Creating an access token for command-line use

When it comes to dealing with the API, personal access tokens work the same as OAuth tokens, and can easily be generated on GitHub.

Personal access tokens are useful when it's too cumbersome to provide a client/secret pair for a full application, such as when authenticating to GitHub from Git using HTTPS, or within a command line utility or script.

Every personal access token generated from the UI can have any kind of scope that you grant it. For more technical information on the process of using authorization tokens, see "Create a new authorization" in the GitHub API.

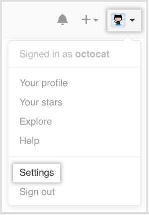
Tips:

You must verify your email address before you can create a personal access token.

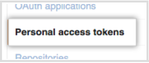
We recommend that you regularly review your authorized applications list. Remove any applications and tokens that haven't been used in a while.

Creating a token

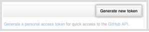
1 In the top right corner of any page, click your profile photo, then click **Settings**.



2 In the user settings sidebar, click **Personal access tokens**.

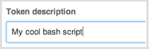


3 Click **Generate new token**.



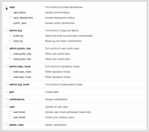
Generate a personal access token for quick access to the GitHub API.

4 Give your token a descriptive name.



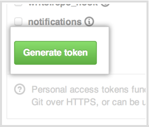
Token description: My cool bash script

5 Select the scopes you wish to grant to this token.



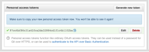
□ repo	Full control of private repositories
□ repo:status	Access commit status
□ repo_deployment	Access deployment status
□ public_repo	Access public repositories
□ admin:org	Full control of orgs and teams
□ write:org	Read and write org and team membership
□ read:org	Read org and team membership
□ admin:public_key	Full control of user public keys
□ write:public_key	Write user public keys
□ read:public_key	Read user public keys
□ admin:repo_hook	Full control of repository hooks
□ write:repo_hook	Write repository hooks
□ read:repo_hook	Read repository hooks
□ admin:org_hook	Full control of organization hooks
□ gist	Create gists
□ notifications	Access notifications
□ user	Update all user data
□ user:email	Access user email addresses (read-only)
□ user:follow	Follow and unfollow users
□ delete_repo	Delete repositories

6 Click **Generate token**.



Personal access tokens func
Git over HTTPS, or can be u

7 Copy the token to your clipboard. For security reasons, after you navigate off this page, no one will be able to see the token again.



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

✓ 97ccbbf86c31a42fca2de32884cd1f1c4b1102ba

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.

> Remember to **keep your tokens secret**; treat them just like passwords! They act on your behalf when interacting with the API. Don't hardcode them into your programs. Instead, opt to use them as environment variables.

When you're done using your token, feel free to click **Delete** to get rid of it permanently.

Contact a human

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