

Setting up the Personal Access Token for use with Android Studio

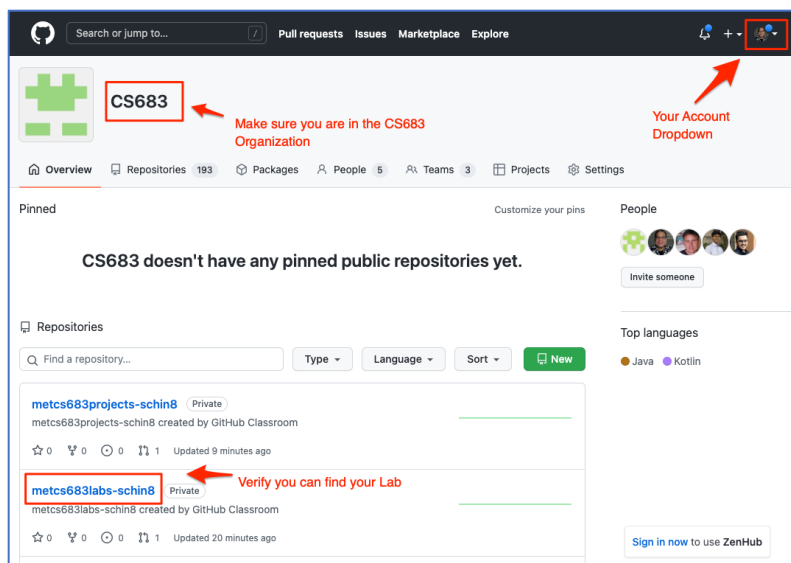
The following instructions are for setting up Android Studio to use a personal access token to access your GitHub files.

Assumptions

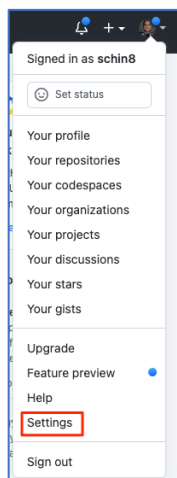
You have accepted the lab or the assignment, and you are able to log into GitHub. In this example we will be using your lab repository.

Step 1 – Setup your GitHub Personal Access Token

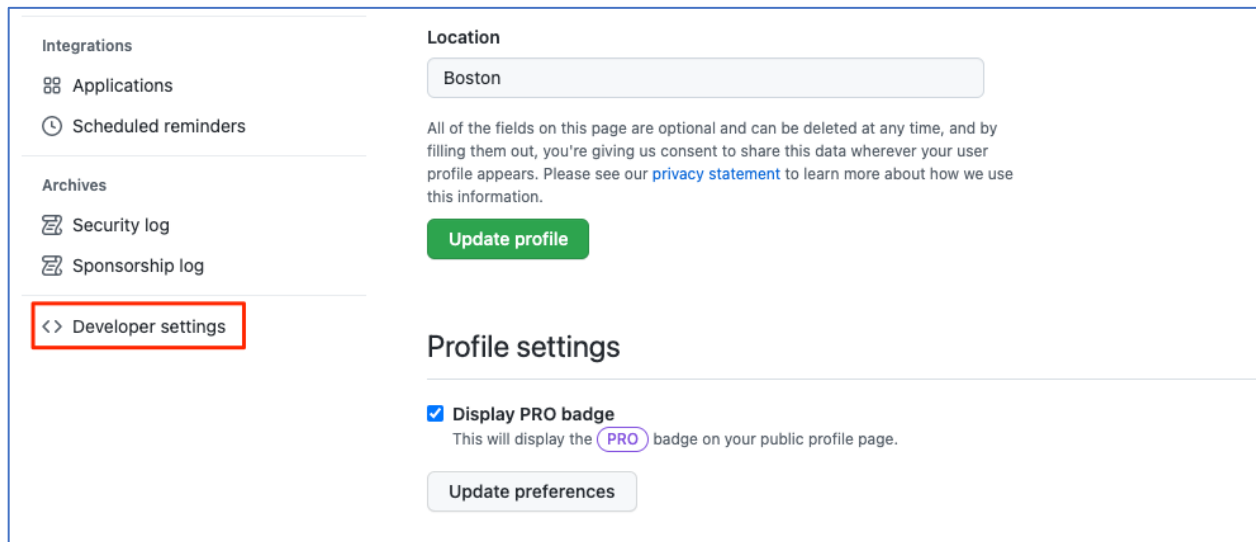
Open GitHub and verify that you see the Lab created from the Assignments page. Find the Account dropdown and click it.



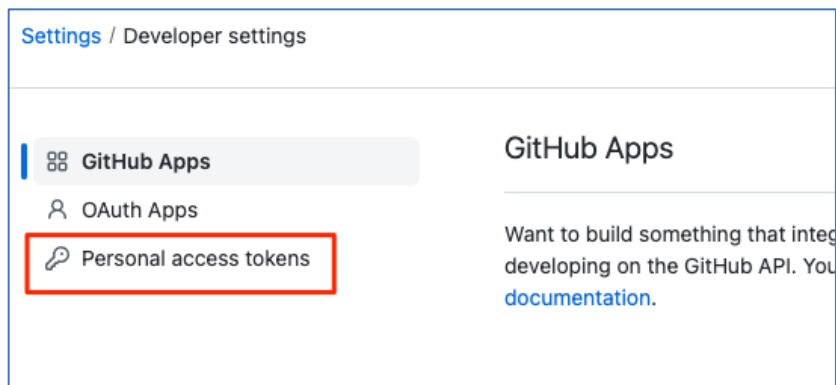
Find the Settings Menu option and click it.



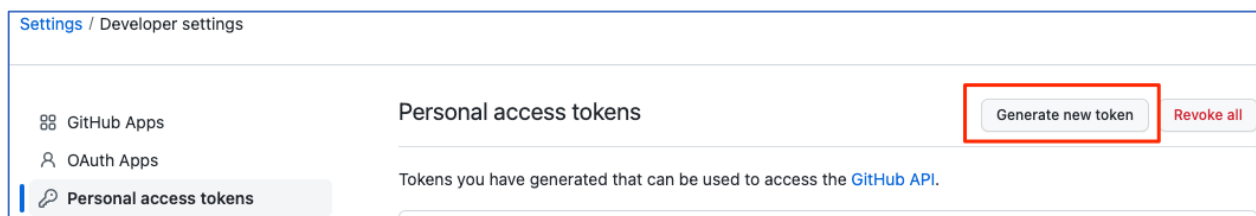
At the settings page, scroll to the end of the page to find the menu '< > Developer Settings' and click it.



At the Developer Settings screen, click the 'Personal access tokens' menu



Click the 'Generate new token' button



You will now see the 'New personal access token' page, fill in the page so with the following information. Make sure to select the 'repo' option. Click the 'Generate token button'

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

AndroidStudioToken

What's this token for?

Expiration *

90 days

 The token will expire on Sat, Jun 11 2022

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
<input checked="" type="checkbox"/> workflow	Update GitHub Action workflows
<input type="checkbox"/> write:packages	Upload packages to GitHub Package Registry
<input type="checkbox"/> read:packages	Download packages from GitHub Package Registry
<input type="checkbox"/> delete:packages	Delete packages from GitHub Package Registry
<input type="checkbox"/> admin:org	Full control of orgs and teams, read and write org projects
<input type="checkbox"/> write:org	Read and write org and team membership, read and write org projects
<input checked="" type="checkbox"/> read:org	Read org and team membership, read org projects
<input type="checkbox"/> admin:public_key	Full control of user public keys
<input type="checkbox"/> write:public_key	Write user public keys
<input type="checkbox"/> read:public_key	Read user public keys
<input type="checkbox"/> admin:repo_hook	Full control of repository hooks
<input type="checkbox"/> write:repo_hook	Write repository hooks
<input type="checkbox"/> read:repo_hook	Read repository hooks
<input type="checkbox"/> admin:org_hook	Full control of organization hooks
<input checked="" type="checkbox"/> gist	Create gists
<input type="checkbox"/> notifications	Access notifications
<input type="checkbox"/> user	Update ALL user data
<input type="checkbox"/> read:user	Read ALL user profile data
<input type="checkbox"/> user:email	Access user email addresses (read-only)
<input type="checkbox"/> user:follow	Follow and unfollow users
<input type="checkbox"/> delete_repo	Delete repositories
<input type="checkbox"/> write:discussion	Read and write team discussions
<input checked="" type="checkbox"/> read:discussion	Read team discussions
<input type="checkbox"/> admin:enterprise	Full control of enterprises
<input type="checkbox"/> manage_runners:enterprise	Manage enterprise runners and runner-groups
<input type="checkbox"/> manage_billing:enterprise	Read and write enterprise billing data
<input type="checkbox"/> read:enterprise	Read enterprise profile data
<input type="checkbox"/> admin:gpg_key	Full control of public user GPG keys (Developer Preview)
<input type="checkbox"/> write:gpg_key	Write public user GPG keys
<input type="checkbox"/> read:gpg_key	Read public user GPG keys

Generate token

Cancel

Selecting repo will
select all the
options




You will see your new personal access token, make sure to copy it and save it to a secure location. You can use the copy to clipboard button to copy the new token. Make sure you have a copy of this token, once you leave this page you won't see it again.

Personal access tokens

Generate new tokenRevoke all

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

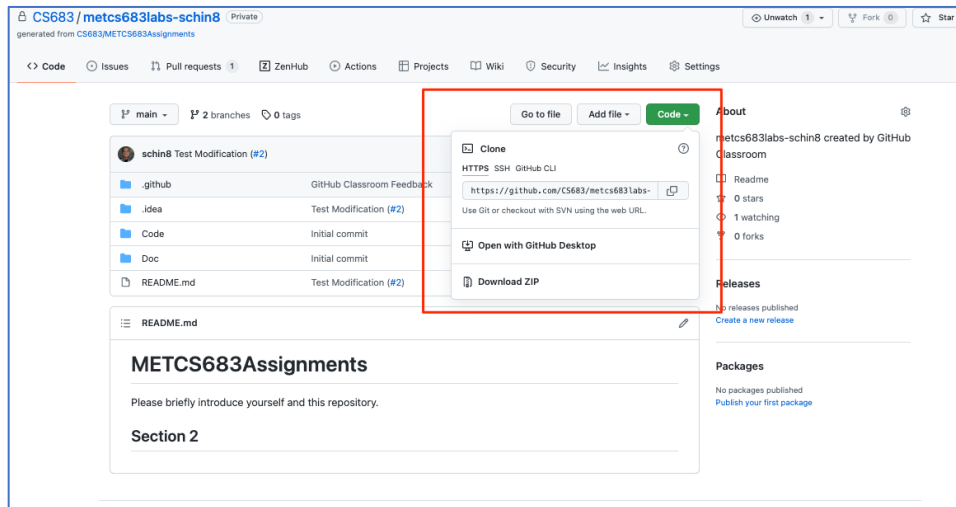
Make sure to copy your personal access token now. You won't be able to see it again!

✓ [redacted] 	Delete
 — public access Expires on Sat, Jun 11 2022.	Last used within the last week Delete
 — gist, read:org, repo, workflow, write:discussion Expires on Sat, Jun 11 2022.	Last used within the last week Delete

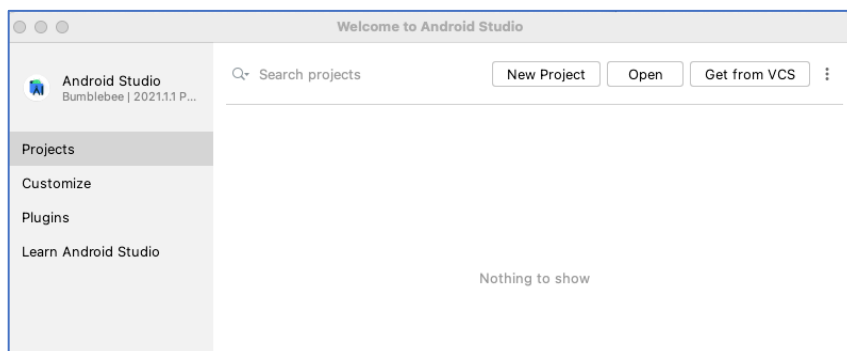
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Using the Personal Access Token

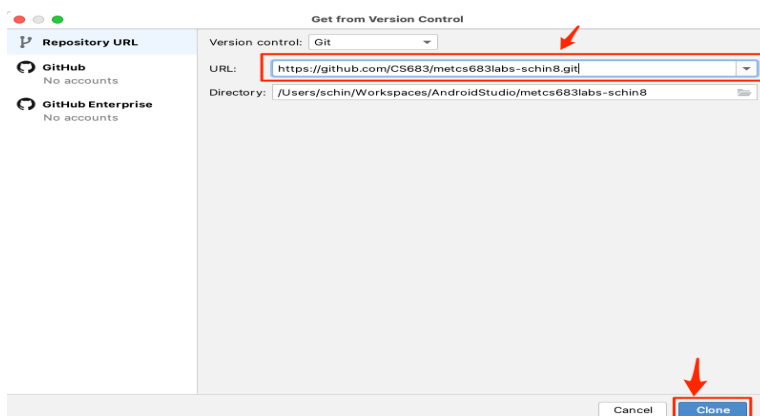
Copy the HTTPS URL from the Code button of your project, copy the URL.



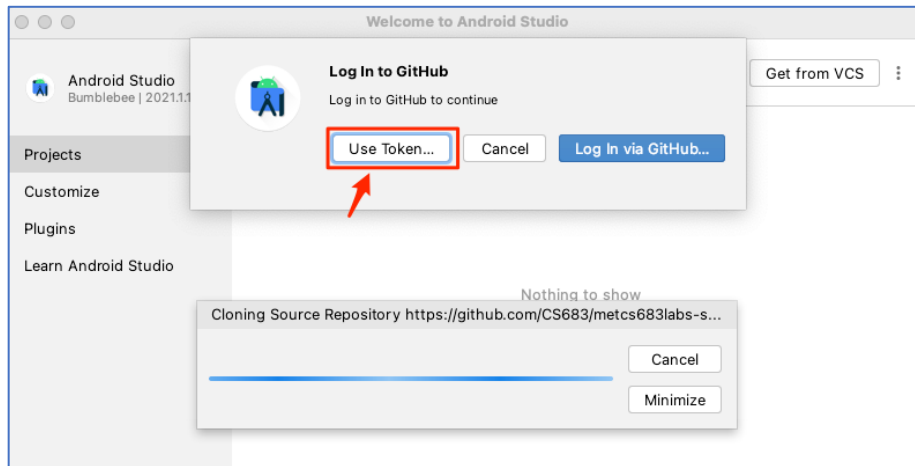
Startup Android Studio, at the 'Welcome to Android Studio' screen find the 'Get from VCS' button and click it.



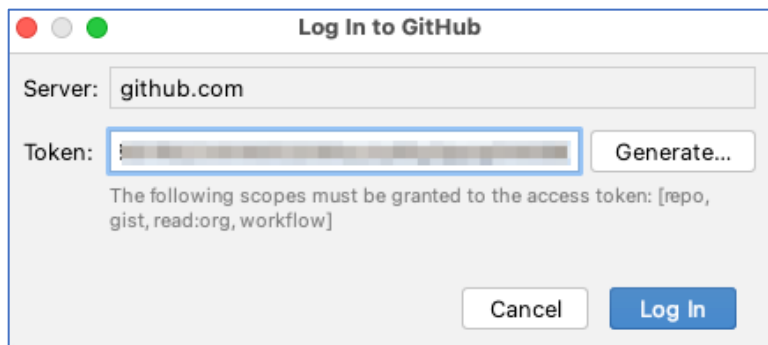
Paste the URL into the URL edit box, and click the 'clone' button on the bottom of the screen



Android studio will now ask that you login, make sure to click the 'Use Token...' button



Enter the token (you should be able to paste it)



Click Login and you're done!