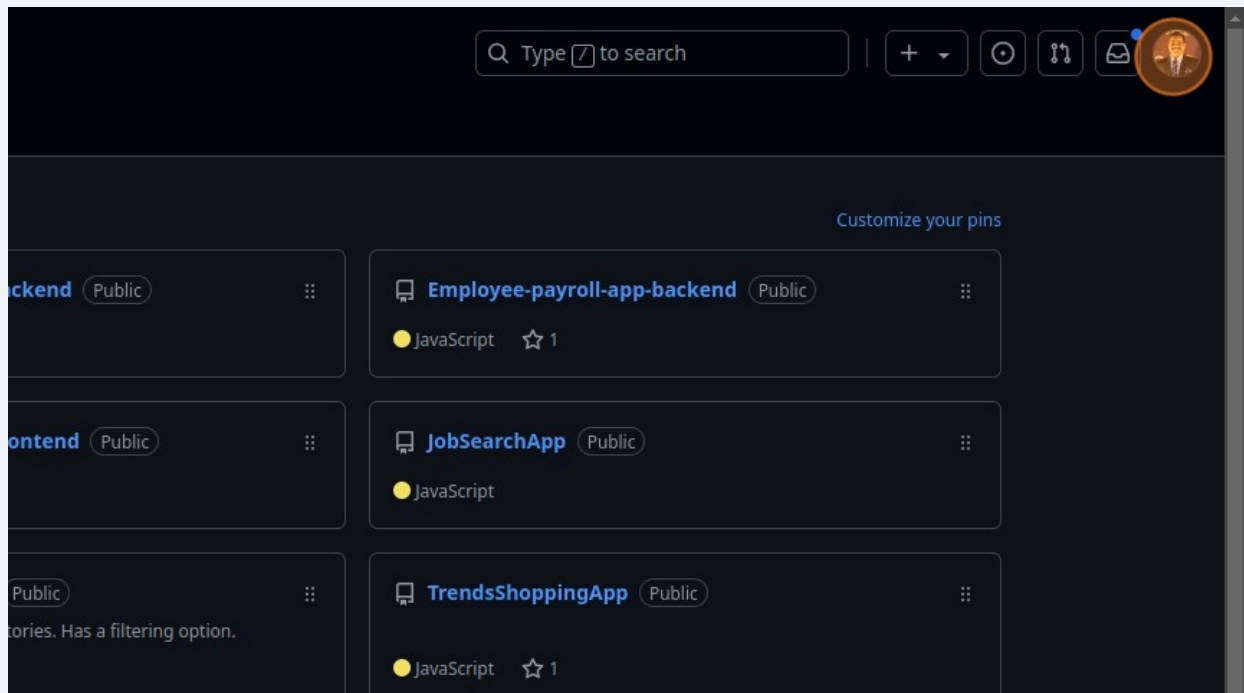


Generate GitHub Personal Access Token Step By Step

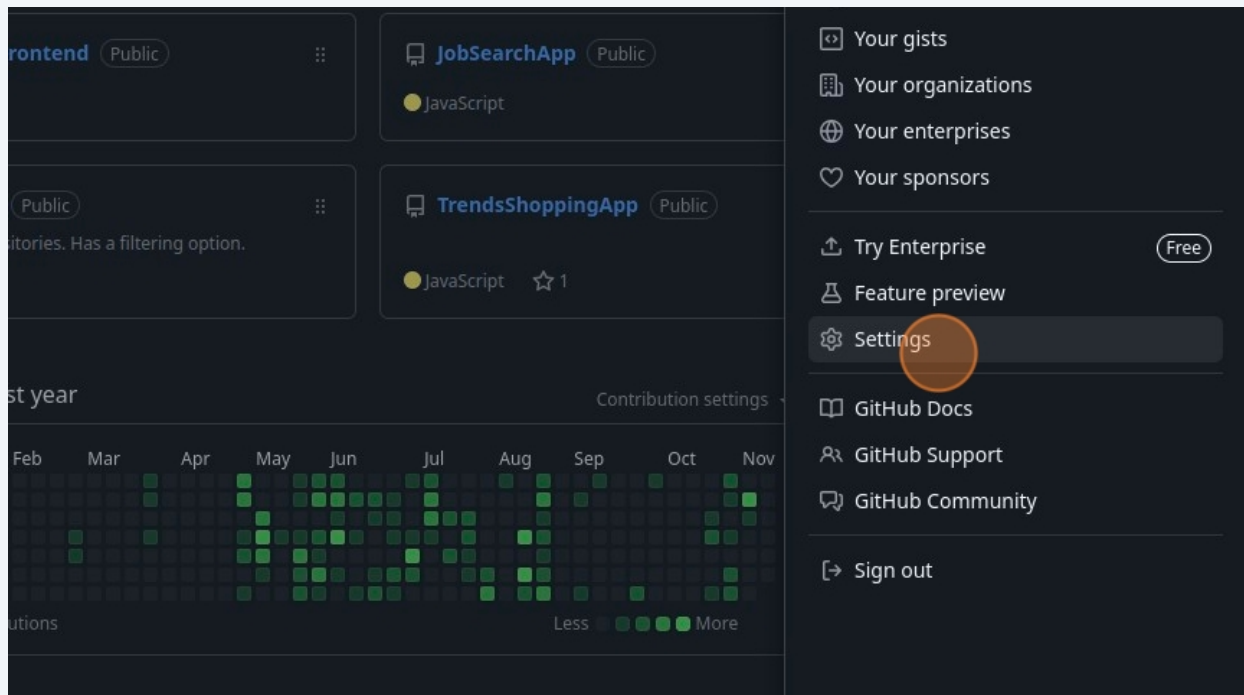
1 Navigate to <https://github.com>

2 Login to your account

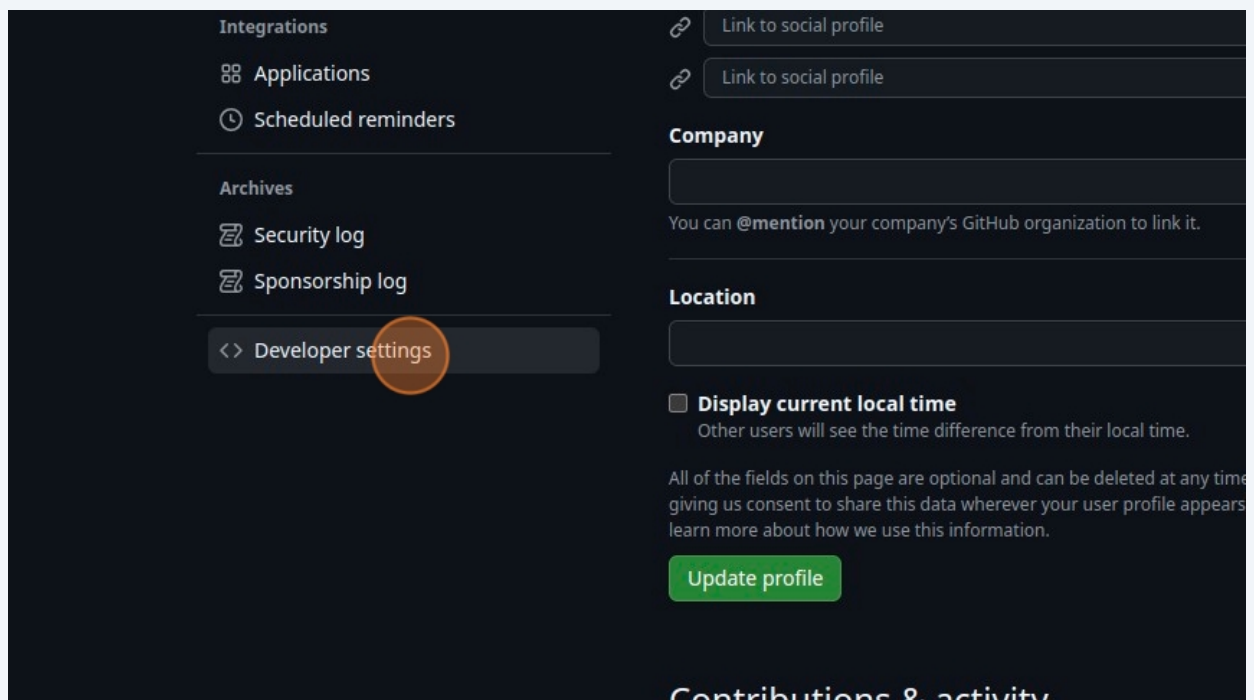
3 Click on profile image



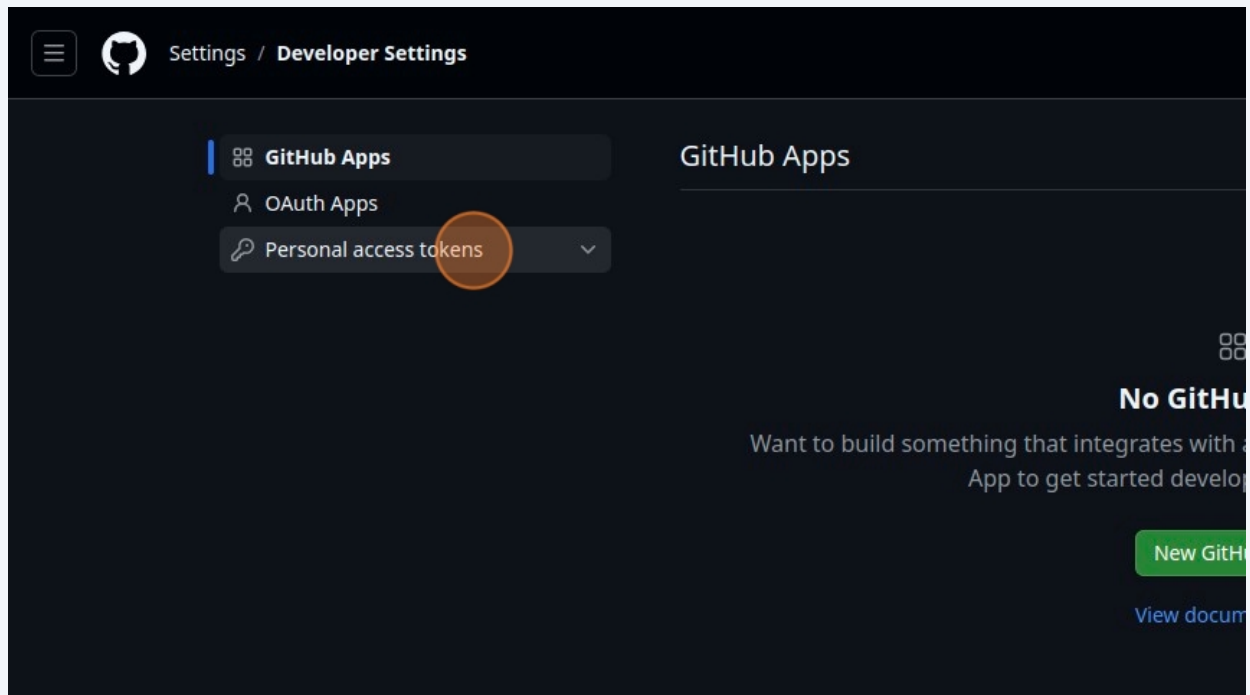
4 Click "Settings"



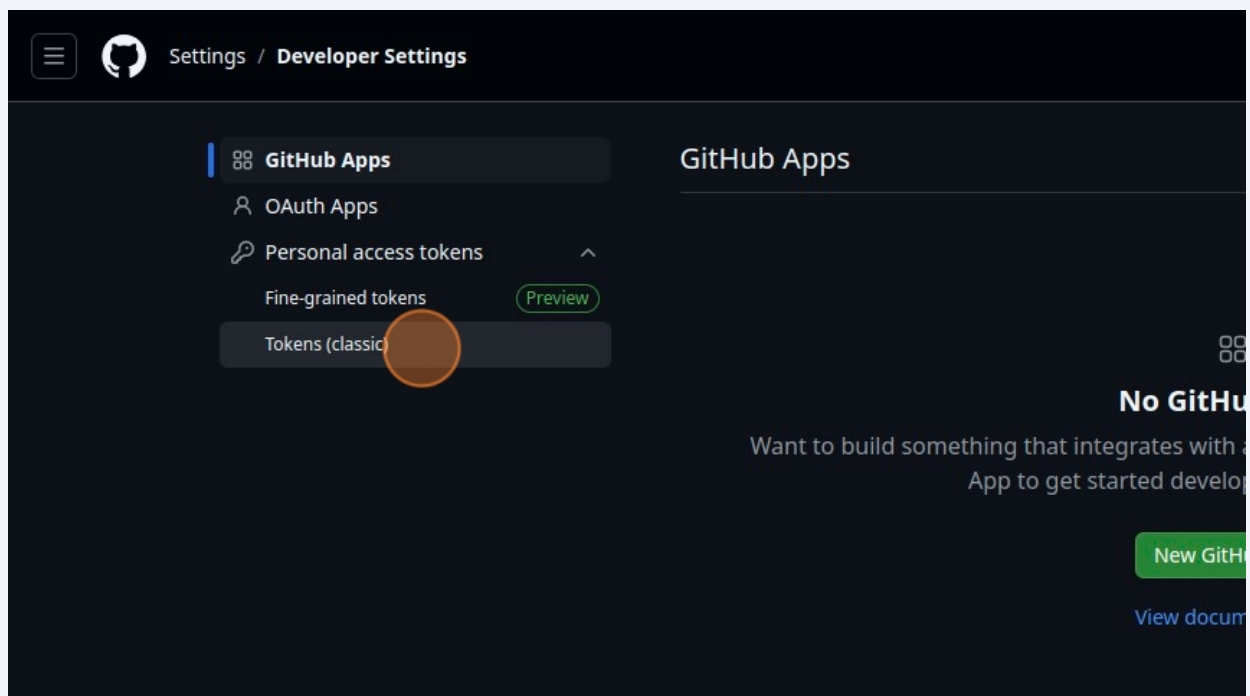
5 Click "Developer settings"



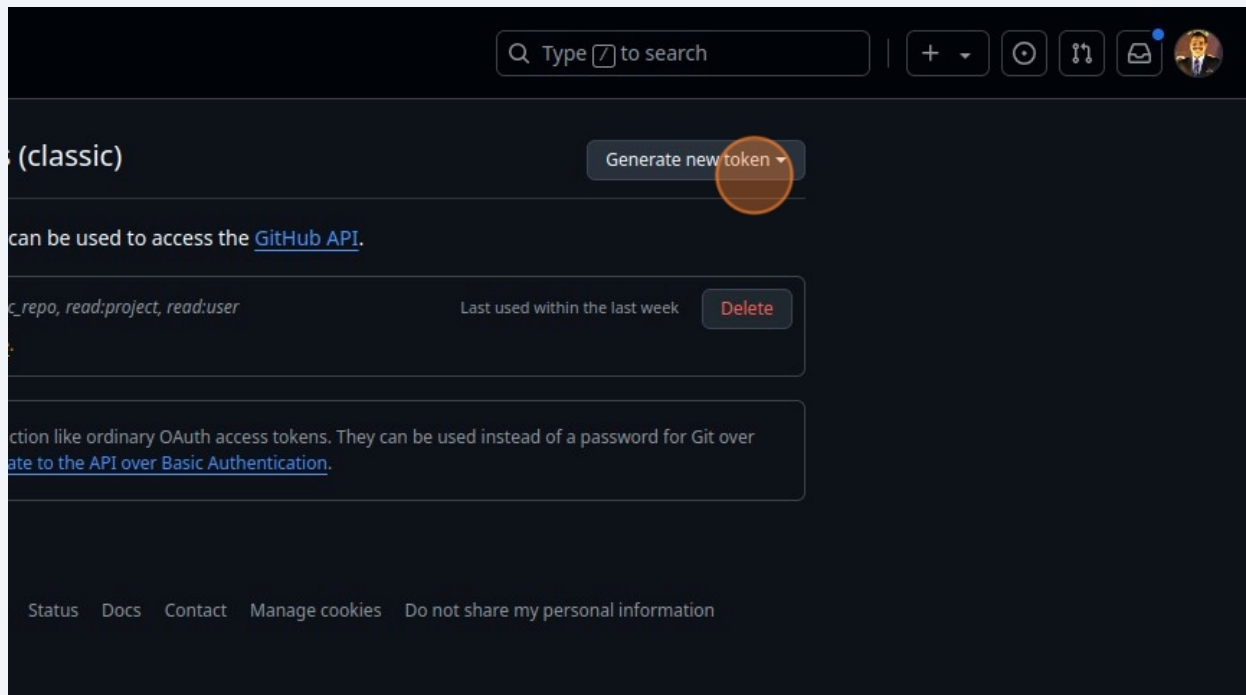
6 Click "Personal access tokens"



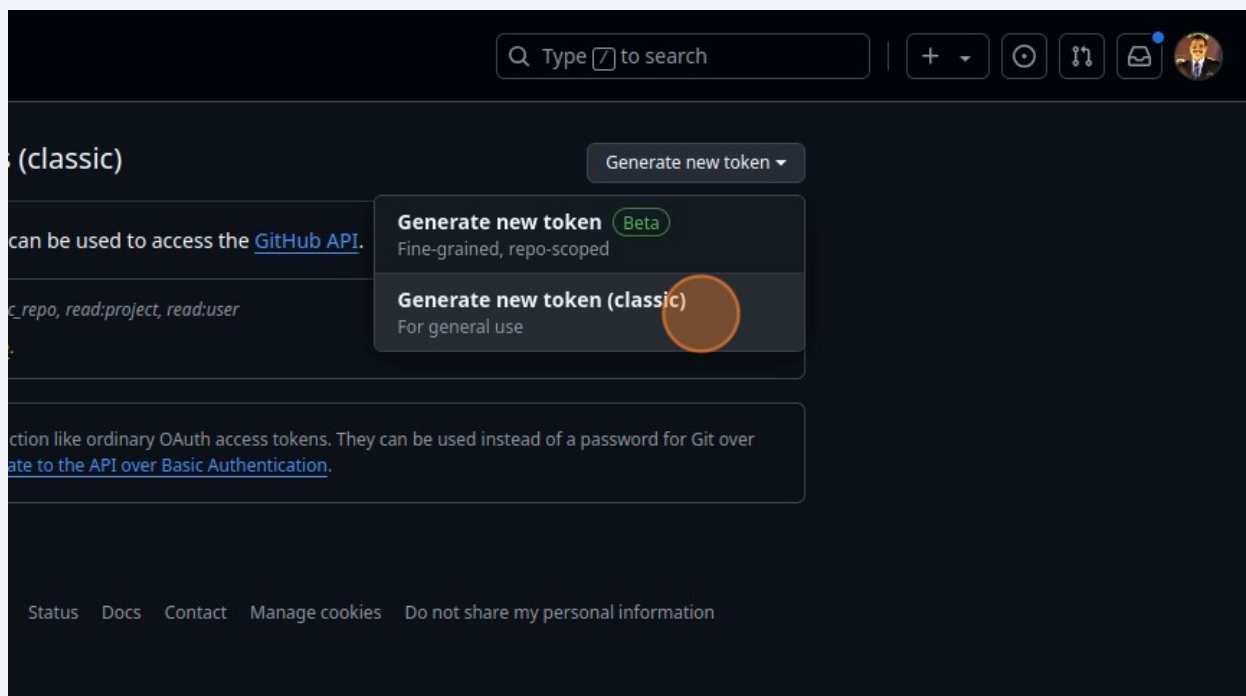
7 Click "Tokens (classic)"



8 Click "Generate new token"



9 Click "Generate new token (classic)"



10 Give a name to the token

11 set validity to the token as required. (optional: Keep it default)

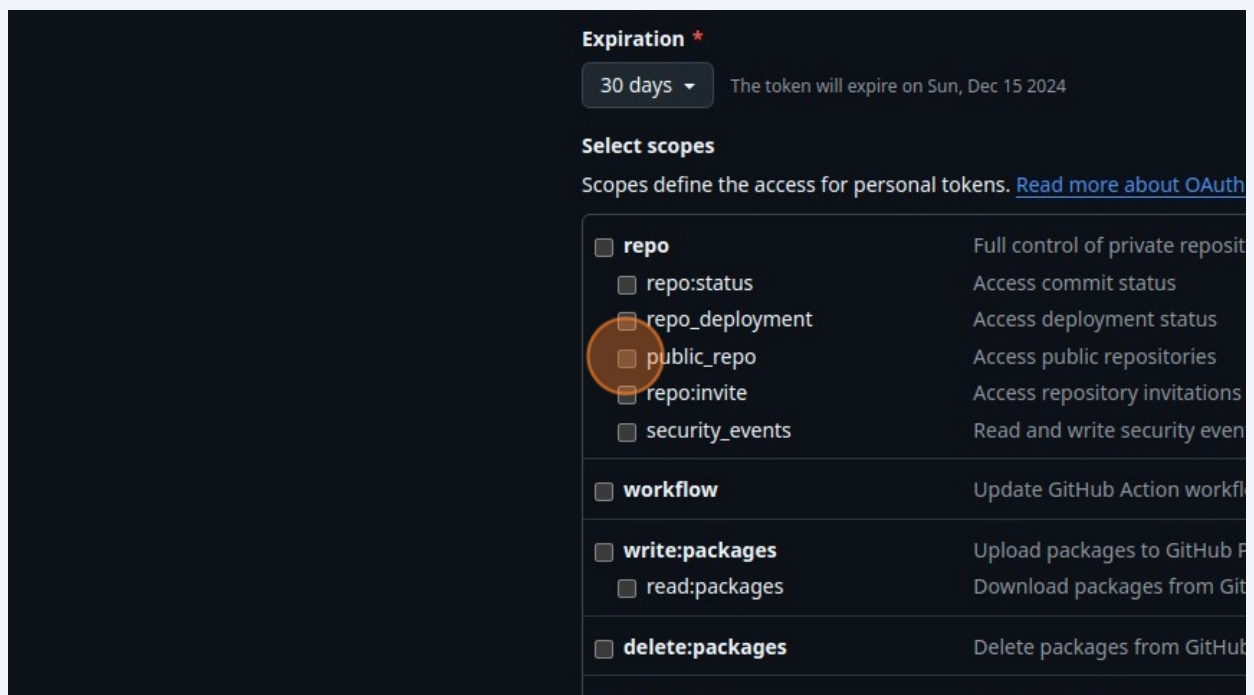
The screenshot shows the GitHub 'Personal access tokens (classic)' creation page. On the left, a sidebar lists 'OAuth Apps', 'Personal access tokens' (selected), 'Fine-grained tokens' (with a 'Preview' button), and 'Tokens (classic)'. The main content area has a heading 'Personal access tokens (classic) function like ordinary OAuth access tokens. They can be used to authenticate to the API over Basic Auth for Git over HTTPS, or can be used to [authenticate to the API over Basic Auth](#)'. Below this is a 'Note' section with a text input field containing 'My_Access_Token' and a label 'What's this token for?'. The 'Expiration' section shows a dropdown menu with '30 days' selected, highlighted by an orange circle. To the right of the dropdown, it says 'The token will expire on Sun, Dec 15 2024'. Below this is the 'Select scopes' section, which states 'Scopes define the access for personal tokens. [Read more about OAuth scope](#)'. A table of scopes is shown with checkboxes:

Scope	Description
<input type="checkbox"/> repo	Full control of private repositories
<input type="checkbox"/> repo:status	Access commit status
<input type="checkbox"/> repo_deployment	Access deployment status
<input type="checkbox"/> public_repo	Access public repositories
<input type="checkbox"/> repo:invite	Access repository invitations
<input type="checkbox"/> security_events	Read and write security events

12 Give Read access to the token

13 Click the "public_repo"

Access public repositories" field.



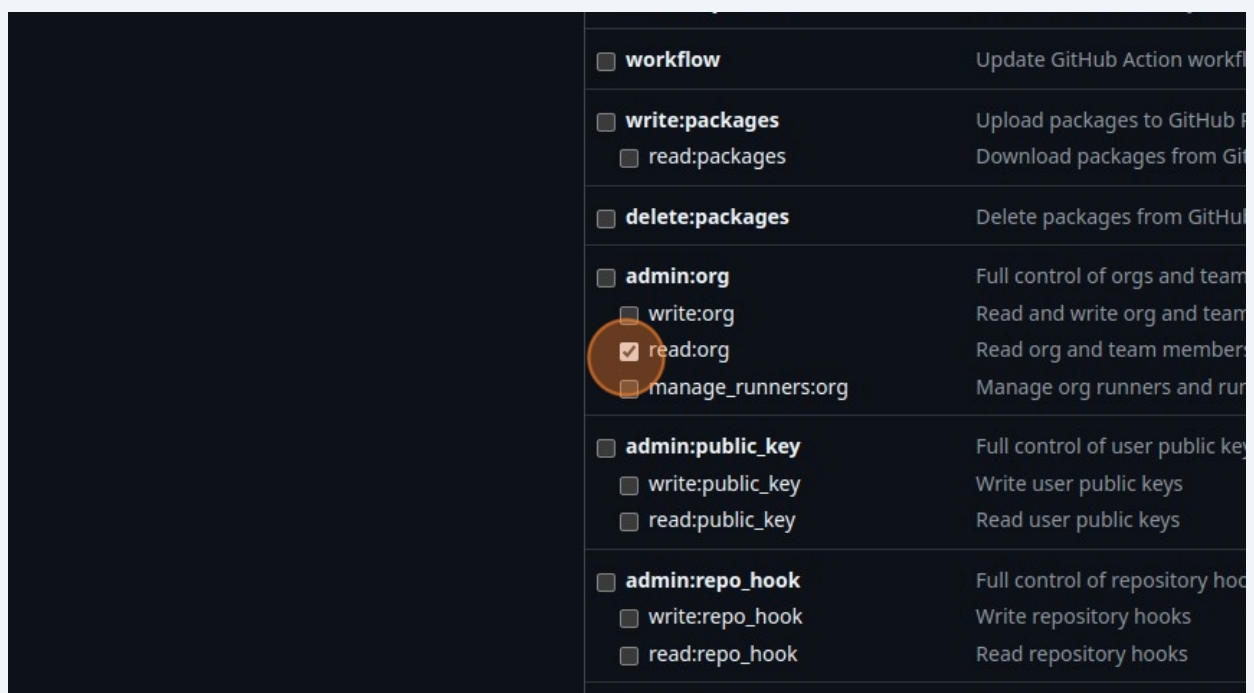
Expiration *
30 days ▾ The token will expire on Sun, Dec 15 2024

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

<input type="checkbox"/> repo	Full control of private repositories
<input type="checkbox"/> repo:status	Access commit status
<input type="checkbox"/> repo_deployment	Access deployment status
<input checked="" type="checkbox"/> public_repo	Access public repositories
<input type="checkbox"/> repo:invite	Access repository invitations
<input type="checkbox"/> security_events	Read and write security events
<input type="checkbox"/> workflow	Update GitHub Action workflows
<input type="checkbox"/> write:packages	Upload packages to GitHub Packages
<input type="checkbox"/> read:packages	Download packages from GitHub Packages
<input type="checkbox"/> delete:packages	Delete packages from GitHub Packages

14 Click the "read:org"

Read org and team membership, read org projects" field.



<input type="checkbox"/> workflow	Update GitHub Action workflows
<input type="checkbox"/> write:packages	Upload packages to GitHub Packages
<input type="checkbox"/> read:packages	Download packages from GitHub Packages
<input type="checkbox"/> delete:packages	Delete packages from GitHub Packages
<input type="checkbox"/> admin:org	Full control of orgs and team
<input type="checkbox"/> write:org	Read and write org and team
<input checked="" type="checkbox"/> read:org	Read org and team membership
<input type="checkbox"/> manage_runners:org	Manage org runners and runners
<input type="checkbox"/> admin:public_key	Full control of user public key
<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

15 Click the "read:user"

Read ALL user profile data" field.

	<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 type="checkbox"/>	gist	Create gists
	<input type="checkbox"/>	notifications	Access notifications
	<input type="checkbox"/>	user	Update ALL user data
	<input checked="" type="checkbox"/>	read:user	Read ALL user profile data
	<input type="checkbox"/>	user:email	Access user email addresses
	<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 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

16 Click the "read:discussion"

Read team discussions" field.

<input type="checkbox"/>	notifications	Access notifications
<input type="checkbox"/>	user	Update ALL user data
<input checked="" type="checkbox"/>	read:user	Read ALL user profile data
<input type="checkbox"/>	user:email	Access user email addresses
<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 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 self-hosted runners
<input type="checkbox"/>	manage_billing:enterprise	Read and write enterprise billing
<input type="checkbox"/>	read:enterprise	Read enterprise profile data
<input type="checkbox"/>	scim:enterprise	Provisioning of users and groups
<input type="checkbox"/>	audit_log	Full control of audit log
<input type="checkbox"/>	read:audit_log	Read access of audit log

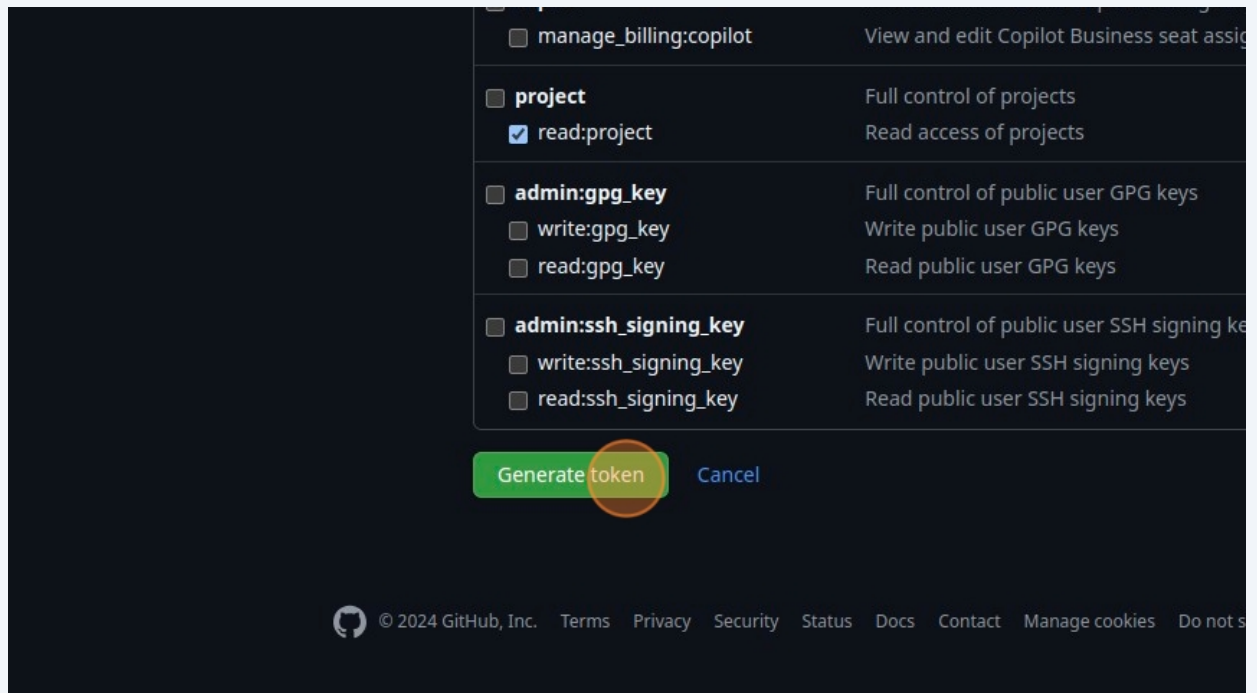
17 Click "read:projects"

read access of projects field.

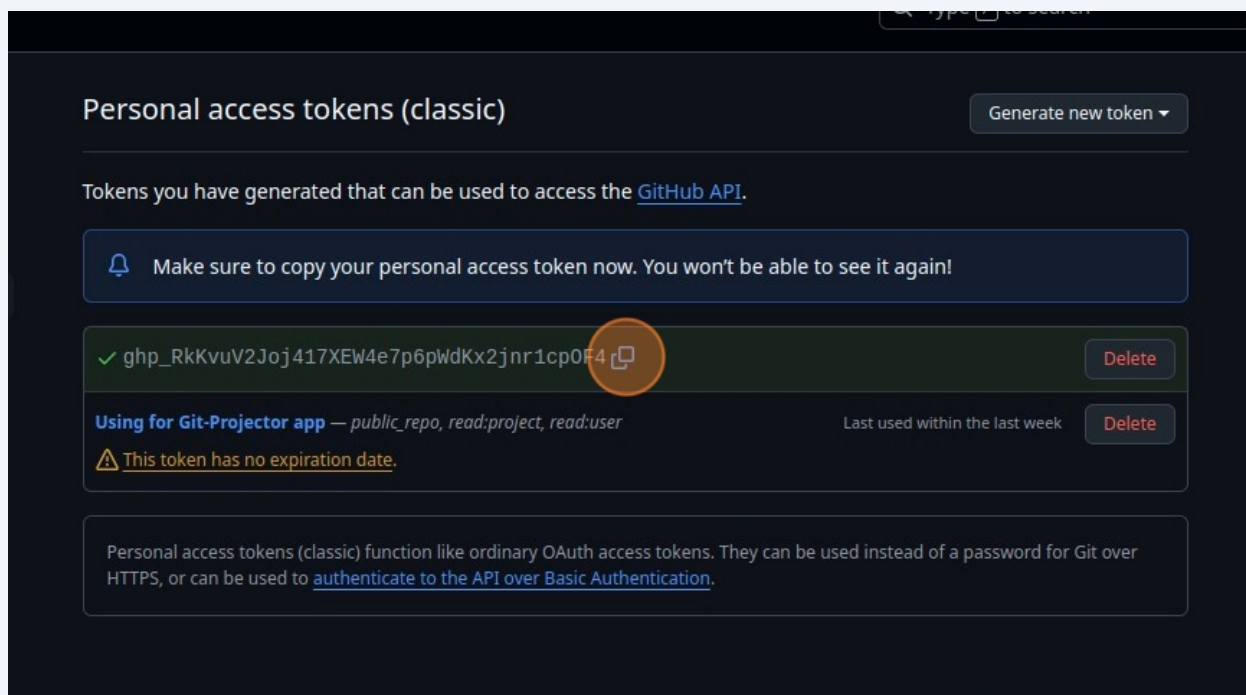
<input type="checkbox"/>	audit_log	Full control of audit log
<input type="checkbox"/>	read:audit_log	Read access of audit log
<input type="checkbox"/>	codespace	Full control of codespaces
<input type="checkbox"/>	codespace:secrets	Ability to create, read, update, and delete secrets
<input type="checkbox"/>	copilot	Full control of GitHub Copilot
<input type="checkbox"/>	manage_billing:copilot	View and edit Copilot Business
<input type="checkbox"/>	project	Full control of projects
<input type="checkbox"/>	read:project	Read access of projects
<input type="checkbox"/>	admin:pgp_key	Full control of public user GPG keys
<input type="checkbox"/>	write:pgp_key	Write public user GPG keys
<input type="checkbox"/>	read:pgp_key	Read public user GPG keys
<input type="checkbox"/>	admin:ssh_signing_key	Full control of public user SSH signing keys
<input type="checkbox"/>	write:ssh_signing_key	Write public user SSH signing keys
<input type="checkbox"/>	read:ssh_signing_key	Read public user SSH signing keys

Generate tokenCancel

18 Click "Generate token"



19 copy the token and save it somewhere safe.



20 You can always delete the key and generate new one if needed.