

# GH Token Generation

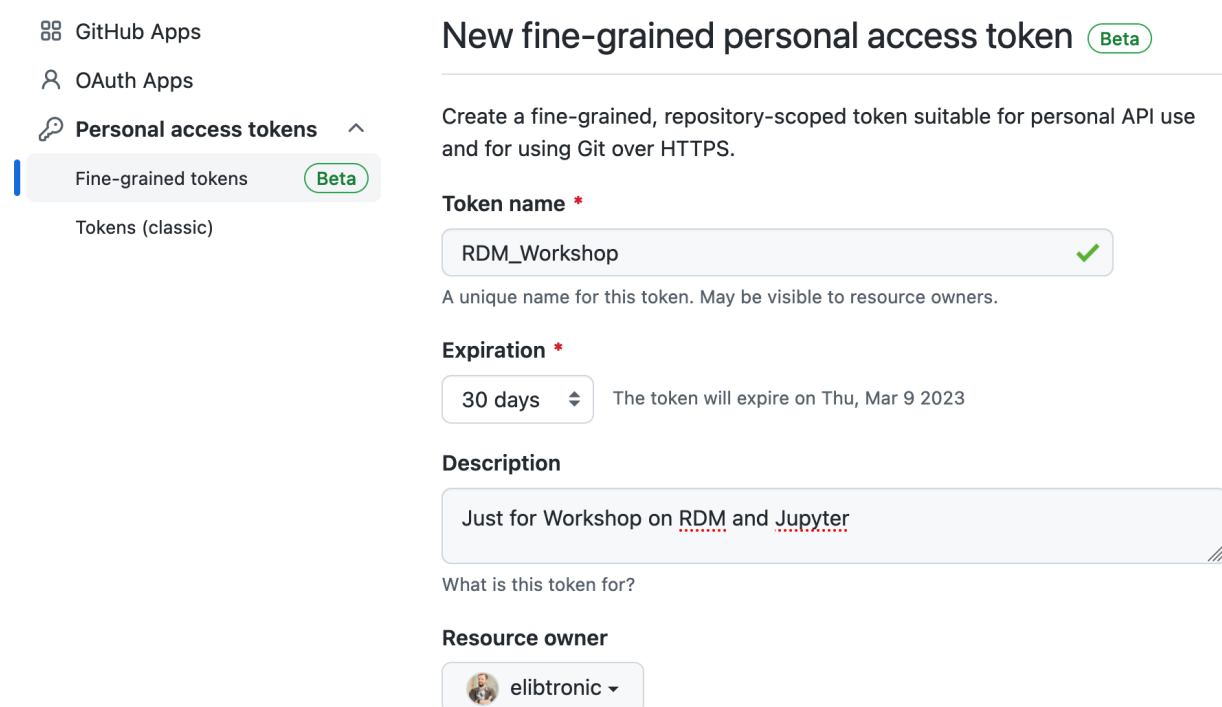
To avoid having to paste in our passwords for GH everyone we want to do anything with it we'll generate some GH tokens that will allow us to avoid doing that. These tokens are like api keys, really long strings of text that give you access to the pieces you need. Since the process is a bit fussy these instructions have all the step by steps you'll need.

## Part 1 Token

Start here: <https://github.com/settings/tokens?type=beta>

Click **Generate new token**

Screen 1.



The screenshot shows the GitHub interface for creating a new fine-grained personal access token. On the left is a sidebar with navigation options: 'GitHub Apps', 'OAuth Apps', 'Personal access tokens' (selected), 'Fine-grained tokens' (marked with a 'Beta' badge), and 'Tokens (classic)'. The main content area is titled 'New fine-grained personal access token' with a 'Beta' badge. Below the title is a description: 'Create a fine-grained, repository-scoped token suitable for personal API use and for using Git over HTTPS.' The form includes several fields: 'Token name' with the value 'RDM\_Workshop' and a green checkmark, 'Expiration' set to '30 days' with a note 'The token will expire on Thu, Mar 9 2023', 'Description' with the text 'Just for Workshop on RDM and Jupyter', and 'Resource owner' set to the user 'elibtronic'.

**New fine-grained personal access token** Beta

Create a fine-grained, repository-scoped token suitable for personal API use and for using Git over HTTPS.

**Token name \***

RDM\_Workshop ✓

A unique name for this token. May be visible to resource owners.

**Expiration \***

30 days ⇅ The token will expire on Thu, Mar 9 2023

**Description**

Just for Workshop on RDM and Jupyter

What is this token for?

**Resource owner**

elibtronic ▼

Screen 2. Only pick the repository you created in the previous step

## Repository access

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☐ **Public Repositories (read-only)**

☐ **All repositories**

This applies to all current *and* future repositories owned by the resource owner.  
Also includes public repositories (read-only).

☒ **Only select repositories**

Select at least one repository. Max 50 repositories.  
Also includes public repositories (read-only).

 **Select repositories ▼**

Selected 1 repository.

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 elibtronic/**rdm\_workshop**

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Screen 3. Switch **Administration** to **Read and write**. Scroll to button and click generate token

## GitHub – Creating an access token

Permissions

Read our [permissions documentation](#) for information about specific permissions.

**Repository permissions** 2 Selected

Repository permissions permit access to repositories and related resources.

**Actions** ⓘ

Workflows, workflow runs and artifacts.

Access: No access ▾

**Administration** ⓘ

Repository creation, deletion, settings, teams, and collaborators.

Access: Read and write ▾

**Code scanning alerts** ⓘ

View and manage code scanning alerts.

Access: No access ▾

**Codespaces** ⓘ

Create, edit, delete and list Codespaces.

Access: No access ▾

Screen 4. Click the double square to copy your key and paste it somewhere safe. Github will *\*never\** show it to you again. This is a security feature.

[Settings](#) / [Developer settings](#) /

Personal access tokens

GitHub Apps

OAuth Apps

Personal access tokens ^

Fine-grained tokens

Beta

Tokens (classic)

## Fine-grained personal access tokens Beta

Generate new token

These are fine-grained, repository-scoped tokens suitable for personal [API](#) use and for using Git over HTTPS.

Make sure to copy your personal access token now as you will not be able to see this again.

Never used

Delete

github\_pat...b4df0



Expires on *Thu, Mar 9 2023*.

Now you can return to Colab and continue with the workshop

## Part 2 Token

Start here: <https://github.com/settings/tokens?type=beta>

Click **Generate new token**

Screen 1.

### Fine-grained personal access tokens Beta

Generate new token

These are fine-grained, repository-scoped tokens suitable for personal [API](#) use and for using Git over HTTPS.



**RDM\_Workshop**

Last used within the last week

Delete

Expires *on Thu, Mar 9 2023.*

Screen 2.

## New fine-grained personal access token Beta

Create a fine-grained, repository-scoped token suitable for personal API use and for using Git over HTTPS.

### Token name \*

RDM\_workshop\_part\_2



A unique name for this token. May be visible to resource owners.

### Expiration \*

30 days



The token will expire on Thu, Mar 16 2023

### Description

For the RDM Jupyter Workshop, part 2

What is this token for?

### Resource owner



elibtronic

Screen 3. Select the repository that you forked

## Repository access

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☐ **Public Repositories (read-only)**

☐ **All repositories**

This applies to all current *and* future repositories owned by the resource owner.  
Also includes public repositories (read-only).

☒ **Only select repositories**

Select at least one repository. Max 50 repositories.  
Also includes public repositories (read-only).

 **Select repositories** ▾

Selected 1 repository.

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 elibtronic/Super\_Star\_Research

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#### Screen 4. Switch **Contents** and **Pull Requests** to **Read and write**

<b>Commit statuses</b> ⓘ Commit statuses.	Access: No access ▾
<b>Contents</b> ⓘ Repository contents, commits, branches, downloads, releases, and merges.	Access: Read and write ▾
<b>Dependabot alerts</b> ⓘ Retrieve Dependabot alerts.	Access: No access ▾

<b>Pages</b> ⓘ Retrieve Pages statuses, configuration, and builds, as well as create new builds.	Access: No access ▾
<b>Pull requests</b> ⓘ Pull requests and related comments, assignees, labels, milestones, and merges.	Access: Read and write ▾
<b>Repository announcement banners</b> ⓘ View and modify announcement banners for a repository.	Access: No access ▾

Then scroll to the bottom on and click **Generate Token**

U Account permissions

This token will expire **March 16, 2023**.

**Generate token** [Cancel](#)

This token will be ready for use immediately.



Screen 5. Click the double boxes to save your token and keep it someplace safe. Github will not show it to you again. This is a security feature.

## Fine-grained personal access tokens Beta

These are fine-grained, repository-scoped tokens suitable for personal [API](#) use and for using

Make sure to copy your personal access token now as you will not be able to see this again.

N

github\_pa



Expires on *Thu, Mar 16 2023*.