



Create Personal Access Token to Authenticate to GitHub

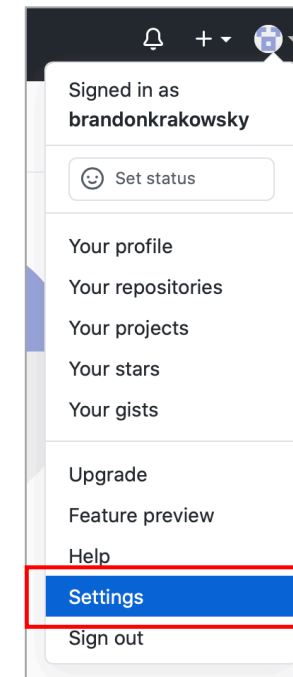
- To work with a remote repository, you need to authenticate to GitHub
 - To do this, you'll need to create a Personal Access Token (PAT)
- First, make sure the email address associated with your account in GitHub is verified



Ref: <https://docs.github.com/en/free-pro-team@latest/github/authenticating-to-github/creating-a-personal-access-token>

Create Personal Access Token to Authenticate to GitHub

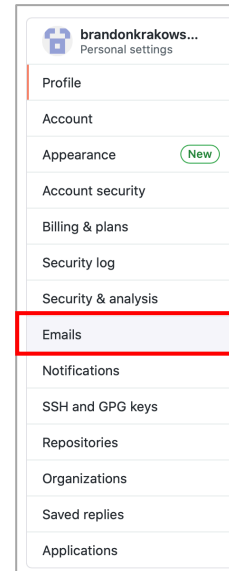
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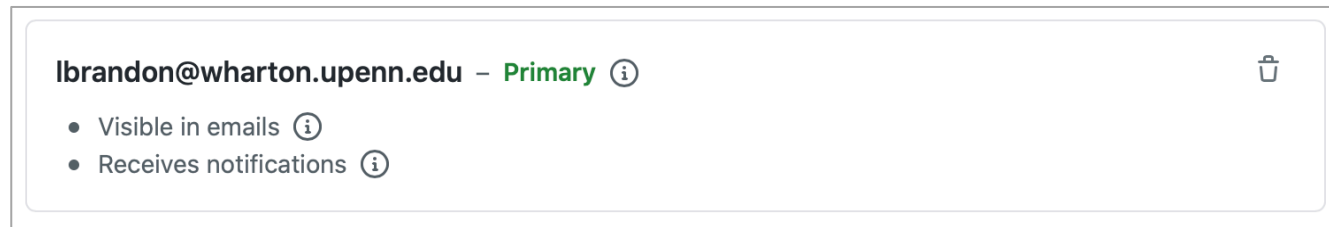
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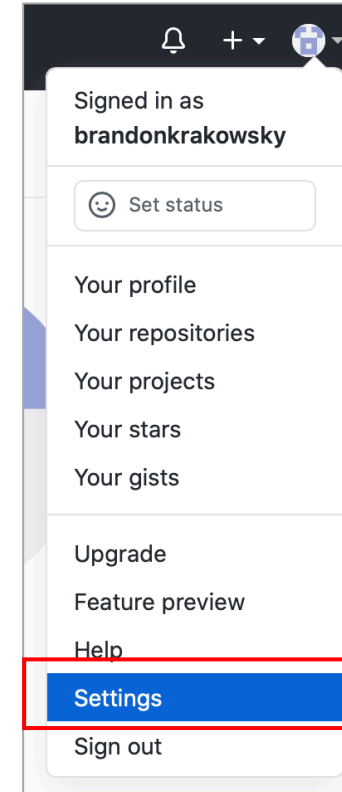
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 - To do this, you'll need to create a Personal Access Token (PAT)
- First, make sure the email address associated with your account in GitHub is verified
- In the upper-right corner of any page, click your profile photo, then click “Settings”
- In the left sidebar, click “Emails”
- Confirm that your email is verified. If not, resend the GitHub verification email and click the link to confirm.



Ref: <https://docs.github.com/en/free-pro-team@latest/github/authenticating-to-github/creating-a-personal-access-token>

Create Personal Access Token to Authenticate to GitHub

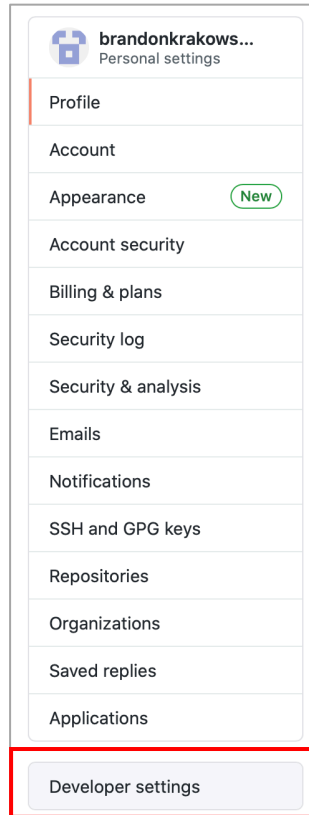
- To create a Personal Access Token (PAT), click “Settings” under your profile photo



Ref: <https://docs.github.com/en/free-pro-team@latest/github/authenticating-to-github/creating-a-personal-access-token>

Create Personal Access Token to Authenticate to GitHub

- In the left sidebar, click “Developer settings”

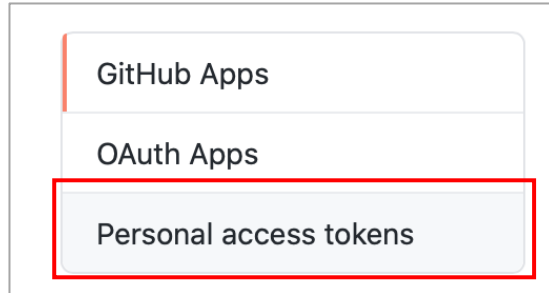


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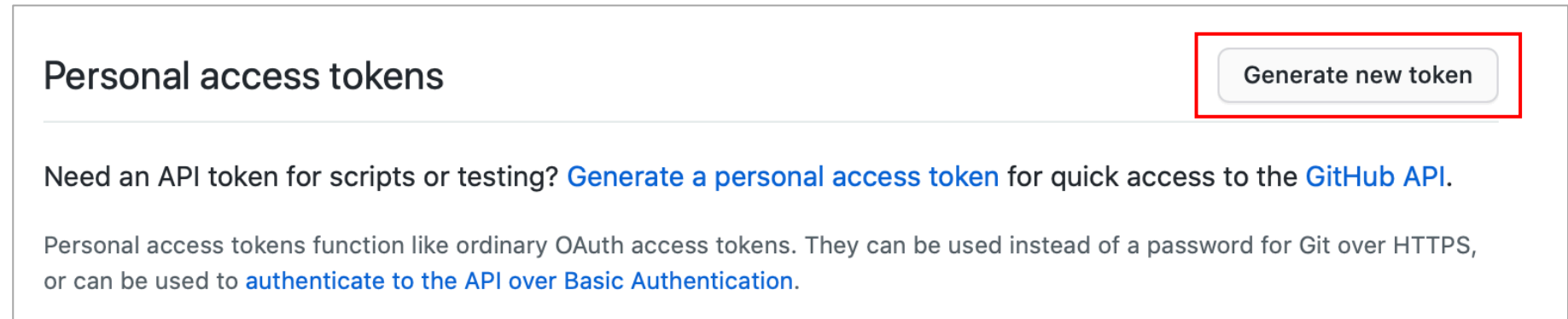


Create Personal Access Token to Authenticate to GitHub

- In the left sidebar, click “Personal access tokens”



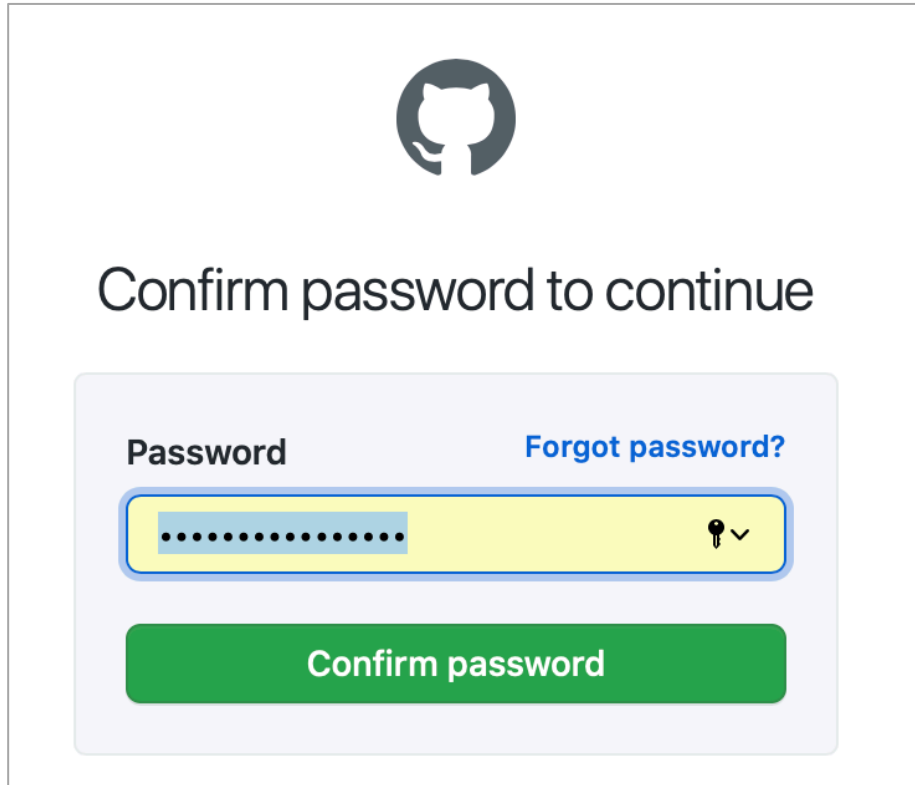
- Click “Generate new token”



Ref: <https://docs.github.com/en/free-pro-team@latest/github/authenticating-to-github/creating-a-personal-access-token>

Create Personal Access Token to Authenticate to GitHub

- If prompted, confirm your password to continue



The image shows a GitHub interface for confirming a password. At the top is the GitHub logo. Below it, the text "Confirm password to continue" is displayed. Underneath is a form with a "Password" label and a "Forgot password?" link. The password input field is highlighted with a yellow background and contains a series of dots. To the right of the input field is a key icon and a checkmark. Below the input field is a green button labeled "Confirm password".

Ref: <https://docs.github.com/en/free-pro-team@latest/github/authenticating-to-github/creating-a-personal-access-token>

Create Personal Access Token to Authenticate to GitHub

- Give your token a descriptive name

New personal access token

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).

Note

What's this token for?

Ref: <https://docs.github.com/en/free-pro-team@latest/github/authenticating-to-github/creating-a-personal-access-token>

Create Personal Access Token to Authenticate to GitHub

- Select the scopes, or permissions, you'd like to grant this token. To use your token to access repositories, select **repo**.

Select scopes

Scopes define the access for personal tokens. [Read more about OAuth scopes.](#)

<input checked="" type="checkbox"/> repo	Full control of private repositories
<input checked="" type="checkbox"/> repo:status	Access commit status
<input checked="" type="checkbox"/> repo_deployment	Access deployment status
<input checked="" type="checkbox"/> public_repo	Access public repositories
<input checked="" type="checkbox"/> repo:invite	Access repository invitations
<input checked="" type="checkbox"/> security_events	Read and write security events

- Click “Generate token”

Generate token

Cancel

Ref: <https://docs.github.com/en/free-pro-team@latest/github/authenticating-to-github/creating-a-personal-access-token>

Create Personal Access Token to Authenticate to GitHub

- Copy your token

Personal access tokens

Generate new tokenRevoke all

Tokens you have generated that can be used to access the [GitHub API](#).

Make sure to copy your new personal access token now. You won't be able to see it again!

✓

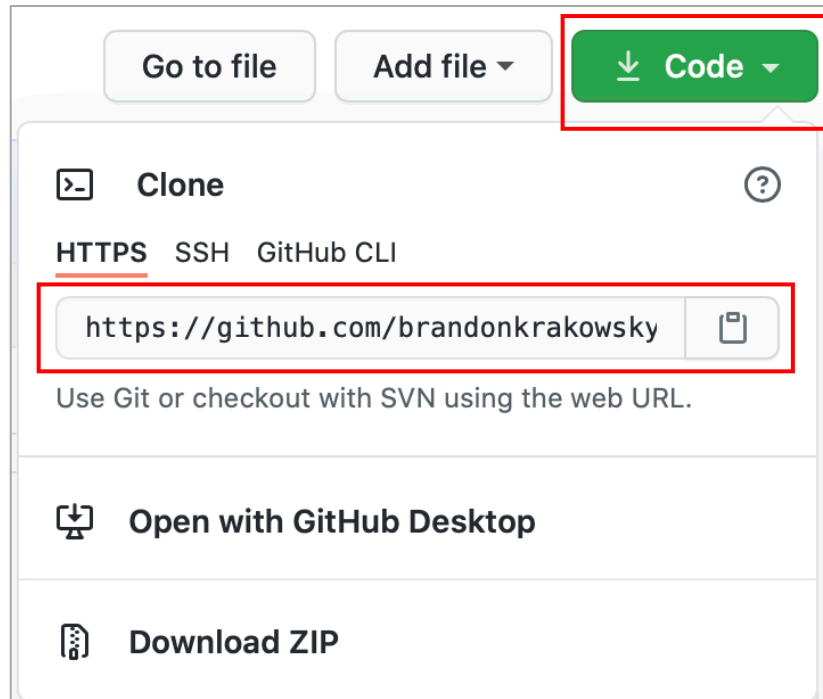
Delete

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).

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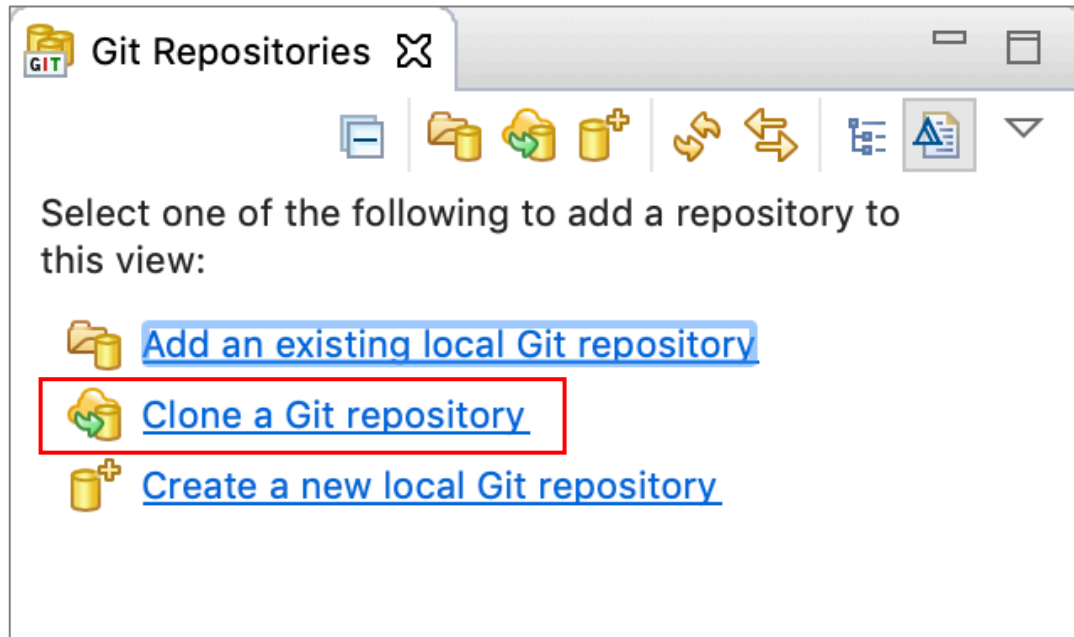
Cloning a Repository from GitHub

- To work with a remote repository, **clone** it to your local machine
- In GitHub, go to your project's repository and click the “Code” button
- To **clone** with HTTPS, copy the given web URL



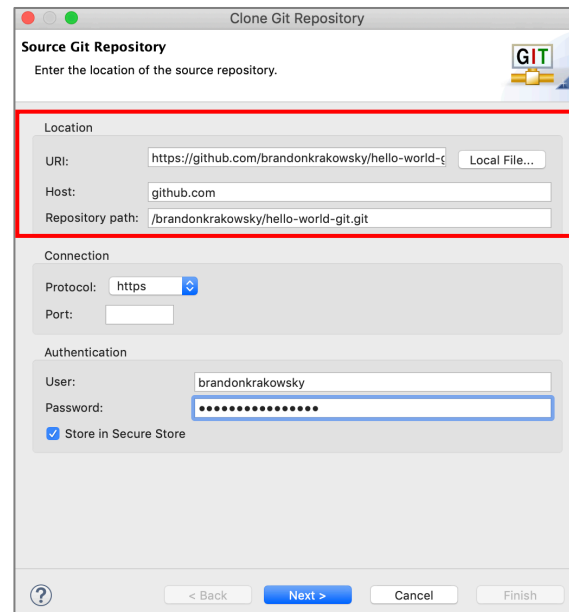
Cloning a Repository in Eclipse

- To clone a remote repository and add it to the “Git Repositories” view, click the “Clone a Git repository” link
- You can also click the “Clone a Git Repository” button



Cloning a Repository in Eclipse

- Paste the web URL for the remote git repository into the Location URI field
 - This should automatically populate other Location fields



Cloning a Repository in Eclipse

- Paste the web URL for the remote git repository into the Location URI field
 - This should automatically populate other Location fields
- Enter the Authentication User and Personal Access Token (PAT) associated with your GitHub account
 - Optionally select the “Store in Secure Store” option

Clone Git Repository

Source Git Repository

Enter the location of the source repository.

Location

URI: Local File...

Host:

Repository path:

Connection

Protocol:

Port:

Authentication

User:

Password:

☒ Store in Secure Store