Hands-on Lab: Generate GitHub personal access token

Skills Network

Estimated Time : 15 mins

Objectives

The goal of this lab is the 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.
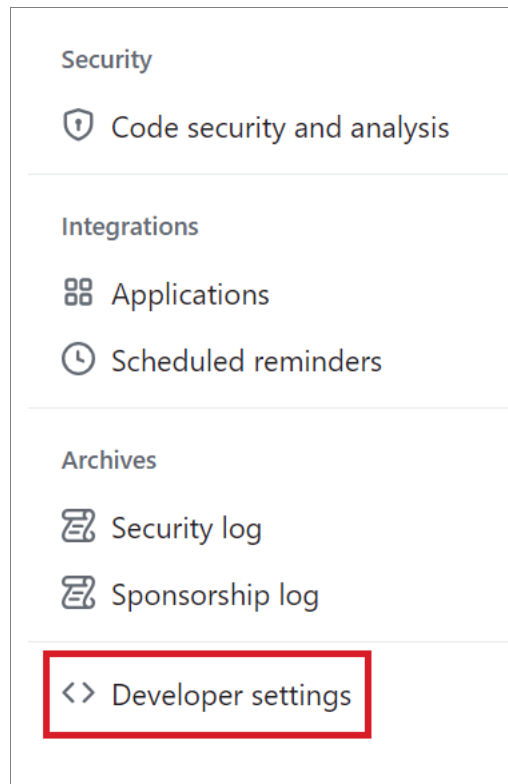
Exercise 1: Generate personal access token

Let's first create a personal access token that you will use as a password with pushing code back to GitHub.com
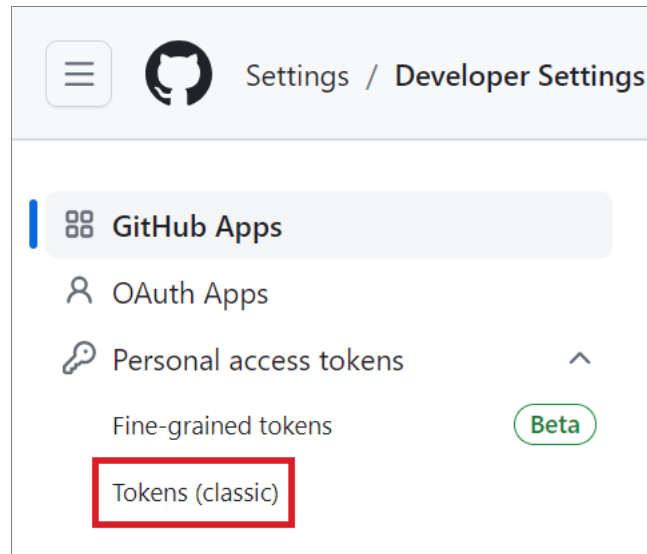
1. Open GitHub.com. In the upper-right corner of any page, click your profile photo, then click Settings.
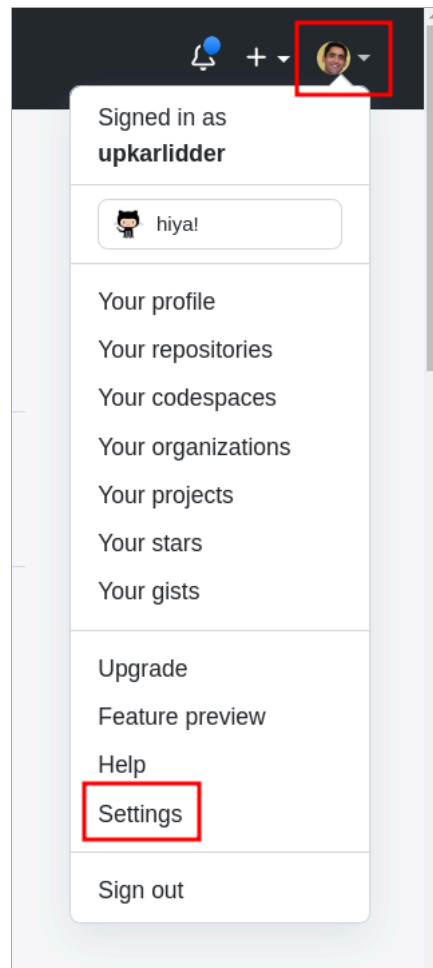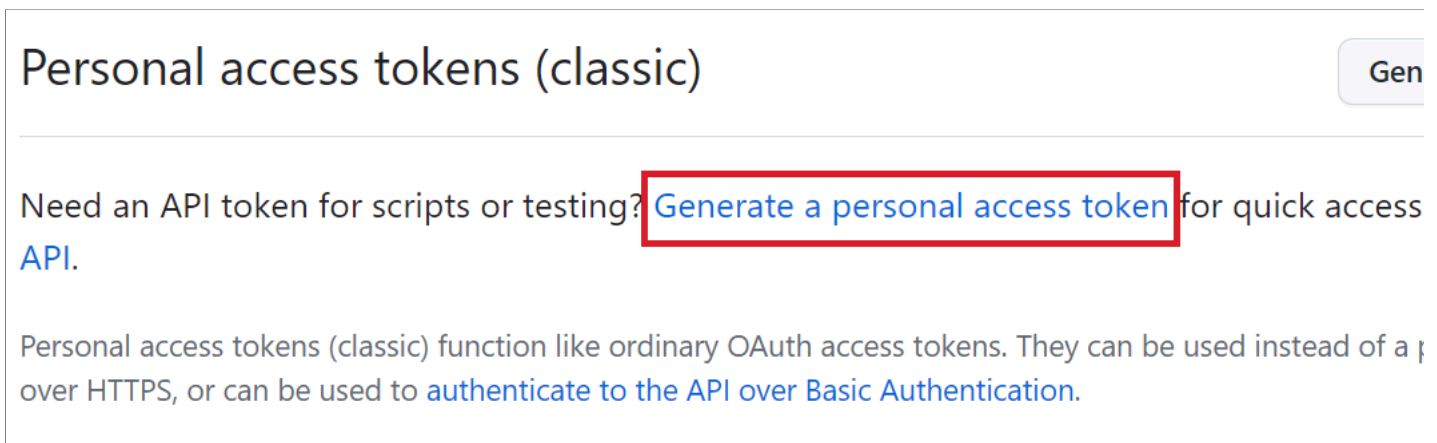

2. Next, select **Developer settings**. This option is typically available towards the bottom of the window.

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 u: password for Git over HTTPS, or can be used to authenticate to the API over Basic Authen

Note

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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

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