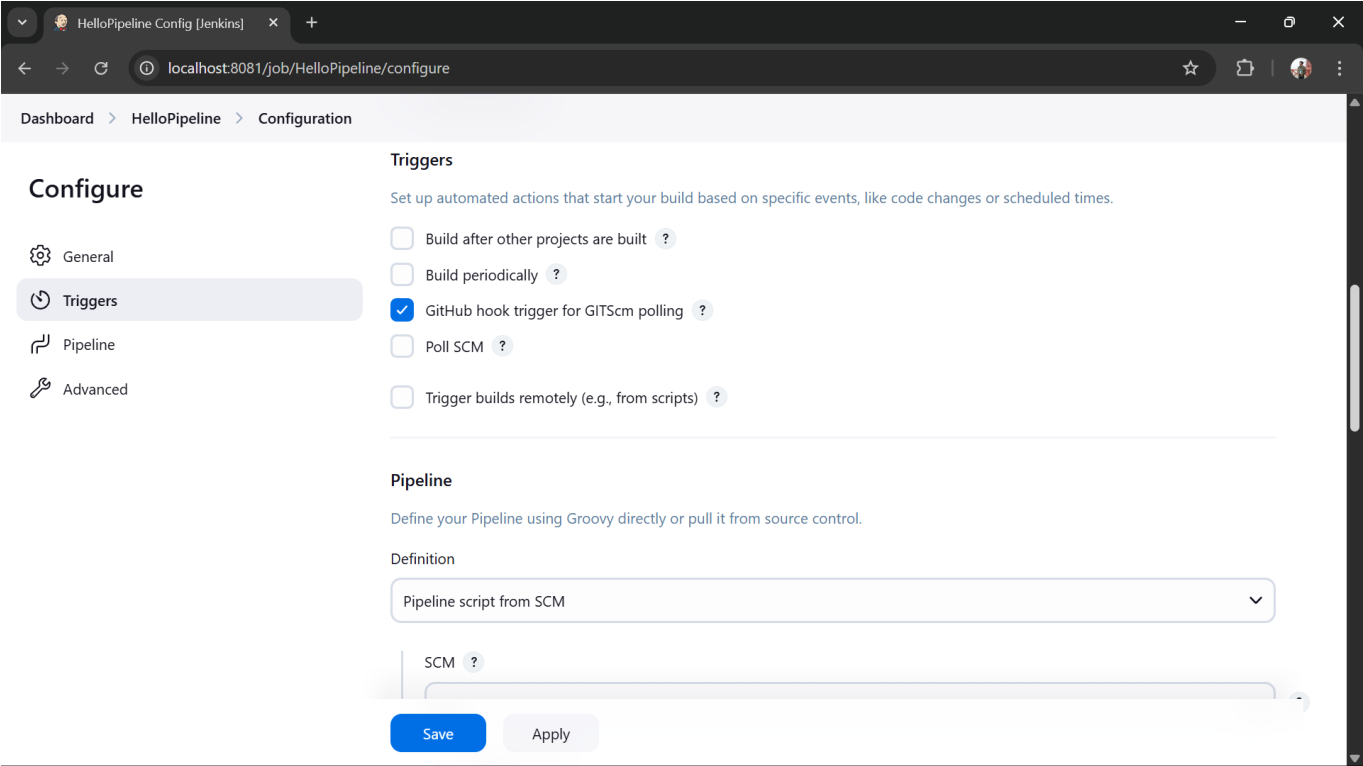


1. Jenkins Job Trigger Configuration (GitHub Hook)



2. Git Repository URL Configuration

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HelloPipeline Config [Jenkins]

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🌐 localhost:8081/job/HelloPipeline/configure

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Dashboard > HelloPipeline > Configuration

Configure

⚙️ General

🕒 Triggers

📜 Pipeline

🔧 Advanced

Pipeline

Define your Pipeline using Groovy directly or pull it from source control.

Definition

Pipeline script from SCM

SCM ?

Git

Repositories ?

Repository URL ?

https://github.com/cryptic0053/jenkins

Credentials ?

- none -

Save

Apply

3. Branch Configuration (* /main)

Dashboard

HelloPipeline

Configuration

Configure

General

Triggers

Pipeline

Advanced

Credentials ?

- none -

+ Add

Advanced

Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

*/main

Add Branch

Repository browser ?

Save

Apply

4. Script Path Configuration (Jenkinsfile)

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HelloPipeline Config [Jenkins]

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🌐 localhost:8081/job/HelloPipeline/configure

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Dashboard > HelloPipeline > Configuration

Configure

⚙️ General

🕒 Triggers

📄 Pipeline

🔧 Advanced

Add Branch

Repository browser ?
(Auto) ▾

Additional Behaviours
Add ▾

Script Path ?
Jenkinsfile

☒ Lightweight checkout ?

[Pipeline Syntax](#)

Advanced

Save

Apply

5. Jenkins Job Dashboard - Build History

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HelloPipeline [Jenkins]

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localhost:8081/job/HelloPipeline/

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 Jenkins

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Anirban Argha

📄

log out

Dashboard > HelloPipeline >

Status

Changes

Build Now

Configure

Delete Pipeline

Stages

Rename

Pipeline Syntax

GitHub Hook Log

✓ HelloPipeline

Add description

Permalinks

- Last build (#4), 4 min 52 sec ago
- Last stable build (#4), 4 min 52 sec ago
- Last successful build (#4), 4 min 52 sec ago
- Last failed build (#1), 15 min ago
- Last unsuccessful build (#1), 15 min ago
- Last completed build (#4), 4 min 52 sec ago

Builds

Filter

Today

✓ #4 3:15 AM

✓ #3 3:15 AM

✓ #2 3:13 AM

✗ #1 3:05 AM

REST API

Jenkins 2.492.3

6. Console Output - Start of Pipeline

▼


HelloPipeline #4 Console [Jenki

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localhost:8081/job/HelloPipeline/4/console

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 **Jenkins**

🔍 🔔 1 🔒 1 🧑 Anirban Argha log out

Dashboard > HelloPipeline > #4

📄 Status

<> 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

🟢 Console Output

📄 Download 📄 Copy View as plain text

Started by user [Anirban Argha](#)
Obtained Jenkinsfile from git <https://github.com/cryptic0053/jenkins>
[Pipeline] Start of Pipeline
[Pipeline] node
Running on [Jenkins](#) in C:\ProgramData\Jenkins\.jenkins\workspace\HelloPipeline@2
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Checkout SCM)
[Pipeline] checkout
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
No credentials specified
Cloning the remote Git repository
Cloning repository <https://github.com/cryptic0053/jenkins>
> git.exe init C:\ProgramData\Jenkins\.jenkins\workspace\HelloPipeline@2 # timeout=10
Fetching upstream changes from <https://github.com/cryptic0053/jenkins>
> git.exe --version # timeout=10
> git --version # 'git version 2.45.1.windows.1'
> git.exe fetch --tags --force --progress -- <https://github.com/cryptic0053/jenkins> +refs/heads/*:refs/remotes/origin/* # timeout=10
> git.exe config remote.origin.url <https://github.com/cryptic0053/jenkins> # timeout=10
> git.exe config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git.exe rev-parse 'refs/remotes/origin/main^{commit}' # timeout=10
Checking out Revision 4072f34be3d973a7ac83079a1bdbe23751a2e087 (refs/remotes/origin/main)
> git.exe config core.sparsecheckout # timeout=10
> git.exe checkout -f 4072f34be3d973a7ac83079a1bdbe23751a2e087 # timeout=10
Commit message: "change in hello.txt"

7. Console Output - Showing hello.txt Content

▼ HelloPipeline #4 Console [Jenki... x +

localhost:8081/job/HelloPipeline/4/console

Dashboard > HelloPipeline > #4

```
Commit message: "change in hello.txt"
> git.exe rev-list --no-walk 4072f34be3d973a7ac83079a1bdbe23751a2e087 # timeout=10
[Pipeline] }
[Pipeline] // stage
[Pipeline] withEnv
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Checkout)
[Pipeline] checkout
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
No credentials specified
> git.exe rev-parse --resolve-git-dir C:\ProgramData\Jenkins\workspace\HelloPipeline@2\.git # timeout=10
Fetching changes from the remote Git repository
> git.exe config remote.origin.url https://github.com/cryptic0053/jenkins # timeout=10
Fetching upstream changes from https://github.com/cryptic0053/jenkins
> git.exe --version # timeout=10
> git --version # 'git version 2.45.1.windows.1'
> git.exe fetch --tags --force --progress -- https://github.com/cryptic0053/jenkins +refs/heads/*:refs/remotes/origin/* # timeout=10
> git.exe rev-parse "refs/remotes/origin/main^{commit}" # timeout=10
Checking out Revision 4072f34be3d973a7ac83079a1bdbe23751a2e087 (refs/remotes/origin/main)
> git.exe config core.sparsecheckout # timeout=10
> git.exe checkout -f 4072f34be3d973a7ac83079a1bdbe23751a2e087 # timeout=10
Commit message: "change in hello.txt"
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Print hello.txt)
[Pipeline] script
[Pipeline] {
[Pipeline] readFile
[Pipeline] echo
hello.txt says:
hello,jenkins!
```

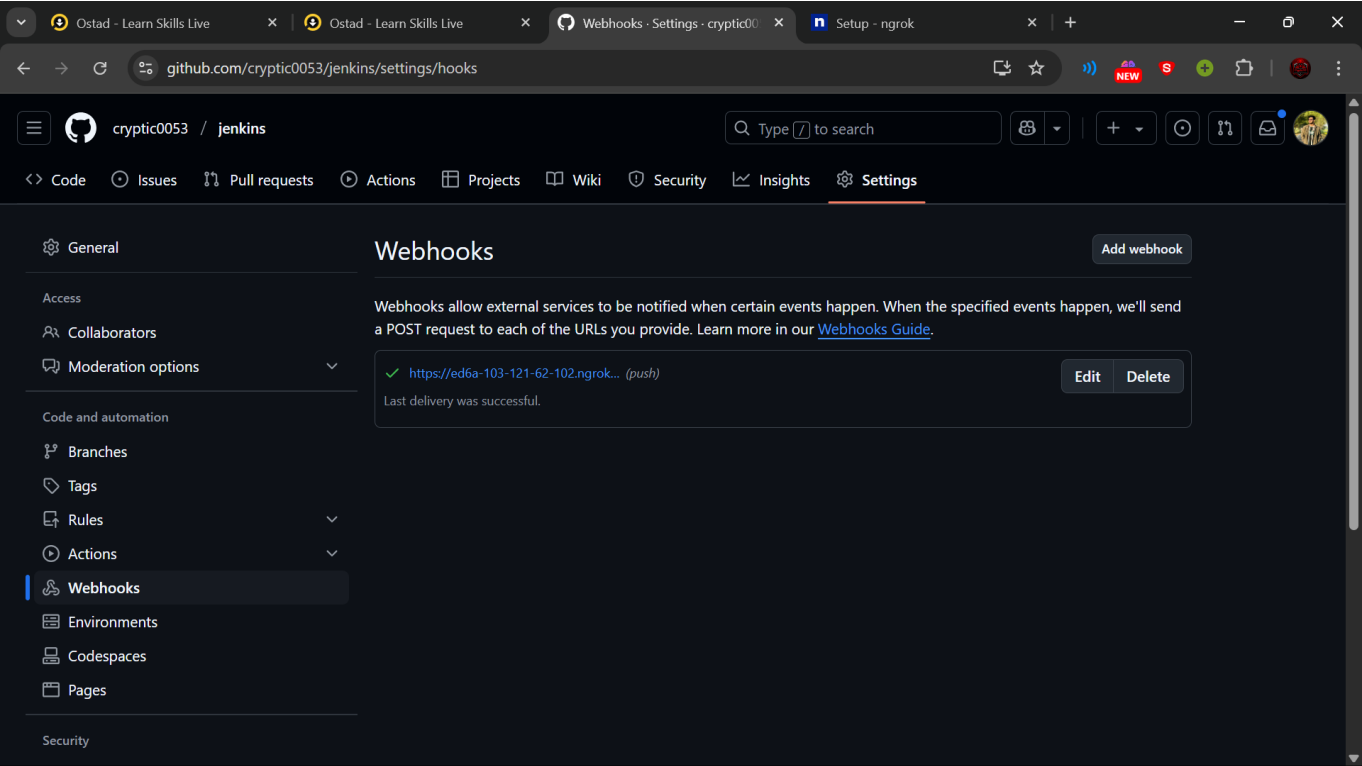
8. Console Output - Finished Successfully

Dashboard > HelloPipeline > #4

```
> git.exe --version # timeout=10
> git --version # 'git version 2.45.1.windows.1'
> git.exe fetch --tags --force --progress -- https://github.com/cryptic0053/jenkins +refs/heads/*:refs/remotes/origin/* # timeout=10
> git.exe rev-parse "refs/remotes/origin/main^{commit}" # timeout=10
Checking out Revision 4072f34be3d973a7ac83079a1bdbe23751a2e087 (refs/remotes/origin/main)
> git.exe config core.sparsecheckout # timeout=10
> git.exe checkout -f 4072f34be3d973a7ac83079a1bdbe23751a2e087 # timeout=10
Commit message: "change in hello.txt"
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Print hello.txt)
[Pipeline] script
[Pipeline] {
[Pipeline] readFile
[Pipeline] echo
hello.txt says:
hello,jenkins!
whats up
[Pipeline] }
[Pipeline] // script
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

REST API Jenkins 2.492.3

9. GitHub Webhook Configuration (ngrok URL)



10. ngrok Tunnel Running - Public URL to Jenkins

```
Administrator: Command Prompt - ngrok http 8081
ngrok
In London? Let's hang out. https://ngrok.com/info/kubecon-2025-ngrok-user-meetup

Session Status      online
Account             cryptic (Plan: Free)
Version             3.20.0
Region              India (in)
Latency              75ms
Web Interface        http://127.0.0.1:4040
Forwarding           https://ed6a-103-121-62-102.ngrok-free.app -> http://localhost:8081

Connections
  ttl    opn    rt1    rt5    p50    p90
    4      0    0.00   0.00   30.06   30.53

HTTP Requests
-----
03:15:48.984 +25 POST /github-webhook/      200 OK
03:12:52.694 +25 POST /github-webhook/      200 OK
03:11:57.187 +25 POST /github-webhook/      200 OK
03:03:18.025 +25 POST /github-webhook/      200 OK
```