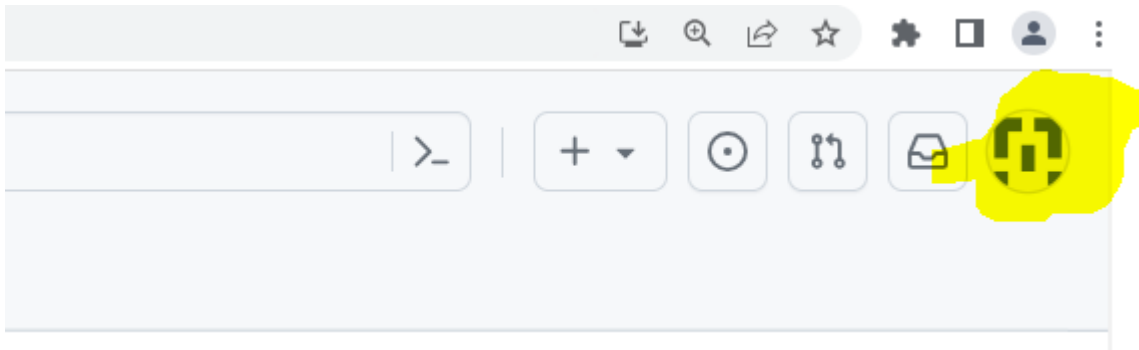


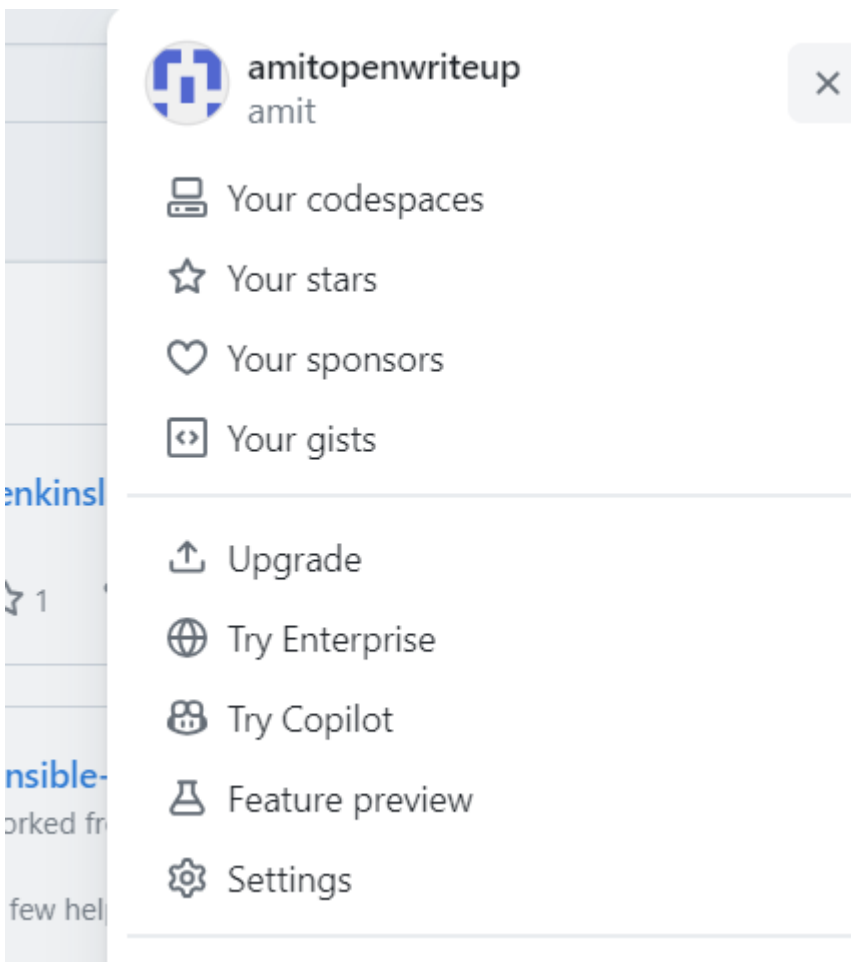
Steps to setup webhook

Generate api token for github

- Login to github and go to right side [highlighted in yellow]




- Go to settings




Scroll down and towards left side pane "Developer settings"

Security

 Code security and analysis


Integrations


 Applications

 Scheduled reminders


Archives

 Security log


 Sponsorship log

 **Developer settings**

Click on Personal token and go to Tokens (classic)

 **GitHub Apps**

 OAuth Apps

 Personal access tokens

Fine-grained tokens

Beta

Tokens (classic)

Click on generate new token (classic)

New personal access token (classic)

Personal access tokens (classic) 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

What's this token for?

Expiration *

30 days The token will expire on Sat, Aug 5 2023

Settings / Developer Settings

Search Type [?] to search

Personal access tokens (classic)

Generate new token

Revoke all

tokens

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

Scroll down and select

<input type="checkbox"/> read:public_key	read user public keys
<input checked="" type="checkbox"/> admin:repo_hook	Full control of repository hooks
<input checked="" type="checkbox"/> write:repo_hook	Write repository hooks
<input checked="" type="checkbox"/> read:repo_hook	Read repository hooks
<input checked="" type="checkbox"/> admin:org_hook	Full control of organization hooks
<input type="checkbox"/> gist	Create gists

And click on generate token and copy that token

ghn_1PwEUENr1Vigs3W9TNRCEiVwP1kvOt3kRfnMr

1) Go to Jenkins->Manage Jenkins->system configuration->system [setup github servers]

Dashboard > Manage Jenkins > System >

GitHub Servers ?

GitHub Server ?

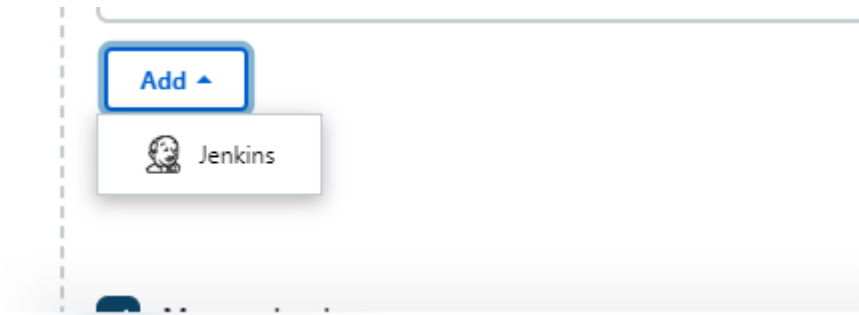
Name ?

API URL ?

Credentials ?

Add ▾

Under credentials



Add Credentials

Domain

Kind

Scope ?

Secret

Select secret text

Click on test connection and test

Name ?

API URL ?

Credentials ?

Add ▾

Credentials verified for user amitopenwriteup, rate limit: 4999

Test connection


How to get secret text from github [get the token and add it here under secret text]


On Jenkins get the token for user


Manage Jenkins->Security->Manage users


Dashboard > Manage Jenkins > Jenkins' own user database

Click on the user(admin) and configure


User ID ↓	Name
 admin	admin

 People

 Status

 Builds

 Configure


 My Views

 Credentials

 **admin**

Jenkins User ID: admin

 Configure


 My Views

 Credentials

Description 

[Plain text] [Preview](#)

API Token

Current token(s) 

There are no registered tokens for this user.

[Add new Token](#)


Get the api token

API Token

Current token(s) 

test

Created 0 day(s) ago

 Never used 

[Add new Token](#)

API Token

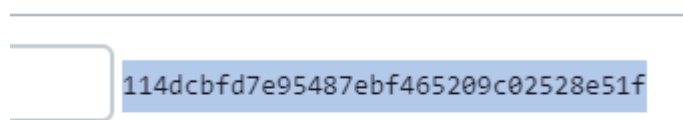
Current token(s) ?

11d09e8020582374e97f9b55826ab0c30f 📄 🗑️

⚠️ Copy this token now, because it cannot be recovered in the future.

Add new Token

Right click and Copy the api token and Save it



it cannot be recovered in the future.

Go to github repo

gp

A screenshot of a GitHub repository page for 'tfsource' by user 'amitopenwriteup'. The page shows navigation tabs for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below the repository name, there are buttons for Pin, Unwatch (1), and Fork (0). The main branch is 'main' with 2 branches and 0 tags. There are buttons for 'Go to file', 'Add file', 'Code', and 'About'. A warning message states 'Your main branch isn't protected'. The description is 'No description, website'.

Go to github repo settings

A screenshot of the GitHub repository settings page for 'tfsource'. The 'Settings' tab is selected. The 'General' section is visible, showing the repository name and a search bar.

Towards left side pane, Click on webhook

https://github.com/amitopenwriteup/tfsource/settings

Access

- Collaborators
- Moderation options

Code and automation

- Branches
- Tags
- Rules Beta
- Actions
- Webhooks**
- Environments
- Codespaces
- Pages

Security

- Code security and analysis

Repository name

tfsource

- Template repository**
Template repositories let users g
[template repositories.](#)
- Require contributors to sig**
Enabling this setting will require
for contributors to affirm that th
(DCO). [Learn more about signing](#)

Default branch

The default branch is considere
commits are automatically mac

main

Social Preview

Add the webhook

Insights Settings

Add webhook

ertain events happen. When the specified events happen,
http:<Jenkins ip>:8080/github-webhook/
provide the api token

Settings

Recent Deliveries

We'll send a POST request to the URL below with details of any subscribed events. You can also specify which data format you'd like to receive (JSON, `x-www-form-urlencoded`, etc). More information can be found in our [developer documentation](#).

Payload URL *

`http://172.173.245.242:8080/github-webhook/`

Content type

application/json

Secret

If you've lost or forgotten this secret, you can change it, but be aware that any integrations using this secret will need to be updated. — [Change Secret](#)

Which events would you like to trigger this webhook?

Which events would you like to trigger this webhook?

- Just the push event.
- Send me **everything**.
- Let me select individual events.

Create a freestyle project

And under scm (git)

● Git ?

Repositories ?

Repository URL ? ✕

Credentials ?

- none - ▼

Add ▼

Advanced ▼

Repository URL ? ✕

Under build trigger

Build Triggers


- Trigger builds remotely (e.g., from scripts) ?
- Build after other projects are built ?
- Build periodically ?
- GitHub Branches
- GitHub Pull Requests ?
- GitHub hook trigger for GITScm polling ?
- Poll SCM ?


Now clone the repo using git clone command


- 1) git remote add origin [git@github.com:amitopenwriteup/cicd.git](https://github.com/amitopenwriteup/cicd.git)
- 2) touch readme
- 3) git add readme
- 4) git commit -m "added"
- 5) git push -u origin master

check the page it should trigger the build

dashboard > testscm >


 Status

 Changes


 Workspace


 Build Now


 Configure

 Delete Project

 GitHub Hook Log

 Rename

 **Build History** [trend](#) ↘

 Filter builds...

#3

Mar 22, 2023, 12:32 AM