

Hands-on Lab: Generate GitHub personal access token



Estimated Time : 15 mins

Objectives

The goal of this lab is to create a **personal access token**. Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS.

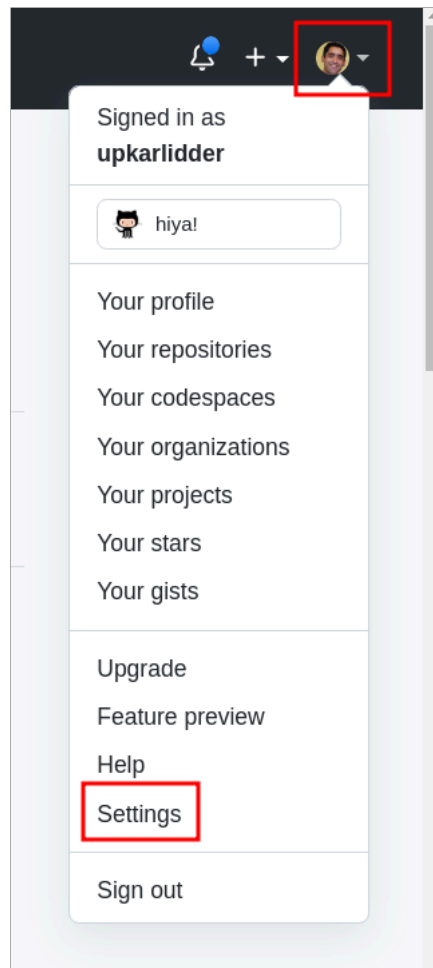
Pre-requisites

This lab requires a Github.com account. Additionally, verify your email address if it hasn't been verified on Github.

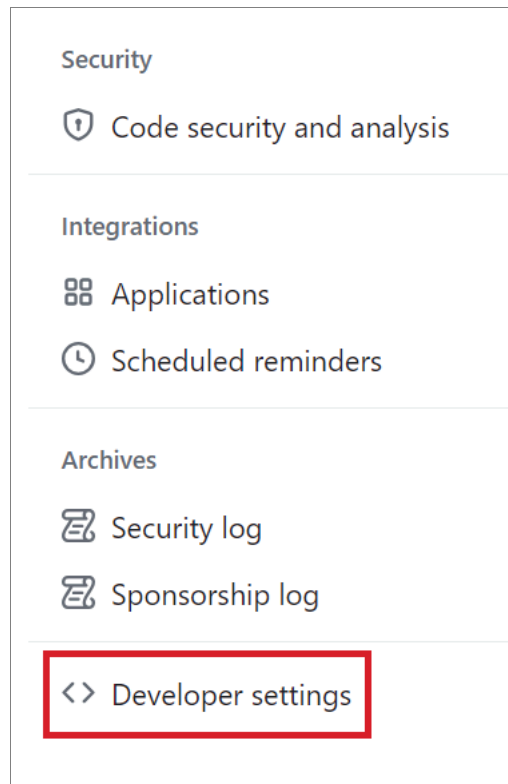
Exercise 1: Generate personal access token

Let's first create a personal access token that you will use as a password with pushing code back to Github.com

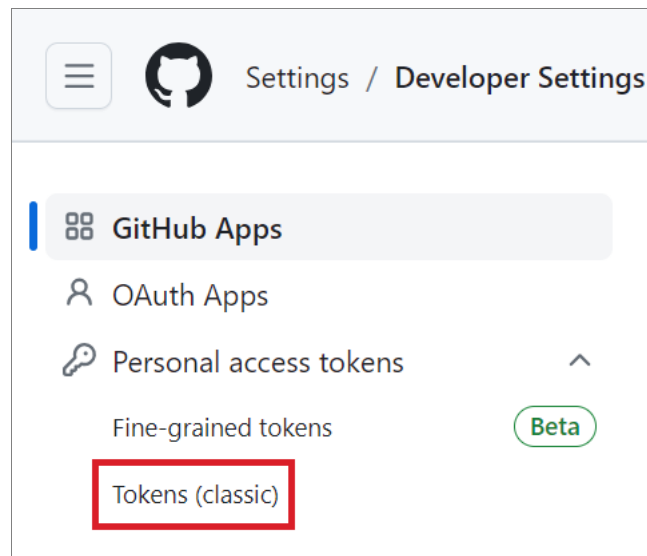
1. Open [GitHub.com](https://github.com). In the upper-right corner of any page, click your profile photo, then click Settings.



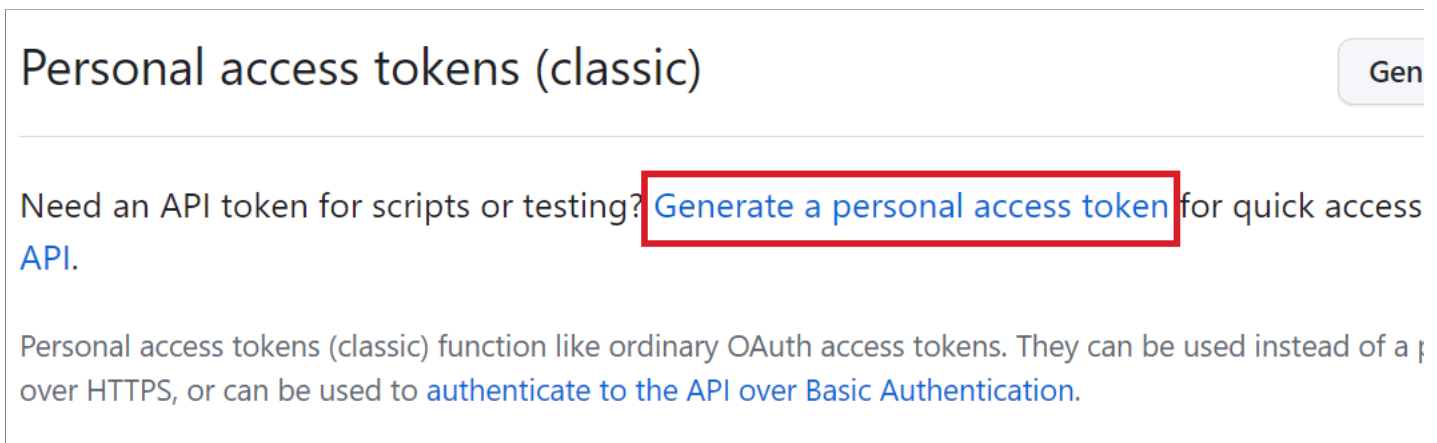
2. Next, select **Developer settings**. This option is typically available towards the bottom of the window.



3. Navigate to **Tokens (classic)** under **Personal access tokens**.



4. To generate an access token, click **Generate a personal access token**.



5. In the **Generate token** page, fill in the required details and click the **repo** checkbox to enable access for git commands.

New personal access token (classic)

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

Note

fecapstone

What's this token for?

Expiration *

30 days



The token will expire on Tue, Sep 5 2023

Select scopes

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



repo

Full control of private repositories



repo:status

Access commit status



repo_deployment

Access deployment status



public_repo

Access public repositories



repo:invite

Access repository invitations



security_events

Read and write security events

6. Then, click **Generate token**.



admin:ssh_signing_key

Full control of public user SSH signing keys



write:ssh_signing_key

Write public user SSH signing keys



read:ssh_signing_key

Read public user SSH signing keys

Generate token

Cancel

7. Your personal access token will be generated. The token is only valid for **30 days**. You will need to generate a new token once the current token expires.

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

Author

