

New Item

Enter an item name

Git_connection

Select an item type



Freestyle project

Classic, general-purpose job type that checks out from up to one SCM, executes build steps serially, followed by post-build steps like archiving artifacts and sending email notifications.



Pipeline

Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.



Multi-configuration project

Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.



Folder

Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders.



Multibranch Pipeline

Creates a set of Pipeline projects according to detected branches in one SCM repository.

OK

Display a menu

Select Freestyle

Give the repo you want to integrate

The screenshot shows the GitHub interface for the repository 'Devops-Learning-Material' by user 'Gopi1892'. The repository is public and has 2 branches and 0 tags. A 'Clone' dropdown menu is open, showing options for 'Local' and 'Codespaces'. The 'Local' section includes 'Clone' with sub-options 'HTTPS', 'SSH', and 'GitHub CLI'. The 'Codespaces' section includes 'Open with GitHub Desktop' and 'Download ZIP'. The repository description is 'This is repository for Cloud and Devops Interview Question'. The 'About' section shows 3 stars, 2 watching, and 24 forks. The 'Releases' section shows no releases published. The 'Packages' section shows no packages published. The 'Contributors' section shows 2 contributors: 'Gopi1892 Gopi Krishnan' and 'ShailAdmin Shailesh Gupta'.

The screenshot shows the Jenkins 'Configure' page for a project named 'Git_connection'. The 'General' tab is selected, and the 'Enabled' toggle is turned on. The 'Description' field contains the text 'This is a git connection project'. The 'Plain text' option is selected for the description. The 'Discard old builds' checkbox is unchecked. The 'GitHub project' checkbox is checked, and the 'Project url' field contains the URL 'https://github.com/Gopi1892/Devops-Learning-Material.git'. The 'Advanced' section is expanded, showing options for 'This project is parameterized', 'Throttle builds', and 'Execute concurrent builds if necessary', all of which are unchecked. The 'Save' button is highlighted.

Configure

- General
- Source Code Management
- Triggers
- Environment
- Build Steps
- Post-build Actions

Source Code Management

Connect and manage your code repository to automatically pull the latest code for your builds.

☐ None

☒ Git ?

Repositories ?

Repository URL ?

https://github.com/Gopi1892/Devops-Learning-Material.git

Credentials ?

- none -

+ Add

Advanced ▾

Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

Save

Apply

Display a menu

Click on Advance

Configure

- General
- Source Code Management
- Triggers
- Environment
- Build Steps
- Post-build Actions

- none -

+ Add

Advanced ^ Edited

Name ?

origin

Refspec ?

Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

*/main

Add Branch

Repository browser ?

Save

Apply

Display a menu

Dashboard > Git_connection > Configuration

Configure

General

Source Code Management

Triggers

Environment

Build Steps

Post-build Actions

☐ Delete workspace before build starts

☐ Use secret text(s) or file(s) ?

☐ Add timestamps to the Console Output

☐ Inspect build log for published build scans

☐ Terminate a build if it's stuck

☐ With Ant ?

Build Steps

Automate your build process with ordered tasks like code compilation, testing, and deployment.

Execute shell ?

Command

See the list of available environment variables

echo "Hello"

Advanced

Add build step

SaveApply

Display a menu

Dashboard > Git_connection > Configuration

Configure

General

Source Code Management

Triggers

Environment

Build Steps

Post-build Actions

☐ Trigger builds remotely (e.g., from scripts) ?

☐ Build after other projects are built ?

☐ Build periodically ?

☐ GitHub hook trigger for GITScm polling ?

☐ Poll SCM ?

Environment

Configure settings and variables that define the context in which your build runs, like credentials, paths, and global parameters.

☐ Delete workspace before build starts

☐ Use secret text(s) or file(s) ?

☐ Add timestamps to the Console Output

☐ Inspect build log for published build scans

☐ Terminate a build if it's stuck

☐ With Ant ?

Build Steps

Automate your build process with ordered tasks like code compilation, testing, and deployment.

Add build step

Post-build Actions

SaveApply

Display a menu

Click on Apply and Save

Dashboard > Git_connection >

Status

</> Changes

Workspace

Build Now

Configure

Delete Project

GitHub

Rename

Git_connection

This is a git connection project

Permalinks

- Last build (#1), 2 min 6 sec ago
- Last failed build (#1), 2 min 6 sec ago
- Last unsuccessful build (#1), 2 min 6 sec ago
- Last completed build (#1), 2 min 6 sec ago

Builds

Filter

Today

#2 5:09 pm

#1 5:07 pm

Edit description

Display a menu for "18.204.195.155:8080/job/Git_connection/build?delay=0sec"

REST API Jenkins 2.492.3

Click on Build Now

Configure Github Webhook
Go to github account. Go to Settings

Gopi1892 / Devops-Learning-Material

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Devops-Learning-Material Public

Pin Unwatch 2 Fork 24 Star 3

main 2 Branches 0 Tags

Go to file Add file Code

ShailAdmin	Add files via upload	b9661b7 · last month	183 Commits
AWS	Add files via upload	last month	
Ansible	Update nginx.yml	6 months ago	
DevSecops	Rename Network/DevSecops/Devops-Tools to DevSecop...	9 months ago	
Docker	Add files via upload	2 months ago	
Git-Github	Create git-reset	8 months ago	
Jenkins	Create Jenkins_Interview_Questions	6 months ago	
Linux	Update Linux Commands	5 months ago	
Monitoring	Update commands.md	5 months ago	
Network	Rename Network/DevSecops/Devops-Tools to DevSecop...	9 months ago	
Terraform	Create Terraform_interview_Questions	6 months ago	
kubernetes	Delete kubernetes/Helm/my-nginx-chart/charts/test	6 months ago	

README

Display a menu for "https://github.com/Gopi1892/Devops-Learning-Material/settings"

About

This is repository for Cloud and Devops Interview Question

Activity

3 stars

2 watching

24 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

Contributors 2

Gopi1892 Gopi Krishnan

ShailAdmin Shailesh Gupta

General

Access

- Collaborators
- Moderation options

Code and automation

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

Security

- Code Security
- Deploy keys
- Secrets and variables

Integrations

- GitHub Apps
- Email notifications

Webhooks

Add webhook

Webhooks allow external services to be notified when certain events happen. When the specified events happen, we'll send a POST request to each of the URLs you provide. Learn more in our [Webhooks Guide](#).

Add Webhook

General

Access

- Collaborators
- Moderation options

Code and automation

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

Security

- Code Security
- Deploy keys
- Secrets and variables

Integrations

- GitHub Apps
- Email notifications

Webhooks / Add webhook

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 *

Content type *

Secret

SSL verification

By default, we verify SSL certificates when delivering payloads.

☒ Enable SSL verification ☐ Disable (not recommended)

Which events would you like to trigger this webhook?

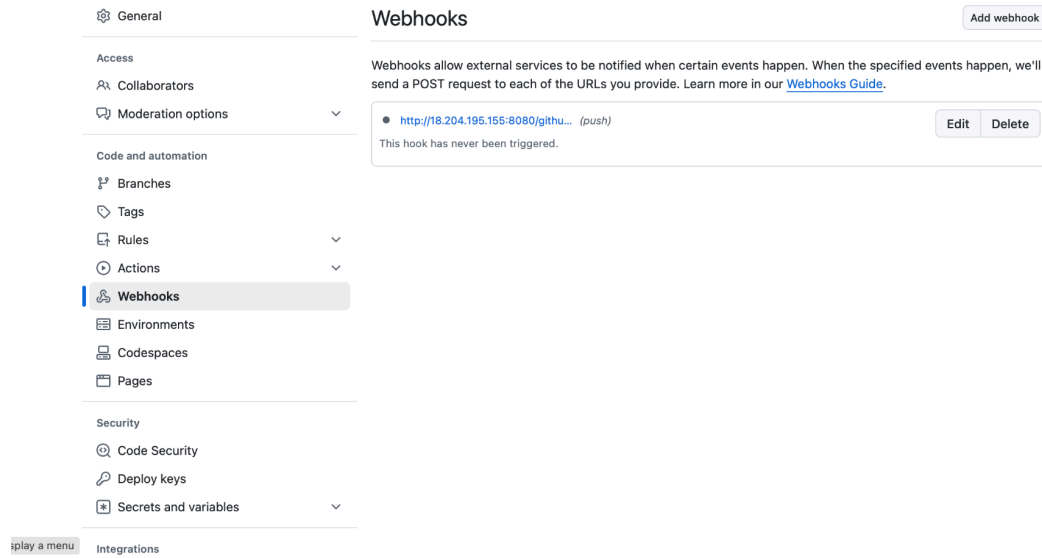
☒ Just the push event.

☐ Send me everything.

☐ Let me select individual events.

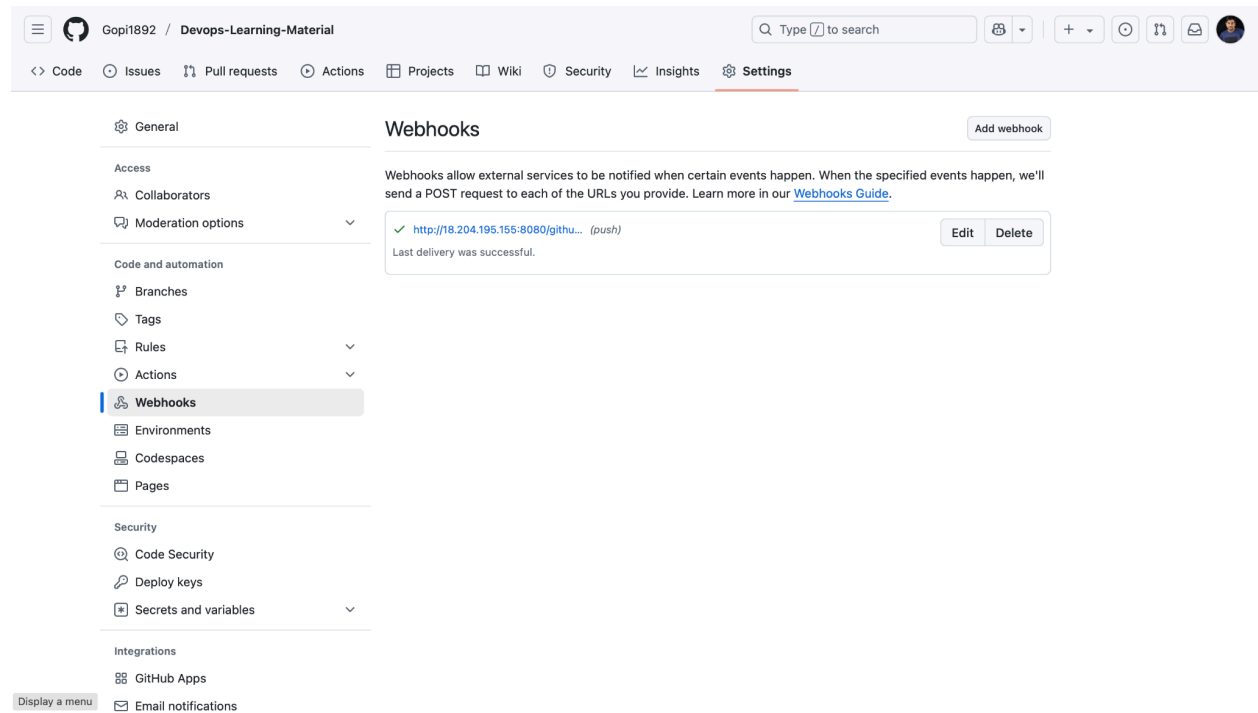
Mention jenkins-url/github-webhook/
Click on add webhook

Okay, that hook was successfully created. We sent a ping payload to test it out! Read more about it at <https://docs.github.com/webhooks/#ping-event>.



The screenshot shows the GitHub 'Webhooks' settings page for a repository. On the left is a sidebar with navigation options: General, Access (Collaborators, Moderation options), Code and automation (Branches, Tags, Rules, Actions), Webhooks (selected), Environments, Codespaces, Pages, Security (Code Security, Deploy keys, Secrets and variables), and Integrations. The main content area is titled 'Webhooks' and includes an 'Add webhook' button. Below the title, it explains that webhooks allow external services to be notified of events. A single webhook is listed with the URL 'http://18.204.195.155:8080/github...' and the event type '(push)'. Below the URL, it states 'This hook has never been triggered.' and provides 'Edit' and 'Delete' buttons.

Go to some other option and then come back you should see a green tick mark



This screenshot shows the same GitHub 'Webhooks' settings page after navigating away and back. The 'Settings' tab in the repository navigation bar is now selected. The webhook entry for 'http://18.204.195.155:8080/github...' now has a green checkmark icon to its left. Below the URL, the status 'Last delivery was successful.' is displayed. The sidebar and other page elements remain the same as in the previous screenshot.

To check go to the job and check the following

The screenshot shows the Jenkins 'Configure' page for a job named 'Git_connection'. The left sidebar contains a 'Configure' section with sub-items: General, Source Code Management, Triggers, Environment, Build Steps, and Post-build Actions. The 'Triggers' tab is selected. The main content area has three sections: 'Triggers', 'Environment', and 'Build Steps'. In the 'Triggers' section, the 'GitHub hook trigger for GITScm polling' checkbox is checked. In the 'Environment' section, the 'Delete workspace before build starts' checkbox is checked. In the 'Build Steps' section, the 'Automate your build process with ordered tasks like code compilation, testing, and deployment.' checkbox is checked. At the bottom right, there are 'Save' and 'Apply' buttons. A 'Display a menu' button is visible at the bottom left.

Apply and save

Go and commit in the repo

The screenshot shows a GitHub repository named 'Devops-Learning-Material / Jenkins / Jenkins_Interview_Questions'. The file 'Jenkins_Interview_Questions' is selected, showing its content. The file is a text file with 32 lines of text. The content is a list of questions and answers related to Jenkins. The file is 130 lines (121 loc) and 12.1 KB. The repository is owned by 'Gopi1892'. The file is updated by 'fb05812 - now'. The file is named 'Jenkins_Interview_Questions'. The file is a text file. The file is a list of questions and answers related to Jenkins. The file is 32 lines long. The file is 130 lines (121 loc) and 12.1 KB. The repository is owned by 'Gopi1892'. The file is updated by 'fb05812 - now'. The file is named 'Jenkins_Interview_Questions'. The file is a text file. The file is a list of questions and answers related to Jenkins.

You will see a job is triggered automatically

Dashboard > Git_connection >

Status

</> Changes

Workspace

Build Now

Configure

Delete Project

GitHub Hook Log

GitHub

Rename

Git_connection

This is a git connection project

Permalinks

- Last build (#2), 11 min ago
- Last stable build (#2), 11 min ago
- Last successful build (#2), 11 min ago
- Last failed build (#1), 13 min ago
- Last unsuccessful build (#1), 13 min ago
- Last completed build (#2), 11 min ago

Builds

Filter

Today

#3 5:21 pm

#2 5:09 pm

#1 5:07 pm

Display a menu

REST API

Jenkins 2.492.3