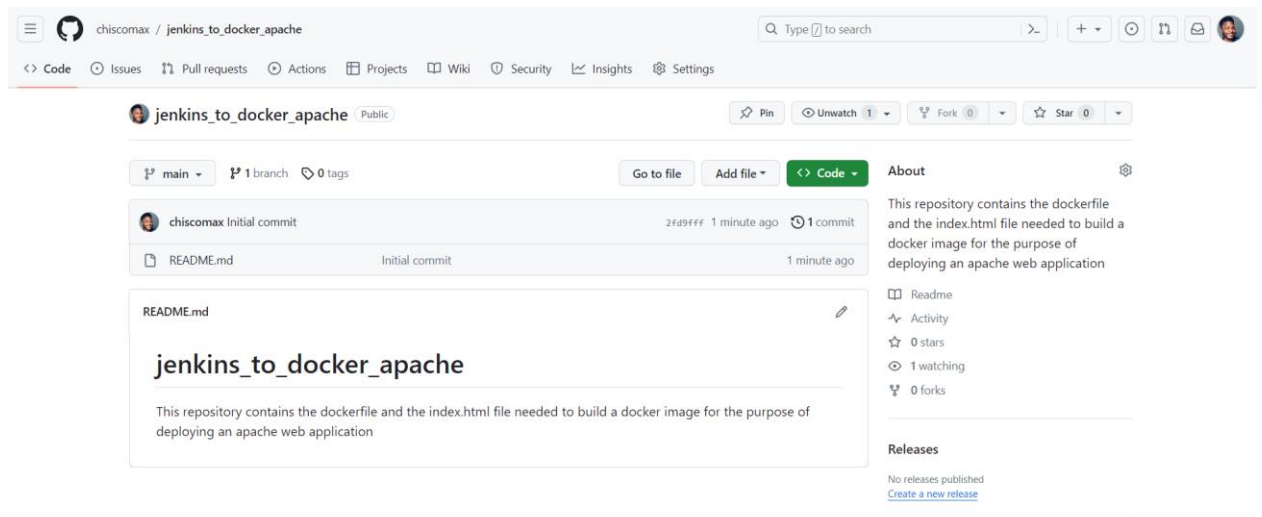


Nnadiyekwe, Chiderah David

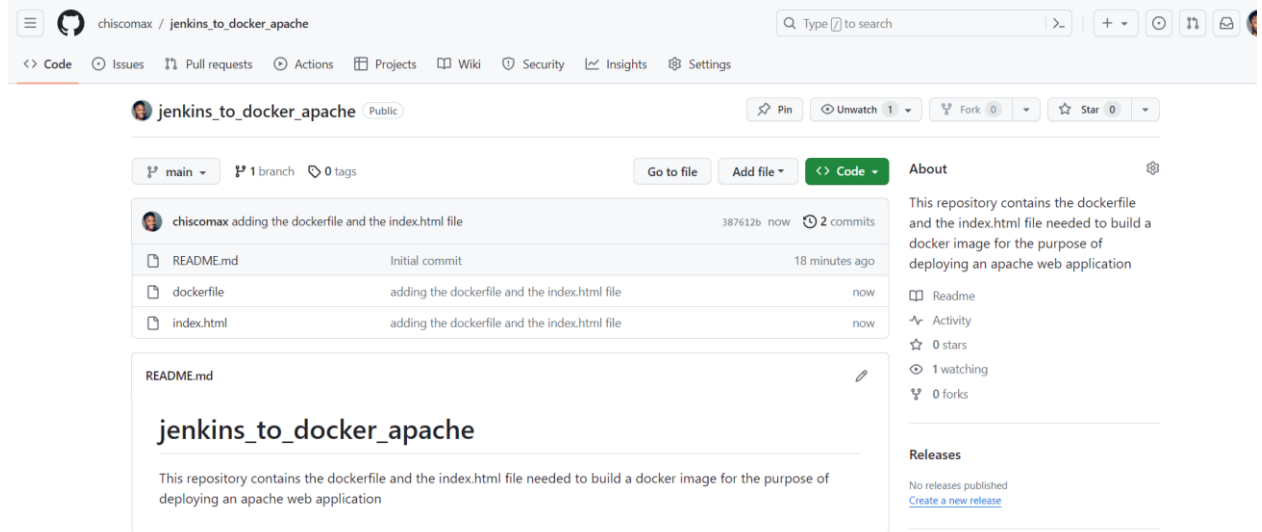
Project- Build a Jenkins pipeline using a plugin to automatically build and publish apache image to Dockerhub.

For this project, I'll be sourcing the code from github. Hence, I'll need a repository containing the dockerfile and the index.html file.

Step 1: Create a github repo containing the index.html file and the dockerfile



Next, I added the index file and the dockerfile;



Step 2: Setup git plugin on Jenkins

On Jenkins, click on create a new item.

Dashboard > All >

Enter an item name

Docker_image_builder

* Required field

- Freestyle project**
This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.
- 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.
- Organization Folder**
Creates a set of multibranch project subfolders by scanning for repositories.

OK

Dashboard > Docker_image_builder > Configuration

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

General

Enabled

Description

this pipeline will automatically build and publish a docker image

Plain text: [Preview](#)

☐ Discard old builds ?

☐ GitHub project

☐ This project is parameterised ?

☐ Throttle builds ?

☐ Execute concurrent builds if necessary ?

Advanced

Source Code Management

☐ None

☒ Git ?

Repositories ?

Set up credential to access the github repo

Dashboard > Docker_image_builder > Configuration

Configure

None

Global credentials (unrestricted)

Kind

Username with password

Scope ?

Global (Jenkins, nodes, items, all child items, etc)

Username ?

chidave01

☐ Treat username as secret ?

Password ?

ID ?

Description ?

credential to login github

Add Cancel

Additional Behaviours

Dashboard > Docker_image_builder > Configuration

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

Source Code Management

None

Git ?

Repositories ?

Repository URL ?

https://github.com/chiscomax/jenkins_to_docker_apache.git

Credentials ?

chidave01/***** (credential to login github)

+ Add

Advanced

Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?


*/main

Add Branch

Next, you need to install the docker plugin on the jenkins server using the plugins link;
<https://plugins.jenkins.io/>

← → ↻ 📄 plugins.jenkins.io

Jenkins **cd** - Blog Success Stories Documentation **Plugins** Community Subprojects Security About Download



Plugins Index

Discover the 1800+ community contributed Jenkins plugins to support building, deploying and automating any project.

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- Platforms
- User interface
- Administration
- Build management
- Source Code Management

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- Flyway API
- PostgreSQL Fingerprint Storage
- batch task
- Harbor
- Synopsys Security Scan
- Coverage
- Google Cloud Platform SDK :: Storage
- Google Cloud Platform SDK :: Auth
- Appdome Validate-2secure

Recently updated

- Apache HttpComponents Client 5.x API
- Generic Webhook Trigger
- Script Security
- Google OAuth Credentials
- MySQL Database
- Customizable Header
- MariaDB API
- GitHub Branch Source
- MATLAB
- Lockable Resources

Trending

- Testamper
- Sonargraph Integration
- Workspace Cleanup
- SonarQube Scanner
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← → ↻ 📄 plugins.jenkins.io/docker-build-publish/

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CloudBees Docker Build and Publish

[Documentation](#) [Releases](#) [Issues](#) [Dependencies](#) [Health Score](#)

[plugin v1.4.0](#) [Changelog](#) [docker-build-publish-1.4.0](#) [installs 9.7k](#)

Build and push your Docker based project to the docker registry, including private repos.

Features:

- Only a Dockerfile needed to build your project
- Publish to docker index/registry
- nocache option (for rebuild of all Dockerfile steps)
- publish option
- manage registry credentials for private and public repos
- tag the image built - use any Jenkins env. variables.

Upgrading

In versions 1.0+ the plugin uses [docker-commons-plugin](#) and the [credentials plugin](#). When upgrading you need to add the credentials to each job that uses the plugin, the global fields are no longer used.

Dockerfile as buildfile

A Dockerfile is a convenient way to express build instructions. This plugin will use the Dockerfile in the workspace (possibly previously checked out from git) and will invoke docker build to create the Docker image. The result can be automatically uploaded to the Docker Registry or a private registry.

As the Beatles song, all you need is Dockerfile, and love. If you have a Dockerfile in the root of your project, then no further configuration is needed.


Usage

Firstly, ensure you have docker running (if you are running with a agent, ensure the agent can run docker) - and that Jenkins can run docker commands.

Setup a build of any type - with a [CloudBees Docker Build and Publish](#) build step. You can use the example under [src/test/example](#) to build a very simple busybox based image, and push it to [acme/test](#).

Version: 1.4.0

Released: about a year ago
Requires Jenkins 2.263.4
ID: docker-build-publish

Installed on 3.33% of instances

[View detailed version information](#)

Links

- [GitHub](#)
- [Open issues \(Jira\)](#)
- [Report an issue \(Jira\)](#)
- [Javadoc](#)

Labels

- [Build Tools](#)
- [docker](#)

Maintainers

- [Carlos Sanchez](#)
- [Michael Neale](#)
- [Oleg Nenashv](#)
- [rsandel](#)

Help us improve this page!

To propose a change submit a pull request to the plugin page on GitHub.

plugins.jenkins.io/docker-build-publish/

Click to go back, hold to see history

CloudBees Docker Build and Publish

Documentation Releases

plugin v1.4.0 changelog docker-build-publish

Build and push your Docker base images to a registry

Features:

- Only a Dockerfile needed to build the image
- Publish to docker index/registry
- nocache option (for rebuild of all Dockerfile steps)
- publish option
- manage registry credentials for private and public repos
- tag the image built - use any Jenkins env. variables.

Upgrading

In versions 1.0+ the plugin uses `docker-commons-plugin` and the `credentials` plugin. When upgrading you need to add the credentials to each job that uses the plugin, the `global` fields are no longer used.

Dockerfile as buildfile

A Dockerfile is a convenient way to express build instructions. This plugin will use the Dockerfile in the workspace (possibly previously checked out from git) and will invoke `docker build` to create the Docker image. The result can be automatically uploaded to the Docker Registry or a private registry.

As the Beatles song, all you need is Dockerfile, and love. If you have a Dockerfile in the root of your project, then no further configuration is needed.

Usage

Firstly, ensure you have docker running (if you are running with an agent, ensure the agent can run docker) - and that Jenkins can run docker commands.

Setup a build of any type - with a `CloudBees Docker Build and Publish` build step. You can use the example under `src/test/example` to build a very simple busybox based image, and push it to `acme/test`.

Installation options

- Using the GUI: From your Jenkins dashboard navigate to **Manage Jenkins > Manage Plugins** and select the **Available** tab. Locate this plugin by searching for `docker-build-publish`.
- Using the CLI tool:
`jenkins-plugin-cli --plugins docker-build-publish:1.4.0`
- Using direct upload. Download one of the [releases](#) and upload it to your Jenkins instance.

How to install

Version: 1.4.0

Released about a year ago

Jenkins 2.263.4

docker-build-publish

Used on 3.33% of instances

View detailed version information

Links

- GitHub
- Open issues (Jira)
- Report an issue (Jira)
- Javadoc

Labels

- Build Tools
- docker

Maintainers

- Carlos Sanchez
- Michael Neale
- Oleg Nenashev
- rsandell

Help us improve this page!

To propose a change submit a pull request to the plugin page on GitHub.

← → 🔒 Not secure | 3.219.217.249:8080/manage/pluginManager/available

Jenkins

Search (CTRL+K)

Nnadike David Chiderah log out

Dashboard > Manage Jenkins > Plugins

Plugins

CloudBees Docker Build and Publish

Install

Install	Name	Released
<input checked="" type="checkbox"/>	CloudBees Docker Build and Publish 1.4.0	1 yr 3 mo ago
	Build Tools docker	
	This plugin enables building Dockerfile based projects, as well as publishing of the built images/repos to the docker registry.	

Updates

Available plugins

Installed plugins

Advanced settings

Download progress

← → 🔒 Not secure | 3.219.217.249:8080/manage/pluginManager/updates/

Jenkins

Search (CTRL+K)

Nnadike David Chiderah log out

Dashboard > Manage Jenkins > Plugins

Plugins

Updates

Available plugins

Installed plugins

Advanced settings

Download progress

Download progress

Preparation

- Checking internet connectivity
- Checking update center connectivity
- Success

Icons API	Success
Folders	Success
OWASP Markup Formatter	Success
Struts	Success
bouncycastle API	Success
Instance Identity	Success
JavaBeans Activation Framework (JAF) API	Success
JavaMail API	Success
Pipeline: Step API	Success
Token Macro	Success
Build Timeout	Success
Credentials	Success
Plain Credentials	Success
Trilead API	Success
SSH Credentials	Success
Credentials Binding	Success
SCM API	Success
Pipeline: API	Success
commons-lang3 v3.x Jenkins API	Success
Timestamp	Success
Caffeine API	Success
Script Security	Success
JAXB	Success

In order to use the plugin, we need to have docker installed in the jenkins server;

```
$ sudo su - ubuntu
ubuntu@ip-10-0-3-232:~$ docker --version
Command 'docker' not found, but can be installed with:
sudo snap install docker          # version 20.10.24, or
sudo apt install docker.io        # version 24.0.5-0ubuntu1-22.04.1
sudo apt install podman-docker    # version 3.4.4+ds1-1ubuntu1.22.04.2
See 'snap info docker' for additional versions.
ubuntu@ip-10-0-3-232:~$
```

As seen above, docker is not yet installed in the server. Hence , we need to install it. We can reference the documentation to install docker on ubuntu server here;

<https://docs.docker.com/engine/install/ubuntu/>

```
ubuntu@ip-10-0-3-232:~$ sudo apt update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease
Hit:2 http://security.ubuntu.com/ubuntu jammy-security InRelease
Hit:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease
Ign:5 https://pkg.jenkins.io/debian-stable binary/ InRelease
Hit:6 https://pkg.jenkins.io/debian-stable binary/ Release
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
10 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-10-0-3-232:~$ sudo apt-get install ca-certificates curl gnupg
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
ca-certificates is already the newest version (20230311ubuntu0.22.04.1).
ca-certificates set to manually installed.
curl is already the newest version (7.81.0-1ubuntu1.14).
curl set to manually installed.
gnupg is already the newest version (2.2.27-3ubuntu2.1).
gnupg set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 10 not upgraded.
ubuntu@ip-10-0-3-232:~$ sudo install -m 0755 -d /etc/apt/keyrings
ubuntu@ip-10-0-3-232:~$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg
ubuntu@ip-10-0-3-232:~$ sudo chmod a+r /etc/apt/keyrings/docker.gpg
ubuntu@ip-10-0-3-232:~$ echo \
"deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.gpg] https://download.docker.com/linux/ubuntu \
$(. /etc/os-release && echo "$VERSION_CODENAME") stable" | \
> sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
ubuntu@ip-10-0-3-232:~$ sudo apt-get update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease
Hit:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease
Get:4 https://download.docker.com/linux/ubuntu jammy InRelease [48.8 kB]
Ign:5 https://pkg.jenkins.io/debian-stable binary/ InRelease
Hit:6 https://pkg.jenkins.io/debian-stable binary/ Release
Hit:7 http://security.ubuntu.com/ubuntu jammy-security InRelease
Get:8 https://download.docker.com/linux/ubuntu jammy/stable amd64 Packages [22.9 kB]
Fetched 71.7 kB in 1s (59.0 kB/s)
Reading package lists... Done
ubuntu@ip-10-0-3-232:~$ sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  docker-ce-rootless-extras libltdl7 libsllp0 pigz slirp4netns
Suggested packages:
  aufs-tools cgroupfs-mount | cgroup-lite
The following NEW packages will be installed:
  containerd.io docker-buildx-plugin docker-ce docker-ce-cli docker-ce-rootless-extras docker-compose-plugin libltdl7 libsllp0 pigz slirp4netns
```

```

ubuntu@ip-10-0-3-232:~$ sudo docker run hello-world
Unable to find image 'hello-world:latest' locally
Pulling from library/hello-world
719385e32844: Pull complete
Digest: sha256:c79d06dfdfd3d3eb04cafd0dc2bacab0992ebc243e083cabe208bac4dd7759e0
Status: Downloaded newer image for hello-world:latest

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
 1. The Docker client contacted the Docker daemon.
 2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
    (amd64)
 3. The Docker daemon created a new container from that image which runs the
    executable that produces the output you are currently reading.
 4. The Docker daemon streamed that output to the Docker client, which sent it
    to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
https://hub.docker.com/

For more examples and ideas, visit:
https://docs.docker.com/get-started/

```

Verifying if docker has been successfully installed;

```

ubuntu@ip-10-0-3-232:~$ docker --version
Docker version 24.0.7, build afdd53b
ubuntu@ip-10-0-3-232:~$

```

Next, we need to add jenkins to the security group to be able to run docker commands:

“sudo usermod -a -G docker jenkins”

```

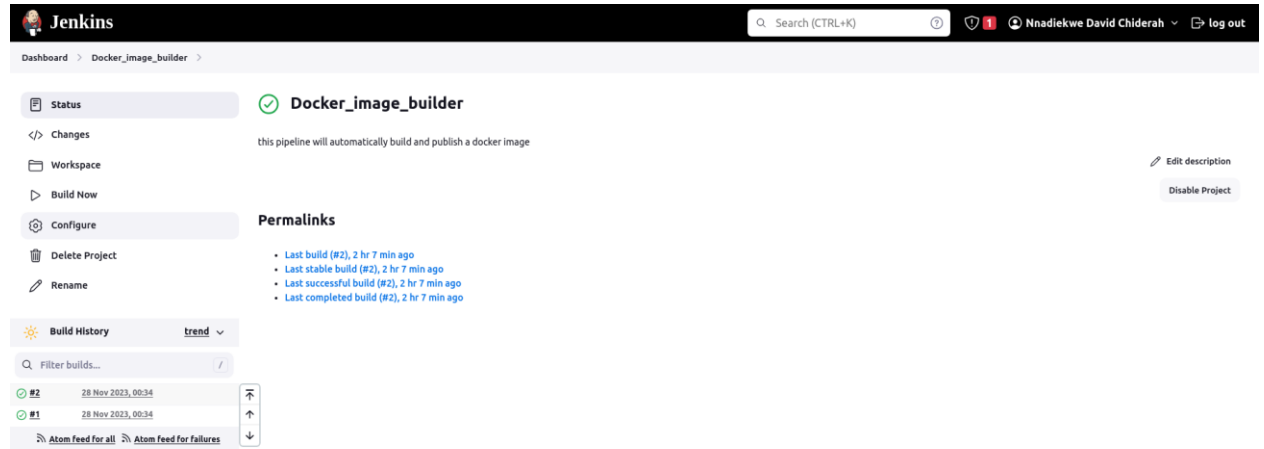
ubuntu@ip-10-0-3-232:~$ sudo usermod -a -G docker jenkins
ubuntu@ip-10-0-3-232:~$ sudo usermod -a -G docker ubuntu
ubuntu@ip-10-0-3-232:~$ docker status
docker: 'status' is not a docker command.
See 'docker --help'
ubuntu@ip-10-0-3-232:~$

```

Note: Always remember to give permission to jenkins

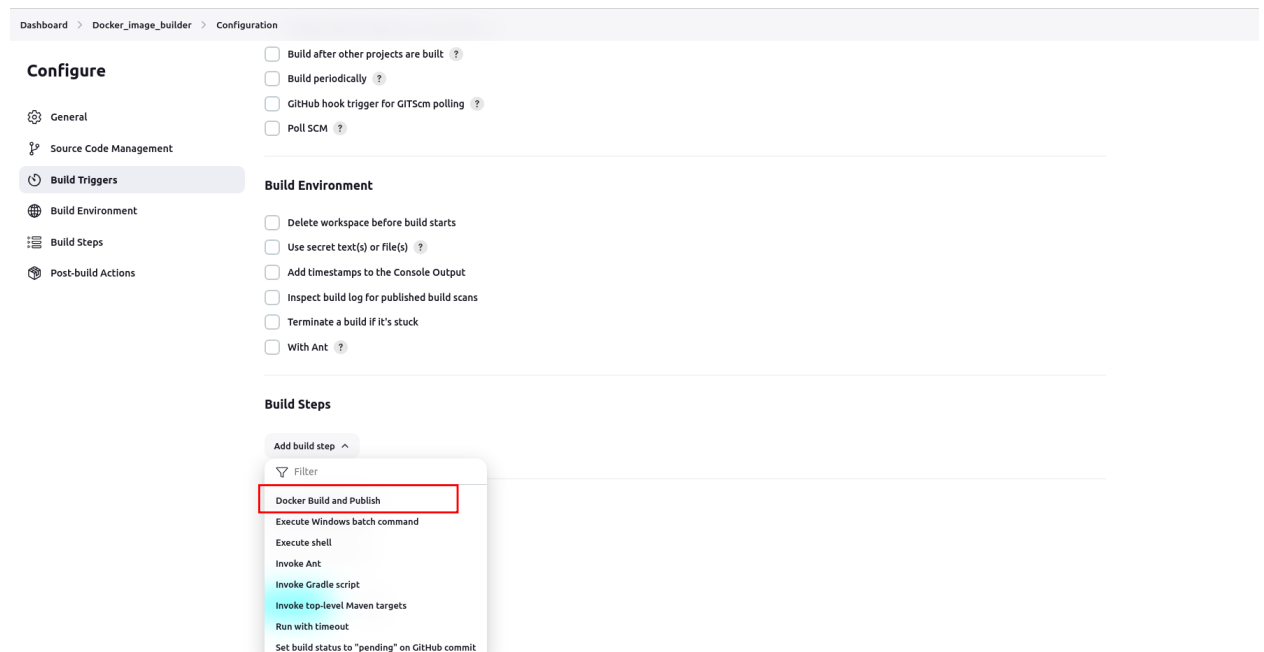
Step 3: Modify the project

Next, we need to modify the project using the “configure” option to add the build process.



The screenshot shows the Jenkins dashboard for the 'Docker_image_builder' project. The top navigation bar includes the Jenkins logo, a search bar, and user information. The left sidebar contains links to Status, Changes, Workspace, Build Now, Configure, Delete Project, and Rename. The main area displays the project name 'Docker_image_builder' with a green status icon and a description: 'this pipeline will automatically build and publish a docker image'. Below this, there are links for 'Edit description' and 'Disable Project'. A 'Permalinks' section lists recent builds. At the bottom, the 'Build History' section shows a table of builds with columns for status, build number, and timestamp.

Status	Build Number	Timestamp
Success	#2	28 Nov 2023, 00:34
Success	#1	28 Nov 2023, 00:34



The screenshot shows the Jenkins configuration page for the 'Docker_image_builder' project. The left sidebar contains links to Configuration, General, Source Code Management, Build Triggers, Build Environment, Build Steps, and Post-build Actions. The main area is divided into sections: 'Build Triggers' with checkboxes for 'Build after other projects are built', 'Build periodically', 'GitHub hook trigger for GITScm polling', and 'Poll SCM'; 'Build Environment' with checkboxes for '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', and 'With Ant'; and 'Build Steps' with a dropdown menu to 'Add build step'. The dropdown menu is open, showing a list of build steps with 'Docker Build and Publish' highlighted.

- 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
- With Ant

Build Steps

Add build step

- Filter
- Docker Build and Publish
- Execute Windows batch command
- Execute shell
- Invoke Ant
- Invoke Gradle script
- Invoke top-level Maven targets
- Run with timeout
- Set build status to "pending" on GitHub commit

Remember to add the dockerhub credentials:

URI to the Docker Host you are using. May be left blank to use the Docker default (defined by DOCKER_HOST environment variable) (typically unix:///var/run/docker.sock or tcp://127.0.0.1:2376). (from [Docker Commons Plugin](#))

Server credentials

- none -

+ Add

Docker registry URL ?

Registry credentials

chidave01/***** (credential to login to dockerhub)

+ Add

Advanced

Initially when I tried to run the build, it failed even when the permission has been given to jenkins. I had to use the command “sudo systemctl restart jenkins”. And to verify that the permission has been given to jenkins, we can login the server as jenkins “sudo su – jenkins” and run the command “docker info” to see if we have access to it.

```
ubuntu@ip-10-0-3-232:~$ sudo su - jenkins
ubuntu@ip-10-0-3-232:~$ docker info
UbuntuSoftware t for the legacy ~/.dockercfg configuration file and file-format has been removed and the configuration file will be ignored
Client: Docker Engine - Community
Version: 24.0.7
Context: default
Debug Mode: false
Plugins:
  buildx: Docker Buildx (Docker Inc.)
    Version: v0.11.2
    Path: /usr/libexec/docker/cli-plugins/docker-buildx
  compose: Docker Compose (Docker Inc.)
    Version: v2.21.0
    Path: /usr/libexec/docker/cli-plugins/docker-compose
Server:
Containers: 1
  Running: 0
  Paused: 0
  Stopped: 1
Images: 1
Server Version: 24.0.7
Storage Driver: overlay2
Backing Filesystem: extfs
```

Even with the permission, the build status still failed.

```
Click to go back, hold to see history
Dashboard > Docker_image_builder > #7 chidave01/docker_apachev2 chidave01/docker_apache:latest > Console Output

#3 [internal] load metadata for docker.io/library/centos:7
#3 DONE 0.1s

#4 [1/4] FROM docker.io/library/centos:7@sha256:be65f488b7764ad3638f236b7b515b3678369a5124c47b8d32916d6487418ea4
#4 DONE 0.0s

#5 [internal] load build context
#5 transferring context: 31B done
#5 DONE 0.0s

#6 [2/4] RUN yum -y update
#6 CACHED

#7 [3/4] RUN yum install -y httpd
#7 CACHED

#8 [4/4] COPY index.html /var/www/html
#8 CACHED

#9 exporting to image
#9 exporting layers done
#9 writing image sha256:66d9734c0fe63d2cc85f20d009998cdbac4324c0e2c1befbea7ba7e17906a99 done
#9 naming to docker.io/chidave01/docker_apache:latest
#9 naming to docker.io/chidave01/docker_apache:latest done
#9 DONE 0.0s
[Docke_image_builder] $ docker push chidave01/docker_apache:v2
WARNING: Support for the legacy ~/.dockercfg configuration file and file-format has been removed and the configuration file will be ignored
The push refers to repository [docker.io/chidave01/docker_apache]
ff8948447667: Preparing
40f34d0593d7: Preparing
4661a0ec223d: Preparing
174f56854903: Preparing
174f56854903: Layer already exists
denied: requested access to the resource is denied
Build step 'Docker Build and Publish' marked build as failure
Finished: FAILURE
```

To solve this issue, I logged in manually into docker in the server as jenkins user using the command “docker login”

```
jenkins@ip-10-0-3-232:~$ docker login
WARNING: Support for the legacy ~/.dockercfg configuration file and file-format has been removed and the configuration file will be ignored
Log in with your Docker ID or email address to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com/ to create one.
You can log in with your password or a Personal Access Token (PAT). Using a limited-scope PAT grants better security and is required for organizations using SSO. Learn more at https://docs.docker.com/go/
access-tokens/
Username: nnadiekwechiderah@gmail.com
Password:
WARNING! Your password will be stored unencrypted in /var/lib/jenkins/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
jenkins@ip-10-0-3-232:~$
```

Now, I'll retry the build process in Jenkins

```
← → ↻ ⚠ Not secure | 3.219.217.249:8080/job/Docker_image_builder/8/console
Dashboard > Docker_image_builder > #8 chidave01/docker_apachev2 chidave01/docker_apache:latest > Console Output

#7 [3/4] RUN yum install -y httpd
#7 CACHED

#8 [4/4] COPY index.html /var/www/html
#8 CACHED

#9 exporting to image
#9 exporting layers done
#9 writing image sha256:66d9734c0fe63d2cc85f20d009998cdbac4324c0e2c1befbea7ba7e17906a99
#9 writing image sha256:66d9734c0fe63d2cc85f20d009998cdbac4324c0e2c1befbea7ba7e17906a99 done
#9 naming to docker.io/chidave01/docker_apache:latest done
#9 DONE 0.0s
[Docke_image_builder] $ docker push chidave01/docker_apache:v2
The push refers to repository [docker.io/chidave01/docker_apache]
ff8948447667: Preparing
40f34d0593d7: Preparing
4661a0ec223d: Preparing
174f56854903: Preparing
174f56854903: Layer already exists
ff8948447667: Pushed
40f34d0593d7: Pushed
4661a0ec223d: Pushed
v2: digest: sha256:880db1b9501e7fe7ad938c414bbcd9bdd76f1d907050885149a13fb0fbc2c121 size: 1161
[Docke_image_builder] $ docker push chidave01/docker_apache:latest
The push refers to repository [docker.io/chidave01/docker_apache]
ff8948447667: Preparing
40f34d0593d7: Preparing
4661a0ec223d: Preparing
174f56854903: Preparing
4661a0ec223d: Layer already exists
40f34d0593d7: Layer already exists
174f56854903: Layer already exists
ff8948447667: Layer already exists
latest: digest: sha256:880db1b9501e7fe7ad938c414bbcd9bdd76f1d907050885149a13fb0fbc2c121 size: 1161
Finished: SUCCESS
```

As seen above, the build and push process is now successful.

The screenshot shows the Docker Hub interface for the repository `chidave01/docker_apache`. The page has a blue header with the Docker Hub logo, a search bar, and navigation links. Below the header, the repository name is displayed, along with a description: "Repository for containerizing apache deployment". A "Docker commands" section shows the command `docker push chidave01/docker_apache:tagname`. A "Tags" section lists three tags: `latest`, `v2`, and `v1`, each with its OS, type, and push time. An "Automated Builds" section provides information about connecting to GitHub or Bitbucket. A "Repository overview" section is also visible at the bottom.

Thunderbird Mail

dockerhub Search Docker Hub [ctrl+K] Explore Repositories Organizations Help Upgrade chidave01

chidave01 / Repositories / docker_apache / General Using 0 of 1 private repositories. [Get more](#)

General Tags Builds Collaborators Webhooks Settings

chidave01 / docker_apache

Description
Repository for containerizing apache deployment ✎
Last pushed: in a few seconds

Docker commands [Public View](#)
To push a new tag to this repository:
`docker push chidave01/docker_apache:tagname`

Tags
This repository contains 3 tag(s).

Tag	OS	Type	Pulled	Pushed
latest		Image	---	in a few seconds
v2		Image	---	in a few seconds
v1		Image	---	3 days ago

[See all](#) [Go to Advanced Image Management](#)

Automated Builds
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Repository overview ⓘ
An overview describes what your image does and how to run it. It displays in [the public view of your repository](#).
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To verify the success of the process, we can now login to dockerhub to verify.