Setting Up GitHub Personal Access Token

September 27, 2021

1. Navigate to `https://github.com` and log in.

2. In the GitHub home screen, click your avatar in the upper right corner of the screen then click settings on the menu that appears (see Fig. 1a).

3. In the Settings screen, select *Developer settings* on the left side of the screen toward the bottom (see Fig. 1b).

4. In the Developer Settings screen, click *Personal access tokens* (see Fig. 1c).

5. In the Personal Access Tokens screen, click *Generate new token* (see Fig. 1d).

6. In the New Personal Access Token screen (Fig. 1e):

   - Set the *Note* field to be the name of your new token. I called mine *264 Raspberry Pi*.
   - Set the expiration to *No expiration.*
   - In the *Select scopes* list, check *repo.* You don't need to check any of the other options like *workflow*, *write:packages*, etc.

   Then at the bottom of that screen, click the *Generate token* button.

7. After you generate your new token, you will be taken back to the *Personal Access Tokens* screen, and your new token will be shown at the top of the screen in a green box (Fig. 1f). Copy your new token by clicking the little button (⧉) right next to it.

8. You can save your new personal access token locally on your Pi so you don't have to keep typing it in every time you push or clone repos.

   ```
   pi@raspberrypi ~ $ git config --global credential.helper store
   ```
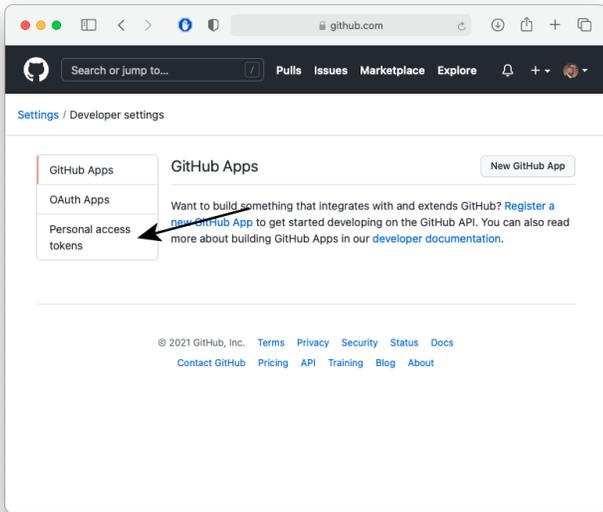
   The next time you push or clone a repo from GitHub, you will be prompted for your username and personal access token. After that, git will remember your credentials, and you won't have to type them again.
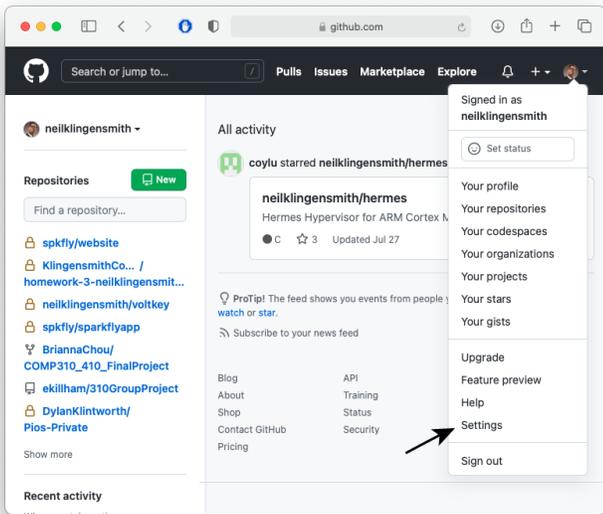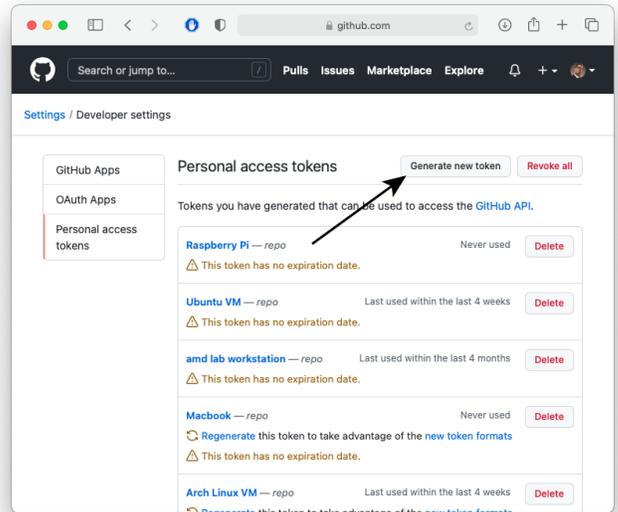
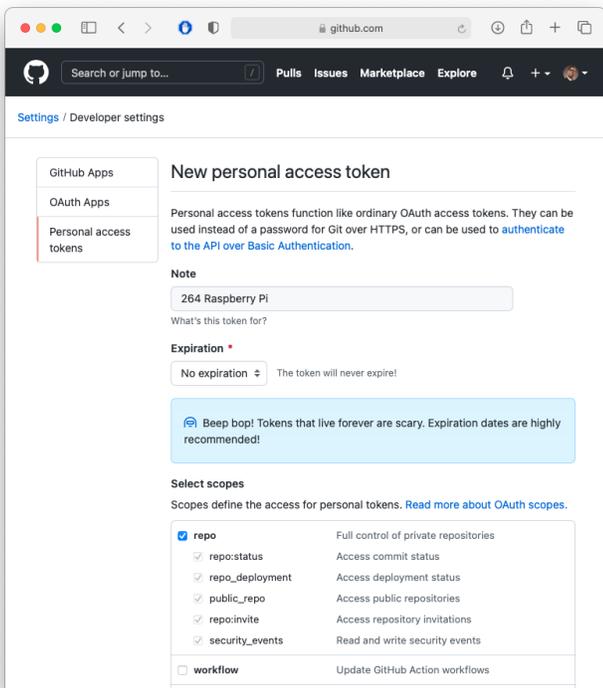(a) Find the settings menu on the GitHub home screen.
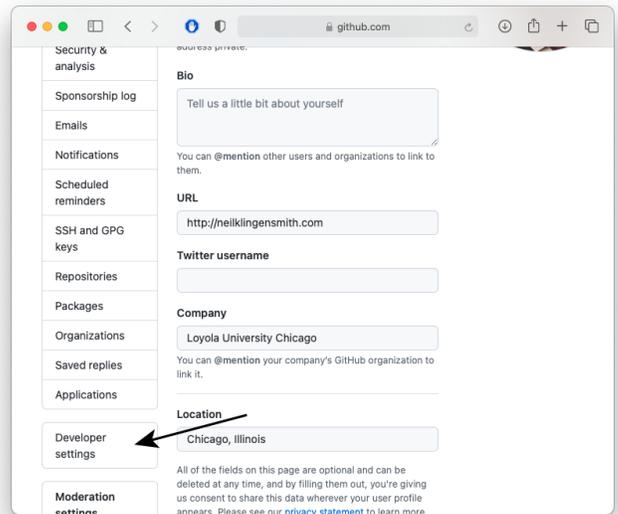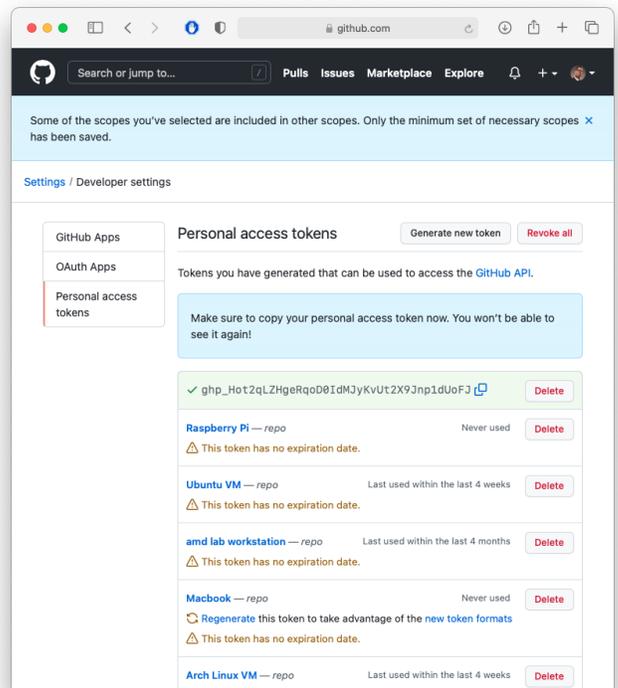

(b) Select Developer Settings.

(c) Select Personal Access Tokens.

(d) Click *Generate new token.*

(e) Settings for the new personal access token.

(f) A newly generated personal access token.

Figure 1: Creating a GitHub Personal Access Token.