

JENKINS MODULE

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Batch no. SA2409031

DATE:7/12/2024

*L4 - Automate the CI/CD Pipeline using GitHub
webhook and Poll-SC*

STEP1:LOGIN TO THE JENKINS PROFILE

- GO TO SOURCE CODE MANAGEMENT
- COPY THE REQUIRED URL IN SCM\

STEP2:BUILD THE PROJECT

- NAVIGATE TO THE BUILD STEPS
 - EXECUTE SHELL
 -

STEP 3: ADD WEBHOOK TO THE GITHUB REPO

- LOGIN TO THE GITHUB
- SELECT THE REPO AND GO THE SETTING
 - ADD WEBHOOK
 - COPY THE PAYLOAD URL
(3.145.57.97:8080/GITHUB-WEBHOOK/)

STEP4: MAKE SOME CHANGES IN REPOSITORY

IF WE MADE SOME CHANGES IN REPOSITORY IT WILL AUTOMATICALLY GET UPDATE
IN JENKINS, ACCORDING TO THE CHANGES JENKINS BUILD THE PROJECT.

STEP 5: POLL -SC

- BY GIVING THIS COMMAND JENKINS WILL UPDATE THE PROJEC AFTER SPECIFIC TIME
DURATION.

General

Access

Collaborators

Moderation options

Code and automation

Branches

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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 *

https://3.145.57.97:8080/github-webhook/

Content type *

application/json

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.

Active

We will deliver event details when this hook is triggered.

Add webhook

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Status

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Manage cookies

Do not share my personal information

adesh8484 / Deployment-script

Type to search

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General

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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](#).

✓ http://3.145.57.97:8080/github-web... (push)

Edit Delete

Last delivery was successful.

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

Build Triggers

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

Build Environment

- ☐ 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

Save ? Apply

Build Steps

Execute shell ?

Command

See the list of available environment variables

echo type hello word

Advanced

Add build step

Post-build Actions

Add post-build action

REST API Jenkins 2.479.2

Search (CTRL+K)

ADESH ADHAV

log out

Status

Changes

Workspace

Dashboard > myfirstjob >

Configure

Delete Project

GitHub Hook Log

Polling Log

Rename

myfirstjob

Permalinks

- Last build (#5), 43 sec ago
- Last stable build (#5), 43 sec ago
- Last successful build (#5), 43 sec ago
- Last completed build (#5), 43 sec ago

Add description

BUILDS

Builds

Status

Dashboard > maven project > #4

Changes

Console Output

Edit Build Information

Delete build '#4'

Timings

Git Build Data

Pipeline Overview

Pipeline Console


Restart from Stage

Replay

Pipeline Steps


Workspaces

Previous Build

 #4 (Dec 7, 2024, 5:36:40 AM)


Add description

Keep this build forever


 Started by user ADESH ADHAV

Started 16 min ago

Took 33 sec

 This run spent:


- 14 ms waiting;
- 33 sec build duration;
- 33 sec total from scheduled to completion.

 **git**

Revision: 44253af48d62c3990c2049f7c1cd87651b1e633d

Repository: <https://github.com/adesh8484/addressbook-cicd-project>

- refs/remotes/origin/master

 No changes.

Source Code Management

- ☒ None
- ☐ Git ?

Build Triggers

Dashboard > myfirstjob > Configuration

Configure

General

Source Code Management

Build Triggers

Build 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 ?

Schedule ?

⚠ Do you really mean "every minute" when you say "*****"? Perhaps you meant "H *****" to poll once per hour

Would last have run at Saturday, December 7, 2024 at 4:33:44 AM Coordinated Universal Time; would next run at Saturday, December 7, 2024 at 4:33:44 AM Coordinated Universal Time.

☒ Ignore post-commit hooks ?

Build Environment

- ☐ Delete workspace before build starts
- Save

text(s) or file(s) ?

Apply
- ☐ Add timestamps to the Console Output
- ☐ Inspect build log for published build scans
- ☐ Terminate a build if it's stuck
- ☐ With Ant ?

Build Steps

≡ Execute shell ?

×

Command

See the list of available environment variables

echo type hello word