



Jenkins Shared Libraries

Jenkins Pipeline Job Using Shared Libraries:

The screenshot shows the Jenkins dashboard. On the left, there are links for 'New Item', 'Build History', 'Project Relationship', and 'Check File Fingerprint'. Below these is a 'Build Queue' section which is currently empty. To the right is a table for the 'jenkins-shared-lib' job, showing its status (green checkmark), last success (15 min ago), last failure (53 min ago), and last duration (21 sec). At the bottom, there's a 'Build Executor Status' section and a REST API link.

Standardized Pipeline Job Execution Across Stages Using Centralized Shared Libraries:

The screenshot shows the Jenkins Pipeline Overview for job #11. It displays a timeline of stages: Start, Checkout SCM, Initialize, Checkout, Build & Test, Docker Build & Push, Deploy to Kubernetes, and Post Actions. Each stage is marked with a green checkmark indicating success. Below the timeline, a detailed log is shown, starting with 'Checkout SCM' (0.58s) and ending with 'Post Actions' (64ms). The log also includes 'Deployment successful' and 'Deployed Image: semever/springboot-demo-app:11'. The bottom of the screen shows a taskbar with various icons and system status.

Docker Image Published to Docker Hub Registry:

Repositories / [springboot-demo-app](#) / General

Using 1 of 1 private repositories.

semever/springboot-demo-app

Last pushed 4 minutes ago • Repository size: 140.1 MB • ⭐0 • ↓18

Add a description

Add a category

General Tags Image Management BETA Collaborators Webhooks Settings

Tags

This repository contains 4 tag(s).

| Tag | OS | Type | Pulled | Pushed |
|-----|----|-------|-----------------|--------------|
| 11 | | Image | less than 1 day | 4 minutes |
| 10 | | Image | less than 1 day | 20 minutes |
| 9 | | Image | less than 1 day | 35 minutes |
| 8 | | Image | less than 1 day | 41 minutes |
| 7 | | Image | less than 1 day | about 1 hour |

DOCKER SCOUT INACTIVE
[Activate](#)

Docker commands

To push a new tag to this repository:

```
docker push semever/springboot-demo-app:tag name
```

buildcloud

Build with **Docker Build Cloud**

Accelerate image build times with access to cloud-based builders and shared cache.

Docker Build Cloud executes builds on optimally-dimensioned cloud infrastructure with dedicated per-organization isolation.

Get faster builds through shared caching across your team, native multi-platform support, and encrypted data transfer - all without managing infrastructure.

[Go to Docker Build Cloud](#)

20:13 15-12-2025

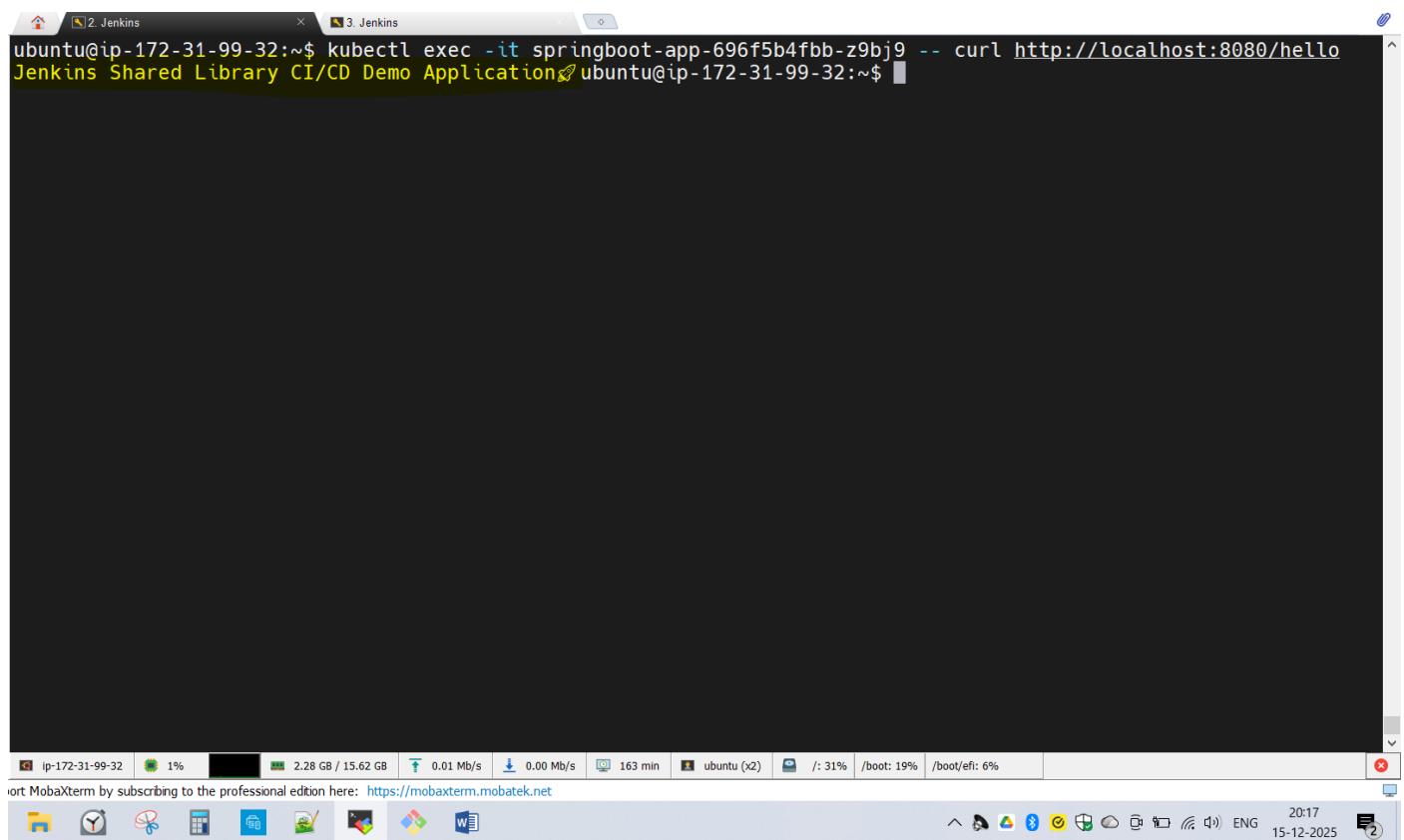
Application Deployed to Kubernetes Cluster Using Images Pulled from Docker Hub:

```
ubuntu@ip-172-31-99-32:~$ kubectl get pods
NAME                  READY   STATUS    RESTARTS   AGE
springboot-app-696f5b4fbb-z9bj9   1/1     Running   0          4m7s
ubuntu@ip-172-31-99-32:~$
```

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Successful Application Response Confirmed through curl Command:



```
ubuntu@ip-172-31-99-32:~$ kubectl exec -it springboot-app-696f5b4fbb-z9bj9 -- curl http://localhost:8080/hello
Jenkins Shared Library CI/CD Demo Application
ubuntu@ip-172-31-99-32:~$
```

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