Package Manager - Maven

Jenkins / demo-maven-pipeline / #6

- Status
- Changes
- Console Output
- Edit Build Information
- Delete build '#6'
- Timings
- Git Build Data
- Test Result
- See Fingerprints
- Pipeline Overview
- Restart from Stage
- Replay
- Pipeline Steps
- Workspaces
- Previous Build

#6 (Oct 8, 2025, 10:02:20 AM)

Build Artifacts
demo-maven-1.0-SNAPSHOT.jar 2.02 KiB view

Started by user Vinith Reddy Banda

This run spent:
- 41 ms waiting;
- 1 min 22 sec build duration;
- 1 min 22 sec total from scheduled to completion.

Revision: 46fc1ac8e8d422ab9989e0a1b486cf9d55334f98
Repository: https://github.com/vinithreddybanda/demo-maven
- refs/remotes/origin/main

Test Result (no failures)

No changes.

```
Code   Blame   27 lines (27 loc) · 542 Bytes

 1  pipeline {
 2      agent any
 3      stages {
 4          stage('Checkout') {
 5              steps { checkout scm }
 6          }
 7          stage('Build & Test') {
 8              steps {
 9                  script {
10                      if (isUnix()) {
11                          sh 'mvn -B clean test'
12                          sh 'mvn -B package'
13                      } else {
14                          bat 'mvn -B clean test'
15                          bat 'mvn -B package'
16                      }
17                  }
18              }
19          }
20          stage('Archive') {
21              steps {
22                  junit 'target/surefire-reports/*.xml'
23                  archiveArtifacts artifacts: 'target/*.jar', fingerprint: true
24              }
25          }
26      }
27  }
```

```
Code   Blame   18 lines (18 loc) · 644 Bytes

 1  <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
 2      xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
 3      <modelVersion>4.0.0</modelVersion>
 4      <groupId>com.example</groupId>
 5      <artifactId>demo-maven</artifactId>
 6      <packaging>jar</packaging>
 7      <version>1.0-SNAPSHOT</version>
 8      <name>demo-maven</name>
 9      <url>http://maven.apache.org</url>
10      <dependencies>
11          <dependency>
12              <groupId>junit</groupId>
13              <artifactId>junit</artifactId>
14              <version>3.8.1</version>
15              <scope>test</scope>
16          </dependency>
17      </dependencies>
18  </project>
```

demo-maven Public   Explain Repository   Pin   Watch 0   Fork 0

main   1 Branch   0 Tags   Go to file   Add file   Code

vinithreddybanda yml file   e4fe77e · last week   2 Commits

- src   first commit   last week
- target   yml file   last week
- .gitlab-ci.yml   yml file   last week
- Jenkinsfile   first commit   last week
- pom.xml   first commit   last week

GitLab – CI Pipeline

.gitlab-ci.yml 262 B

```
 1  stages:
 2    - build
 3    - test
 4
 5  build-job:
 6    stage: build
 7    image: maven:3.9.6-eclipse-temurin-17
 8    script:
 9      - mvn clean package
10    artifacts:
11      paths:
12        - target/*.jar
13
14  test-job:
15    stage: test
16    image: maven:3.9.6-eclipse-temurin-17
17    script:
18      - mvn test
```

Status	Pipeline	Created by	Stages
Passed 00:01:12 5 days ago	new CI #2089534604 main ef076f0f latest branch		
Passed 00:02:26 5 days ago	changes #2089531822 main 1b448216 branch		
Passed 00:02:28 5 days ago	Update .gitlab-ci.yml #2089526754 main 32c70458 branch		
Passed 00:02:27 5 days ago	Update .gitlab-ci.yml file #2089526240 main 6e0ffab6 branch		

Vinith Reddy Banda / demo-maven

Profile was successfully updated

D demo-maven

main   demo-maven   +   Find file   Code

new CI
Vinith Reddy Banda authored 5 days ago   ef076f0f   History

Name	Last commit	Last update
src	changes	5 days ago
target	first commit	1 week ago
.gitlab-ci.yml	new CI	5 days ago
Jenkinsfile	first commit	1 week ago
pom.xml	first commit	1 week ago

Getting started with Docker

```
vinit@LIFESAVERS MINGW64 /d/devops/Docker
$ docker -v
Docker version 28.3.2, build 578ccf6

vinit@LIFESAVERS MINGW64 /d/devops/Docker
$ docker pull nginx
Using default tag: latest
latest: Pulling from library/nginx
Digest: sha256:3b7732505933ca591ce4a6d860cb713ad96a3176b82f7979a8dfa9973486a0d6
Status: Image is up to date for nginx:latest
docker.io/library/nginx:latest

vinit@LIFESAVERS MINGW64 /d/devops/Docker
$ docker images
REPOSITORY                    TAG             IMAGE ID        CREATED        SIZE
nginx                         latest          07ccdb783875    7 days ago     160MB
docker/welcome-to-docker      latest          6caf772f5178    2 months ago   14.1MB
mcp/dockerhub                 <none>          25bc88dc1211    3 months ago   275MB
flask-app                     latest          c00598c3c412    3 months ago   53.8MB
docker/jcat                   <none>          f8ce0af79ce0    4 months ago   312kB
in28min/hello-world-python    0.0.1.RELEASE   6d1dfe87a934    3 years ago    91MB

vinit@LIFESAVERS MINGW64 /d/devops/Docker
$ []
```

```
vinit@LIFESAVERS MINGW64 /d/devops/Docker
$ docker ps
CONTAINER ID   IMAGE    COMMAND    CREATED    STATUS    PORTS    NAMES

vinit@LIFESAVERS MINGW64 /d/devops/Docker
$ docker ps -a
CONTAINER ID   IMAGE                                        COMMAND
S
a7be8e2f5f57   nginx                                        "/docker-entrypoint.…"
my_carson
76b298dd3b07   nginx                                        "/docker-entrypoint.…"
llible_einstein
13e79d56a61e   docker/welcome-to-docker:latest             "/docker-entrypoint.…"
ome-to-docker
8a41f9b66f64   in28min/hello-world-python:0.0.1.RELEASE    "/bin/sh -c 'python …"
ive_shaw
3a27f6a5a9bd   flask-app                                    "python3 app.py"
efied_rhodes

vinit@LIFESAVERS MINGW64 /d/devops/Docker
$
```
ds reviewers   ⊗ 0 ⚠ 0

```
vinit@LIFESAVERS MINGW64 /d/devops/Docker
$ docker run nginx
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform
onfiguration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default
h
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/d
ault.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d
efault.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2025/10/14 21:38:19 [notice] 1#1: using the "epoll" event method
2025/10/14 21:38:19 [notice] 1#1: nginx/1.29.2
2025/10/14 21:38:19 [notice] 1#1: built by gcc 14.2.0 (Debian 14.2.0-19)
2025/10/14 21:38:19 [notice] 1#1: OS: Linux 6.6.87.2-microsoft-standard-WSL2
2025/10/14 21:38:19 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
2025/10/14 21:38:19 [notice] 1#1: start worker processes
2025/10/14 21:38:19 [notice] 1#1: start worker process 29
2025/10/14 21:38:19 [notice] 1#1: start worker process 30
2025/10/14 21:38:19 [notice] 1#1: start worker process 31
2025/10/14 21:38:19 [notice] 1#1: start worker process 32
2025/10/14 21:38:19 [notice] 1#1: start worker process 33
2025/10/14 21:38:19 [notice] 1#1: start worker process 34
2025/10/14 21:38:19 [notice] 1#1: start worker process 35
2025/10/14 21:38:19 [notice] 1#1: start worker process 36
2025/10/14 21:38:19 [notice] 1#1: start worker process 37
2025/10/14 21:38:19 [notice] 1#1: start worker process 38
2025/10/14 21:38:19 [notice] 1#1: start worker process 39
2025/10/14 21:38:19 [notice] 1#1: start worker process 40
2025/10/14 21:38:19 [notice] 1#1: start worker process 41
2025/10/14 21:38:19 [notice] 1#1: start worker process 42
2025/10/14 21:38:19 [notice] 1#1: start worker process 43
```

Images Give feedback
View and manage your local and Docker Hub images. Learn more

Local   My Hub

318.8 MB / 585.64 MB in use   6 images   Last refresh: 4 minutes ago

	Name	Tag	Image ID	Created	Size	Actions	
☐	● nginx	latest	07ccdb783875	7 days ago	159.97 MB	⇄ ▷ ⋮	🗑
☐	● docker/welcome-to-do	latest	6caf772f5178	3 months ago	14.06 MB	⇄ ▷ ⋮	🗑
☐	○ mcp/dockerhub	<none>	25bc88dc1211	3 months ago	274.82 MB	⇄ ▷ ⋮	🗑
☐	● flask-app	latest	c00598c3c412	4 months ago	53.77 MB	⇄ ▷ ⋮	🗑
☐	○ docker/jcat	<none>	f8ce0af79ce0	5 months ago	312.47 KB	⇄ ▷ ⋮	🗑
☐	○ in28min/hello-world-p	0.0.1.RELEASE	6d1dfe87a934	3 years ago	90.99 MB	⇄ ▷ ⋮	🗑

Creating a Docker File

```
vinit@LIFESAVERS MINGW64 /d/devops/Docker
$ mkdir my-docker-app

vinit@LIFESAVERS MINGW64 /d/devops/Docker
$ cd my-docker-app

vinit@LIFESAVERS MINGW64 /d/devops/Docker/my-docker-app
$ docker build -t my_docker_build .
[+] Building 0.7s (7/7) FINISHED                              docker:desktop-linux
 => [internal] load build definition from Dockerfile                        0.3s
 => => transferring dockerfile: 77B                                         0.2s
 => [internal] load metadata for docker.io/library/nginx:latest            0.0s
 => [internal] load .dockerignore                                          0.0s
 => => transferring context: 2B                                            0.0s
 => [internal] load build context                                          0.1s
 => => transferring context: 155B                                          0.0s
 => [1/2] FROM docker.io/library/nginx:latest                              0.1s
 => [2/2] COPY . /usr/share/nginx/html                                     0.0s
 => exporting to image                                                     0.1s
 => => exporting layers                                                    0.0s
 => => writing image sha256:cf2293034db2ae4453a5caca896143529c9693347e1e47f04  0.0s
 => => naming to docker.io/library/my_docker_build                         0.0s

View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/jhs
qi5cveecokueidjwuqyfwu

vinit@LIFESAVERS MINGW64 /d/devops/Docker/my-docker-app
$
```

```
🐳 Dockerfile   ✕

my-docker-app > 🐳 Dockerfile > ...
  1   FROM nginx
  2   COPY . /usr/share/nginx/html
```

```
vinit@LIFESAVERS MINGW64 /d/devops/Docker/my-docker-app
$ docker build -t my_docker_build .
[+] Building 0.2s (7/7) FINISHED                              docker:desktop-linux
 => [internal] load build definition from Dockerfile                        0.0s
 => => transferring dockerfile: 77B                                         0.0s
 => [internal] load metadata for docker.io/library/nginx:latest            0.0s
 => [internal] load .dockerignore                                          0.0s
 => => transferring context: 2B                                            0.0s
 => [internal] load build context                                          0.0s
 => => transferring context: 104B                                          0.0s
 => CACHED [1/2] FROM docker.io/library/nginx:latest                       0.0s
 => [2/2] COPY . /usr/share/nginx/html                                     0.0s
 => exporting to image                                                     0.0s
 => => exporting layers                                                    0.0s
 => => writing image sha256:4217f770946ddef34af19b06aadfb7c53c183d7105f507a6e  0.0s
 => => naming to docker.io/library/my_docker_build                         0.0s

View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/5jl
zwxnfh1m219k0eckha23nv
```

```
vinit@LIFESAVERS MINGW64 /d/devops/Docker/my-docker-app
$ docker run -d -p 8071:80 my_docker_build
dfa468abf6f1e14c1168f73e8409ddbf6b63a1b76587a697f563a6a2804a03c1

vinit@LIFESAVERS MINGW64 /d/devops/Docker/my-docker-app
$ []
```

← → C ⓘ localhost:8071

Hello World!! This is Vin
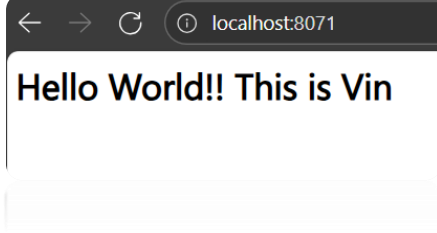
```
vinit@LIFESAVERS MINGW64 /d/devops/Docker/my-docker-app
$ docker login
Authenticating with existing credentials... [Username: vinithreddyabanda]

ℹ Info → To login with a different account, run 'docker logout' followed by 'docker
login'


Login Succeeded

vinit@LIFESAVERS MINGW64 /d/devops/Docker/my-docker-app
$ docker tag my_docker_build vinithreddybanda/my_docker_build:latest
```