

1. Create 2 users: developer1, developer2. The developer1 should be able to build job1 only and can't change the job configuration. The developer2 can configure and build the job2, also he is able to view job1 but can't build/configure it.

## Create User

Username:	<input type="text" value="developer1"/>
Password:	<input type="password" value="....."/>
Confirm password:	<input type="password" value="....."/>
Full name:	<input type="text" value="developer-1"/>
E-mail address:	<input type="text" value="developer1@gmail.com"/>

Create User

## Create User

Username:	<input type="text" value="developer2"/>
Password:	<input type="password" value="....."/>
Confirm password:	<input type="password" value="....."/>
Full name:	<input type="text" value="developer2"/>
E-mail address:	<input type="text" value="developer2@gmail.com"/>

Create User



## Manage Roles

### Global roles

Role	Overall	Credentials						Agent										
	Administer	Read	Create	Delete	ManageDomains	Update	View	Build	Configure	Connect	Create	Delete	Disconnect	Provision	Build	Cancel	Cc	
<input checked="" type="checkbox"/> admin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> developer	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Role to add

Add

### Item roles

### Item roles

Role	Pattern	Credentials						Job										Run	
		Create	Delete	ManageDomains	Update	View	Build	Cancel	Configure	Create	Delete	Discover	Move	Read	Workspace	Delete	Replay	U	
<input checked="" type="checkbox"/> developer-al	"job-*.*	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/> developer1	"job-1"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/> developer2	"job-2"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Role to add




## Assign Roles

### Global roles

User/group	admin	developer	
<input checked="" type="checkbox"/> ayushtripathi	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> maithely	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Anonymous	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> developer1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> developer2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Item roles

User/group	developer-al	developer1	developer2
 developer-1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
 developer2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
 Anonymous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

developer-1

DISABLE ALL

All

S	W	Name	Last Success	Last Failure	Last Duration
		<a href="#">job-1</a>	22 hr - <a href="#">#5</a>	N/A	66 ms


Icon: [S](#) [M](#) [L](#)

[Legend](#)  [Atom feed for all](#)  [Atom feed for failures](#)  [Atom feed for just late](#)

 [Back to Dashboard](#)

 [Status](#)

 [Changes](#)

 [Build with Parameters](#)

# Project job-1

for test-1

 [Recent Changes](#)

 **Build History** [trend](#)

 [#5](#)

5 Mar 2020, 11:58

 [#4](#)

5 Mar 2020, 11:58

 [#3](#)

5 Mar 2020, 11:53

 [#2](#)

5 Mar 2020, 11:49

 [#1](#)

5 Mar 2020, 11:25

## Permalinks

- [Last build \(#5\), 1 day 0 hr ago](#)
- [Last stable build \(#5\), 1 day 0 hr ago](#)
- [Last successful build \(#5\), 1 day 0 hr ago](#)
- [Last completed build \(#5\), 1 day 0 hr ago](#)

# Project job-1

This build requires parameters:

file.txt  readme.txt



## Console Output

Started by user [developer-1](#)

Running as SYSTEM

Building in workspace /var/lib/jenkins/workspace/job-1

Copying file to file.txt

[job-1] \$ /bin/bash /tmp/jenkins8509581607397954584.sh

Installation instruction

1. Open terminal
  2. Switch to the directory where you have extracted tar compressed fil
  3. Execute the file as root.
    - a. In Ubuntu/Mint/Elementary OS or other Debian based Linux, u
    - b. In Fedora,Arch,Gentoo,Mageia or where sudo is not configure
  4. If installation is successfull, you can start xdm from Start Menu o
  5. To uninstall run /opt/xdman/uninstall.sh as root
- Finished: SUCCESS

[developer2](#) | [log out](#)

[DISABLE AUTO REFRESH](#)

All

S	W	Name ↓	Last Success	Last Failure	Last Duration
		<a href="#">job-1</a>	1 hr 0 min - <a href="#">#9</a>	N/A	39 ms
		<a href="#">job-2</a>	1 hr 15 min - <a href="#">#5</a>	N/A	43 ms

Icon: [S](#) [M](#) [L](#)

Legend [Atom feed for all](#) [Atom feed for failures](#) [Atom feed for just latest builds](#)

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 [Rename](#)

## Project job-2



[Recent Changes](#)

### Permalinks

- [Last build \(#3\), 2 min 27 sec ago](#)
- [Last stable build \(#3\), 2 min 27 sec ago](#)
- [Last successful build \(#3\), 2 min 27 sec ago](#)
- [Last completed build \(#3\), 2 min 27 sec ago](#)

 **Build History** [trend](#) 



 <b>#3</b>	6 Mar 2020, 12:01
 <b>#2</b>	6 Mar 2020, 10:31
 <b>#1</b>	6 Mar 2020, 10:10

☐ With Ant

### Build

 Execute shell

Command `echo "hello-job-2"`


[See the list of available environment variables](#)

Advanced...



## Console Output

```
Started by user developer2
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/job-2
[job-2] $ /bin/sh -xe /tmp/jenkins7215075181908425192.sh
+ echo hello-job-2
hello-job-2
Finished: SUCCESS
```

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Build History <span>trend</span>	
<input type="text" value="find"/>	
 <a href="#">#9</a>	6 Mar 2020, 12:20
 <a href="#">#8</a>	6 Mar 2020, 12:18
 <a href="#">#7</a>	6 Mar 2020, 12:09
 <a href="#">#6</a>	6 Mar 2020, 12:02
 <a href="#">#5</a>	5 Mar 2020, 11:58

## Project job-1

for test-1



[Recent Changes](#)

### Permalinks

- [Last build \(#9\), 1 hr 0 min ago](#)
- [Last stable build \(#9\), 1 hr 0 min ago](#)
- [Last successful build \(#9\), 1 hr 0 min ago](#)
- [Last completed build \(#9\), 1 hr 0 min ago](#)

2. Create a Jenkins Job to create a calculator. It should give you a dropdown to ask Addition, Subtraction, Multiplication or Division and email the results.

***Hint: Plugin Used (Environment Injector, Extended Email Notification)***

String Parameter

Name

val1

Default Value

Description

[Plain text] [Preview](#)

☐ Trim the string

Choice Parameter

Name

select

Choices

+

-

\*

%

/

Description

[Plain text]

[Preview](#)

String Parameter

Name

val2

Default Value

Description

[Plain text]

[Preview](#)

☐ Trim the string

## Build

Execute shell

Command

```
echo $val1 $select $val2 | bc
echo $val1 $select $val2 | bc > test
echo "result=$(cat test)" > test.txt
result=$(cat test)
```

See [the list of available environment variables](#)

### Inject environment variables

Properties File Path `${WORKSPACE}/test.txt`

Properties Content

Add build step ▾

## Post-build Actions

### Editable Email Notification

Disable Extended Email Publisher ☐

Allows the user to disable the publisher, while maintaining the settings

Project From `calculator`

Project Recipient List `ayush.me002@gmail.com`

Comma-separated list of email address that should receive notifications for this project.

Project Reply-To List `$DEFAULT_REPLYTO`

Comma-separated list of email address that should be in the Reply-To header for this project.



## Console Output

```
Started by user ayushtripathi
Running as SYSTEM
[EnvInject] - Loading node environment variables.
Building in workspace /var/lib/jenkins/workspace/calculator
No emails were triggered.
[EnvInject] - Executing scripts and injecting environment variables after the SCM step.
[calculator] $ /bin/sh -xe /tmp/jenkins11442940344027148448.sh
+ echo 66 + 44
+ bc
110
+ echo 66 + 44
+ bc
+ cat test
+ echo result=110
+ cat test
+ result=110
[EnvInject] - Injecting environment variables from a build step.
[EnvInject] - Injecting as environment variables the properties file path '/var/lib/jenkins/wo
[EnvInject] - Variables injected successfully.
Email was triggered for: Always
Sending email for trigger: Always
Sending email to: ayush.me002@gmail.com
Finished: SUCCESS
```

## Project calculator

This build requires parameters:

val1	<input type="text" value="54"/>
select	<input type="button" value="+"/> ▼
val2	<input type="text" value="65"/>
<input type="button" value="Build"/>	

## Console Output

```
Started by user ayushtripathi  
Running as SYSTEM  
Building in workspace /var/lib/jenkins/workspace/calculator  
[calculator] $ /bin/sh -xe /tmp/jenkins5199422816536904585.sh  
+ echo 54 + 65  
+ bc  
119  
Finished: SUCCESS
```

## Project calculator

This build requires parameters:


val1	<input type="text" value="23"/>
select	<input type="button" value="* ▼"/>
val2	<input type="text" value="5"/>

## Console Output

```
Started by user ayushtripathi  
Running as SYSTEM  
Building in workspace /var/lib/jenkins/workspace/calculator  
[calculator] $ /bin/sh -xe /tmp/jenkins6833516273413136472.sh  
+ bc  
+ echo 23 * 5  
115  
Finished: SUCCESS
```



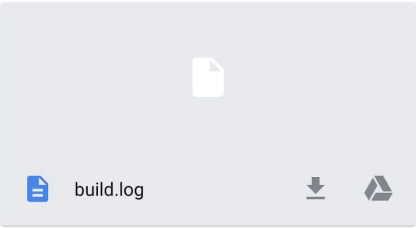
calculator - Build # 24 - Successful! Inbox ☆

 **ayush.me001@gmail...** 11:02  
to me ▾

result is 110

calculator - Build # 24 - Successful:

Check console output at <http://localhost:8080/job/calculator/24/> to view the results.



↩ Reply    ⏪ Reply all    ⏩ Forward



Execute shell

Command

```
sudo rm -rf /var/www/html/*  
sudo cp ~/jenkins/$env.html /var/www/html
```

See [the list of available environment variables](#)

## Project nginx-job

This build requires parameters:

env

Build

## Console Output

```
Started by user ayushtripathi  
Running as SYSTEM  
Building in workspace /var/lib/jenkins/workspace/nginx-job  
[nginx-job] $ /bin/sh -xe /tmp/jenkins10168219352701682328.sh  
+ sudo rm -rf /var/www/html/env1.html  
+ sudo cp /var/lib/jenkins/jenkins/env2.html /var/www/html  
Finished: SUCCESS
```

← → ↻ ⓘ localhost

 Apps  Manage and A...  Add/

this is ENV 2

# Project nginx-job

This build requires parameters:

env

Build



## Console Output

```
Started by user ayushtripathi  
Running as SYSTEM  
Building in workspace /var/lib/jenkins/workspace/nginx-job  
[nginx-job] $ /bin/sh -xe /tmp/jenkins14545417317994315833.sh  
+ sudo rm -rf /var/www/html/*  
+ sudo cp /var/lib/jenkins/jenkins/env1.html /var/www/html  
Finished: SUCCESS
```

← → ↻ ⓘ localhost

Apps Manage and A... Add/ec

this is ENV 1

# Project nginx-job

This build requires parameters:

env

Build

## Console Output

```
Started by user ayushtripathi  
Running as SYSTEM  
Building in workspace /var/lib/jenkins/workspace/nginx-job  
[nginx-job] $ /bin/sh -xe /tmp/jenkins13818549049943949711.sh  
+ sudo rm -rf /var/www/html/env1.html  
+ sudo cp /var/lib/jenkins/jenkins/env3.html /var/www/html  
Finished: SUCCESS
```

← → ↻ ⓘ localhost

 Apps  Manage and A...  Add/

---

this is ENV 3

#### 4. Create a job which on its failure will trigger another job.

Updates

Available

Installed

Advanced

Install ↓

Name

☒

[Downstream-Ext](#)  
This plugin provides extended options for triggering downstream projects.

Install without restart

Download now and install after restart

Update information

## Installing Plugins/Upgrades


### Preparation

- Checking internet connectivity
- Checking update center connectivity
- Success

WMI Windows Agents  Success

Downstream-Ext  Success

Loading plugin extensions  Success

 [Go back to the top page](#)  
(you can start using the installed plugins right away)

 ☐ Restart Jenkins when installation is complete and no jobs are running



## Post-build Actions

### Build other projects (extended)

Projects to build

Build result is

Trigger downstream job if build result meets condition


- ☐ Trigger only if downstream project has SCM changes
- ☐ Trigger only if current project has SCM changes

Add post-build action ▼

### Execute shell

Command

See [the list of available environment variables](#)

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 [Build Now](#)

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 <b>Build History</b> <a href="#">trend</a> 	
<input type="text" value="find"/> 	
 <b>#6</b>	9 Mar 2020, 09:30
 <b>#5</b>	6 Mar 2020, 12:04
 <b>#4</b>	6 Mar 2020, 12:04
 <b>#3</b>	6 Mar 2020, 12:01

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 [Workspace](#)

 [Build Now](#)

 [Delete Project](#)

 [Configure](#)

 [Rename](#)

 <b>Build History</b> <a href="#">trend</a> 	
<input type="text" value="find"/> 	
 <b>#3</b>	9 Mar 2020, 09:31
 <b>#2</b>	9 Mar 2020, 09:30

## Project job-2

 [Workspace](#)

 [Recent Changes](#)

## Upstream Projects

 [fail-build](#)

## Permalinks

- [Last build \(#6\), 9.1 sec ago](#)
- [Last stable build \(#6\), 9.1 sec ago](#)
- [Last successful build \(#6\), 9.1 sec ago](#)
- [Last completed build \(#6\), 9.1 sec ago](#)

## Project fail-build

 [Workspace](#)

 [Recent Changes](#)

## Downstream Projects


 [job-2](#)

## Permalinks

- [Last build \(#2\), 52 sec ago](#)
- [Last failed build \(#2\), 52 sec ago](#)
- [Last unsuccessful build \(#2\), 52 sec ago](#)

## Console Output

```
Started by user ayushtripathi  
Running as SYSTEM  
Building in workspace /var/lib/jenkins/workspace/fail-build  
[fail-build] $ /bin/sh -xe /tmp/jenkins15517781169255189129.sh  
+ cd /var/lib/jenkins/ssdsdvsh  
/tmp/jenkins15517781169255189129.sh: 2: cd: can't cd to /var/lib/jenkins/ssdsdvsh  
Build step 'Execute shell' marked build as failure  
Triggering a new build of job-2  
Finished: FAILURE
```

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 [Workspace](#)

 [Build Now](#)

 [Delete Project](#)

 [Configure](#)

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 Build History <span><a href="#">trend</a> </span>	
<input type="text" value="find"/>	
 <a href="#">#7</a>	9 Mar 2020, 09:31
 <a href="#">#6</a>	9 Mar 2020, 09:30

## Project job-2

 [Workspace](#)

 [Recent Changes](#)

## Upstream Projects

 [fail-build](#)

## Permalinks

- [Last build \(#6\), 24 sec ago](#)
- [Last stable build \(#6\), 24 sec ago](#)
- [Last successful build \(#6\), 24 sec ago](#)

- ```
ubuntu@ip-172-31-156-45:~$ cat script.sh
#!/bin/bash
echo $1
echo $2
ubuntu@ip-172-31-156-45:~$
```

SSH remote hosts

SSH sites

Hostname

54.167.212.137

?

Port

22

?

Credentials

ubuntu

Add

Pty

☐

?

serverAliveInterval

0

?

timeout

0

?

Check connection

Delete

☒ This project is parameterised

String Parameter

X

?

Name

par1

?

Default Value

ayush

?

Description

?

[Plain text] [Preview](#)

☐ Trim the string

?

String Parameter

X

Name

par2

Default Value

tripathi

Description

[Plain text] [Preview](#)

☐ Trim the string

Execute shell script on remote host using ssh

X

SSH site

ubuntu@54.167.212.137:22

Command

/home/ubuntu/script.sh \$par1 \$par2 | tee output.txt

Execute each line

☐

Hide command from console output

☐


?


## Console Output


```
Started by user ayushtripathi  
Running as SYSTEM  
Building in workspace /var/lib/jenkins/workspace/jenkins-ec2  
[SSH] script:  
par1="hello"  
par2="world"  
  
/home/ubuntu/script.sh $par1 $par2 | tee output.txt  
  
[SSH] executing...  
hello  
world  
  
[SSH] completed  
[SSH] exit-status: 0  
  
Finished: SUCCESS
```

```
ubuntu@ip-172-31-156-45:~$ cat output.txt  
hello  
world  
ubuntu@ip-172-31-156-45:~$
```

6. Create a job in which: Pull Dockerfile from GitHub, build it and push to Dockerhub. The docker image should have the tag: git commit id.

 ayushme001 / jenkins-docker

jenkins job to build and push image to docker hub 

 Last pushed: never

### Tags

*This repository is empty. When it's not empty, you'll see a list of the most recent tags here.*

### Readme

*Repository description is empty. Click [here](#) to edit.*

Manage topics

2 commits

1 branch

0 packages

0 r

Branch: master

New pull request

Create new file

|                  |                |
|------------------|----------------|
| ayushme001 added |                |
| Dockerfile       | added          |
| README.md        | Initial commit |
| sample.war       | added          |

README.md







jenkins-dockerhub

☒ [Authentication Tokens API Plugin](#)  
This plugin provides an API for converting credentials into authentication tokens in Jenkins.

☒ [CloudBees Docker Build and Publish plugin](#)  
This plugin enables building Dockerfile based projects, as well as publishing of the built images/repos to the docker registry.

☒ [Credentials Binding Plugin](#)  
Allows credentials to be bound to environment variables for use from miscellaneous build

### Credentials

| T                                                                                   | P                                                                                   | Store   | Domain   | ID                                   | Name                                                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|----------|--------------------------------------|-------------------------------------------------------|
|  |  | Jenkins | (global) | 570cc1f0-7a88-444a-9706-ce58caf3e47c | <a href="#">ubuntu</a>                                |
|  |  | Jenkins | (global) | 3b3aa3ef-a509-4583-8600-8096fc0e42c3 | <a href="#">ayushme001/***** (github credentials)</a> |
|  |  | Jenkins | (global) | 4401bd90-a9b5-48ce-b135-1f1d61a1d95e | <a href="#">ayushme001/***** (docker hub)</a>         |

Icon: [S](#) [M](#) [L](#)



## Source Code Management

☐ None

☒ Git

### Repositories

Repository URL

Credentials

 Add

Advanced...

Add Repository

### Branches to build

Branch Specifier (blank for 'any')

Add Branch

## Build

### Docker Build and Publish

Repository Name

Tag

Docker Host URI

Server credentials

 Add

Docker registry URL

Registry credentials

 Add

Advanced...

Add build step

## Console Output


```
Step 1/3 : FROM openjdk:8-jre-alpine
8-jre-alpine: Pulling from library/openjdk
e7c96db7181b: Pulling fs layer
f910a506b6cb: Pulling fs layer
b6abafe80f63: Pulling fs layer
f910a506b6cb: Verifying Checksum
f910a506b6cb: Download complete
e7c96db7181b: Verifying Checksum
e7c96db7181b: Download complete
e7c96db7181b: Pull complete
f910a506b6cb: Pull complete
b6abafe80f63: Verifying Checksum
b6abafe80f63: Download complete
b6abafe80f63: Pull complete
Digest: sha256:f362b165b870ef129cbe730f29065ff37399c0aa8bcab3e44b51c302938c9193
Status: Downloaded newer image for openjdk:8-jre-alpine
----> f7a292bbb70c
Step 2/3 : COPY sample.war /app.war
----> b27593dbedc1
Step 3/3 : CMD ["/usr/bin/java", "-jar", "-Dspring.profiles.active=test", "/app.war"]
----> Running in 71e742fcf6e5
Removing intermediate container 71e742fcf6e5
----> 1103327838df
Successfully built 1103327838df
Successfully tagged ayushme001/jenkins-docker:v1
```


```

[jenkins-dockerhub] $ docker tag 1103327838df ayushme001/jenkins-docker:latest
[jenkins-dockerhub] $ docker inspect 1103327838df
[jenkins-dockerhub] $ docker push ayushme001/jenkins-docker:v1
The push refers to repository [docker.io/ayushme001/jenkins-docker]
147b6f38242d: Preparing
edd61588d126: Preparing
9b9b7f3d56a0: Preparing
f1b5933fe4b5: Preparing
f1b5933fe4b5: Mounted from library/openjdk
9b9b7f3d56a0: Mounted from library/openjdk
edd61588d126: Mounted from library/openjdk
147b6f38242d: Pushed
v1: digest: sha256:be8f77552125725e66fe3b5e3dfb69c5d08679882f9781c90ff0fb00d84b226b size: 1155
[jenkins-dockerhub] $ docker push ayushme001/jenkins-docker:latest
The push refers to repository [docker.io/ayushme001/jenkins-docker]
147b6f38242d: Preparing
edd61588d126: Preparing
9b9b7f3d56a0: Preparing
f1b5933fe4b5: Preparing
edd61588d126: Layer already exists
9b9b7f3d56a0: Layer already exists
147b6f38242d: Layer already exists
f1b5933fe4b5: Layer already exists
latest: digest: sha256:be8f77552125725e66fe3b5e3dfb69c5d08679882f9781c90ff0fb00d84b226b size: 1155
Finished: SUCCESS

```







## ayushme001 / jenkins-docker

jenkins job to build and push image to docker hub 

 Last pushed: a few seconds ago

### Tags

This repository contains 3 tag(s).

|                      |                                                                                     |                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| v1                   |  |  a day ago         |
| 2043981ab0aba96c2... |  |  a few seconds ago |
| latest               |  |  a few seconds ago |

[See all](#)

## Reffrence

<https://www.techrunnr.com/build-and-push-docker-image-to-docker-hub-using-jenkins/>

## 7. Host a static website on s3.

Its static content should be in git repo. When a person commits any change in the repo, the job should automatically reflect the changes in the s3 website.

### 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](#).

✓ <https://jenkins.princeton.edu/github-webhook/> (push)

Edit

Delete

Git

Repositories

Repository URL

https://github.com/ayushme001/jenkins-s3.git

Credentials

ayushme001/\*\*\*\*\* (github credentials)

Add

Advanced...

Add Repository

Branches to build

Branch Specifier (blank for 'any')

\*/master

Add Branch

Repository browser

(Auto)

## 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

### Execute shell

Command

```
#!/bin/bash
echo "hello-world"
/usr/bin/aws s3 cp index.html s3://ayush-jenkins/
sleep 10
/usr/bin/aws s3api put-object-acl --bucket ayush-jenkins --key index.html --acl public-read
```

See [the list of available environment variables](#)

Advanced...

Add build step ▾


```
Started by user ayushtripathi
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/s3-jenkins
using credential 3b3aa3ef-a509-4583-8600-8096fc0e42c3
> git rev-parse --is-inside-work-tree # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/ayushme001/jenkins-s3.git # timeout=10
Fetching upstream changes from https://github.com/ayushme001/jenkins-s3.git
> git --version # timeout=10
using GIT_ASKPASS to set credentials github credentials
> git fetch --tags --progress -- https://github.com/ayushme001/jenkins-s3.git +refs/heads/*:refs/remotes/origin/* #
timeout=10
> git rev-parse refs/remotes/origin/master^{commit} # timeout=10
> git rev-parse refs/remotes/origin/origin/master^{commit} # timeout=10
Checking out Revision alff75a80c1017755c0d9205d317986fa74822039 (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
> git checkout -f alff75a80c1017755c0d9205d317986fa74822039 # timeout=10
Commit message: "added"
> git rev-list --no-walk alff75a80c1017755c0d9205d317986fa74822039 # timeout=10
[s3-jenkins] $ /bin/bash /tmp/jenkins1062872269726950432.sh
hello-world
Completed 22 Bytes/22 Bytes (12 Bytes/s) with 1 file(s) remaining
upload: ./index.html to s3://ayush-jenkins/index.html
Finished: SUCCESS
```

 Upload

 Create folder

Download

Actions 

| <input type="checkbox"/> | Name ▼                                                                                       |
|--------------------------|----------------------------------------------------------------------------------------------|
| <input type="checkbox"/> |  index.html |

← → ↻ ⓘ Not secure | ayush-jenkins.s3-website-us-east-1.amazonaws.com

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this is the test file