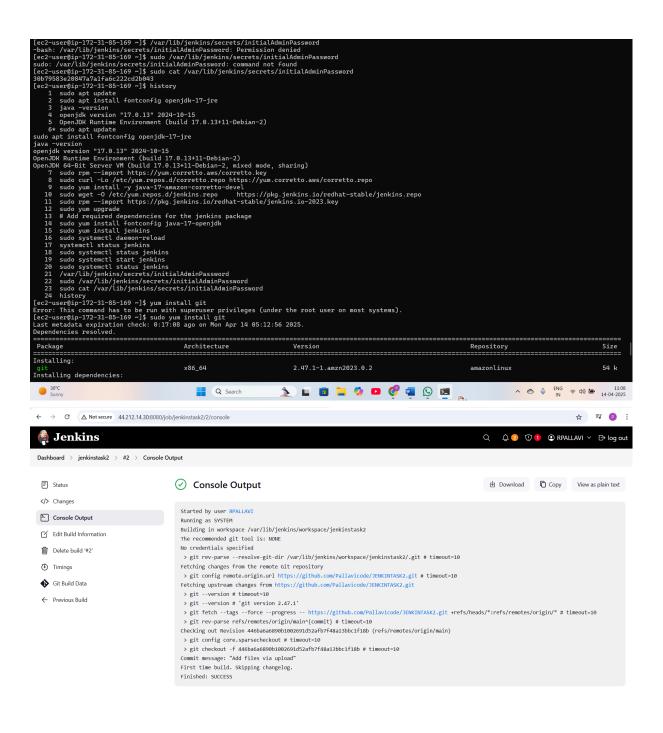Create a simple script file and push it to repo. Create a project in Jenkins connected to your GitHub repository. When a commit is made to your repo, automatically build must get triggered from Jenkins and the output must be shared to me via email.

1. Need to Install Java.
2. Need to Install jenkins from official web portal.
3. 1 sudo apt update
4. 2 sudo apt install fontconfig openjdk-17-jre
5. 3 java -version
6. 4 openjdk version "17.0.13" 2024-10-15
7. 5 OpenJDK Runtime Environment (build 17.0.13+11-Debian-2)
8. 6* sudo apt update
9. sudo apt install fontconfig openjdk-17-jre
10. java -version
11. openjdk version "17.0.13" 2024-10-15
12. OpenJDK Runtime Environment (build 17.0.13+11-Debian-2)
13. OpenJDK 64-Bit Server VM (build 17.0.13+11-Debian-2, mixed mode, sharing)
14. 7 sudo rpm --import https://yum.corretto.aws/corretto.key
15. 8 sudo curl -Lo /etc/yum.repos.d/corretto.repo https://yum.corretto.aws/corretto.repo
16. 9 sudo yum install -y java-17-amazon-corretto-devel
17. 10 sudo wget -O /etc/yum.repos.d/jenkins.repo https://pkg.jenkins.io/redhat-stable/jenkins.repo
18. 11 sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io-2023.key
19. 12 sudo yum upgrade
20. 13 # Add required dependencies for the jenkins package
21. 14 sudo yum install fontconfig java-17-openjdk
22. 15 sudo yum install jenkins
23. 16 sudo systemctl daemon-reload
24. 17 systemctl status jenkins
25. 18 sudo systemctl status jenkins
26. 19 sudo systemctl start jenkins
27. 20 sudo systemctl status jenkins
28. 21 /var/lib/jenkins/secrets/initialAdminPassword
29. 22 sudo /var/lib/jenkins/secrets/initialAdminPassword
30. 23 sudo cat /var/lib/jenkins/secrets/initialAdminPassword

```
[ec2-user@ip-172-31-85-169 ~]$ /var/lib/jenkins/secrets/initialAdminPassword
-bash: /var/lib/jenkins/secrets/initialAdminPassword: Permission denied
[ec2-user@ip-172-31-85-169 ~]$ sudo /var/lib/jenkins/secrets/initialAdminPassword
sudo: /var/lib/jenkins/secrets/initialAdminPassword: command not found
[ec2-user@ip-172-31-85-169 ~]$ sudo cat /var/lib/jenkins/secrets/initialAdminPassword
30b79583e20847a7a1fa6c222cd2b043
[ec2-user@ip-172-31-85-169 ~]$ history
    1  sudo apt update
    2  sudo apt install fontconfig openjdk-17-jre
    3  java -version
    4  openjdk version "17.0.13" 2024-10-15
    5  OpenJDK Runtime Environment (build 17.0.13+11-Debian-2)
    6* sudo apt update
sudo apt install fontconfig openjdk-17-jre
java -version
openjdk version "17.0.13" 2024-10-15
OpenJDK Runtime Environment (build 17.0.13+11-Debian-2)
OpenJDK 64-Bit Server VM (build 17.0.13+11-Debian-2, mixed mode, sharing)
    7  sudo rpm --import https://yum.corretto.aws/corretto.key
    8  sudo curl -Lo /etc/yum.repos.d/corretto.repo https://yum.corretto.aws/corretto.repo
    9  sudo yum install -y java-17-amazon-corretto-devel
   10  sudo wget -O /etc/yum.repos.d/jenkins.repo     https://pkg.jenkins.io/redhat-stable/jenkins.repo
   11  sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io-2023.key
   12  sudo yum upgrade
   13  # Add required dependencies for the jenkins package
   14  sudo yum install fontconfig java-17-openjdk
   15  sudo yum install jenkins
   16  sudo systemctl daemon-reload
   17  systemctl status jenkins
   18  sudo systemctl status jenkins
   19  sudo systemctl start jenkins
   20  sudo systemctl status jenkins
   21  /var/lib/jenkins/secrets/initialAdminPassword
   22  sudo /var/lib/jenkins/secrets/initialAdminPassword
   23  sudo cat /var/lib/jenkins/secrets/initialAdminPassword
   24  history
[ec2-user@ip-172-31-85-169 ~]$ yum install git
Error: This command has to be run with superuser privileges (under the root user on most systems).
[ec2-user@ip-172-31-85-169 ~]$ sudo yum install git
Last metadata expiration check: 0:17:08 ago on Mon Apr 14 05:12:56 2025.
Dependencies resolved.
================================================================================================================
 Package            Architecture          Version                       Repository                  Size
================================================================================================================
Installing:
 git                x86_64                2.47.1-1.amzn2023.0.2          amazonlinux                 54 k
Installing dependencies:
```

⟵ ⟶ ↻   ⚠ Not secure   44.212.14.30:8080/job/jenkinstask2/2/console   ☆   ⊡   P   ⋮

Jenkins

🔍 🔔 2 🛡 1 👤 RPALLAVI ⌄   log out

Dashboard > jenkinstask2 > #2 > Console Output

✓ **Console Output**

⬇ Download   📋 Copy   View as plain text

```
Started by user RPALLAVI
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/jenkinstask2
The recommended git tool is: NONE
No credentials specified
 > git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/jenkinstask2/.git # timeout=10
Fetching changes from the remote Git repository
 > git config remote.origin.url https://github.com/Pallavicode/JENKINTASK2.git # timeout=10
Fetching upstream changes from https://github.com/Pallavicode/JENKINTASK2.git
 > git --version # timeout=10
 > git --version # 'git version 2.47.1'
 > git fetch --tags --force --progress -- https://github.com/Pallavicode/JENKINTASK2.git +refs/heads/*:refs/remotes/origin/* # timeout=10
 > git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 446ba6a6890b1002691d52afb7f48a13bbc1f18b (refs/remotes/origin/main)
 > git config core.sparsecheckout # timeout=10
 > git checkout -f 446ba6a6890b1002691d52afb7f48a13bbc1f18b # timeout=10
Commit message: "Add files via upload"
First time build. Skipping changelog.
Finished: SUCCESS
```

REST API   Jenkins 2.492.3

Pallavicode / JENKINTASK2

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

JENKINTASK2 Public

Pin Unwatch 1 Fork 0 Star 0

main 1 Branch 0 Tags

Go to file Add file Code

Pallavicode Add files via upload 446ba6a · 3 minutes ago 1 Commit

AWS2 TASK.jpg Add files via upload 3 minutes ago

README

Add a README

Help people interested in this repository understand your project by adding a README.

Add a README

About

No description, website, or topics provided.

Activity
0 stars
1 watching
0 forks

Releases

No releases published
Create a new release

Packages

No packages published
Publish your first package

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30°C
Sunny

ENG
IN

11:09
14-04-2025

Pallavicode / JENKINTASK2

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

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.

General

Access

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Code Security

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Integrations

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.

http://44.212.14.30:8080/github-we... (push)

Edit Delete

Last delivery was successful.

30°C
Sunny

ENG
IN

11:08
14-04-2025