

aws

Services

Search

[Alt+S]

Mumbai

BhaskarRao

New EC2 Experience

Learn more

EC2 Dashboard

EC2 Global View

Events

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Instances (2) Info

Refresh

Connect

Instance state

Actions

Launch instances

Find instance by attribute or tag (case-sensitive)

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	
<input type="checkbox"/>	Dev	i-07b628378cb92281c	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1b	
<input type="checkbox"/>	Test	i-0657cfb4e01df43eb	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1b	

Select an instance


* Install Jenkins, Java, Maven & start the jenkins with the customized port = 443.

```
aws Services Search [Alt+S]
[root@jenkins ~]# java -jar jenkins.war --httpPort=443
Running from: /root/.jenkins.war
webroot: /root/.jenkins/war
2023-05-31 10:04:33.966+0000 [id=1] INFO winstone.Logger$logInternal: Beginning extraction from war file
2023-05-31 10:04:34.167+0000 [id=1] WARNING o.e.j.s.handler.ContextHandler$setContextPath: Empty contextPath
2023-05-31 10:04:34.342+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: jetty-10.0.13; built: 2022-12-07T20:13:20.134Z; git: 1c2636ea05c0ca8de1ffd6ca7f3a98ac084c766d; jvm 17.0.7+7-LTS
2023-05-31 10:04:34.967+0000 [id=1] INFO o.e.j.w.StandardDescriptorProcessor$visitServlet: NO JSP Support for /, did not find org.eclipse.jetty.jsp.JettyJspServlet
2023-05-31 10:04:35.096+0000 [id=1] INFO o.e.j.s.s.DefaultSessionIdManager#doStart: Session workerName=node0
2023-05-31 10:04:36.124+0000 [id=1] INFO hudson.WebAppMain#contextInitialized: Jenkins home directory: /root/.jenkins found at: $user.home/.jenkins
2023-05-31 10:04:36.353+0000 [id=1] INFO o.e.j.s.handler.ContextHandler#doStart: Started w.@733037{Jenkins v2.387.3,/,file:///root/.jenkins/war/,AVAILABLE}{/root/.jenkins/war}
2023-05-31 10:04:36.402+0000 [id=1] INFO o.e.j.server.AbstractConnector#doStart: Started ServerConnector@64d2d351{HTTP/1.1, (http/1.1)}{0.0.0.0:443}
2023-05-31 10:04:36.427+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: Started Server@780cb77{STARTING}[10.0.13,sto=0] @3505ms
2023-05-31 10:04:36.439+0000 [id=25] INFO winstone.Logger$logInternal: Winstone Servlet Engine running: controlPort=disabled
2023-05-31 10:04:37.005+0000 [id=31] INFO jenkins.InitReactorRunner$1#onAttained: Started initialization
2023-05-31 10:04:37.289+0000 [id=30] INFO jenkins.InitReactorRunner$1#onAttained: Listed all plugins
2023-05-31 10:04:45.757+0000 [id=30] INFO jenkins.InitReactorRunner$1#onAttained: Prepared all plugins
2023-05-31 10:04:45.854+0000 [id=31] INFO jenkins.InitReactorRunner$1#onAttained: Started all plugins
2023-05-31 10:04:47.085+0000 [id=31] INFO h.p.b.g.GlobalTimeoutConfiguration#load: global timeout not set
2023-05-31 10:04:48.625+0000 [id=30] INFO jenkins.InitReactorRunner$1#onAttained: Augmented all extensions
2023-05-31 10:04:49.374+0000 [id=31] INFO jenkins.InitReactorRunner$1#onAttained: System config loaded
2023-05-31 10:04:49.470+0000 [id=30] INFO jenkins.InitReactorRunner$1#onAttained: System config adapted
2023-05-31 10:04:49.497+0000 [id=30] INFO jenkins.InitReactorRunner$1#onAttained: Loaded all jobs
2023-05-31 10:04:49.502+0000 [id=31] INFO jenkins.InitReactorRunner$1#onAttained: Configuration for all jobs updated
2023-05-31 10:04:49.710+0000 [id=31] INFO jenkins.InitReactorRunner$1#onAttained: Completed initialization
2023-05-31 10:04:49.838+0000 [id=24] INFO hudson.lifecycle.Lifecycle#onReady: Jenkins is fully up and running
```

* Install Tomcat and java & after installing unzip the tomcat from zip to unzip.

```
aws Services Search [Alt+S] Mumbai BhaskarRao  
[root@tomcat9 ~]# ls  
apache-tomcat-9.0.75 apache-tomcat-9.0.75-windows-x64.zip  
[root@tomcat9 ~]#
```

* Create one (free style job) with the name Developement.

 **Jenkins**

Search (CTRL+K) ?

! 1 admin log out

Dashboard >

+ New Item

People

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

All +

S	W	Name ↓	Last Success	Last Failure	Last Duration
✓	☁	Developement	2 hr 40 min #31	2 hr 45 min #30	6.7 sec ▶
✓	☀	Testing	2 hr 39 min #11	17 hr #5	1.2 sec ▶

Icon: S M L

Icon legend

Atom feed for all

Atom feed for failures

Atom feed for just latest builds

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

Add description

- * In Dev Job - SCM - Git - give github url of your own repo.
- * If your giving private repo you should give credentials and password[Github Personnel Access Token],
- * For public repo you shouldn't give credentials.

Dashboard > **Development** > Configuration

Configure

General

Source Code Management

Build Triggers

Build Environment

Build Steps

Post-build Actions

☐ None

☒ **Git** ?

Repositories ?

Repository URL ?

https://github.com/BhaskarRao-D/PrivateJenkins-HelloWorld.git

Credentials ?

Wissen/*****

Add

Advanced

Add Repository







Save

Apply

Give Package(It will package the source code and generate the artifact) in
Invoke top-level maven targets.

Dashboard > Development > Configuration

Configure

-  General
-  Source Code Management
-  Build Triggers
-  **Build Environment**
-  Build Steps
-  Post-build Actions

- ☐ Set GitHub commit status with custom context and message (Must configure upstream job using GHPRB trigger) ?
- ☐ Terminate a build if it's stuck
- ☐ With Ant ?

Build Steps

≡ Invoke top-level Maven targets ?

Goals

package

Advanced ▾

Add build step ▾

Save

Apply

Configure

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps
- Post-build Actions**

Deploy war/ear to a container

WAR/EAR files ?

**/*.war

Context path ?

dev

Containers

Tomcat 9.x Remote

Give tomcat credentials.

Credentials

dev/*****

Add

Tomcat URL ?







http://172.31.3.225:80

Give privateip of tomcat and tomcat port number.

Save

Apply

Configure

-  General
-  Source Code Management
-  Build Triggers
-  Build Environment
-  Build Steps
-  **Post-build Actions**

Advanced ▾

Build other projects ?

Projects to build

Testing

* Give job 2(testing) in build other projects. if job 1 executed job 2 will also executes.

- ☒ Trigger only if build is stable
- ☐ Trigger even if the build is unstable
- ☐ Trigger even if the build fails

Deploy war/ear to a container

WAR/EAR files ?

Save

Apply

* Archive the artifacts - `**/*.war` [It will archive the artifact into the job -2.

Dashboard > **Development** > Configuration

Configure

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps**
- Post-build Actions

Advanced ▾

Add build step ▾

Post-build Actions

≡ **Archive the artifacts** ?

Files to archive ?

`**/*.war`

Advanced ▾

≡ **Build other projects** ?

Save

Apply

As you archived the artifact in job -1, same way by going it to job -2 you should take build steps and give developement, so it will copy artifact from job 1 to job 2.

Dashboard > **Testing** > Configuration

Configure

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps**
- Post-build Actions

Copy artifacts from another project

Project name ?

Developement

Which build ?

Latest successful build

☐ Stable build only

Artifacts to copy ?

Artifacts not to copy ?

Target directory ?

Save

Apply

Configure

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps
- Post-build Actions**

Deploy war/ear to a container

WAR/EAR files ?

**/*.war

Context path ?

test

Containers

Tomcat 9.x Remote

Credentials

testing/*****

Add

Tomcat URL ?

http://172.31.3.225:80

Save

Apply

You should give another testing cred in tomcat by creating in tomcat server.

+ New Item

People

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

All

+

Add description

S	W	Name ↓	Last Success	Last Failure	Last Duration	
✓	☁	Developement	19 sec #33	1 min 26 sec #32	7.6 sec	▶
✓	☀	Testing	5.7 sec #12	17 hr #5	1.2 sec	▶

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Developement #34

Icon: S M L

Icon legend

Atom feed for all

Atom feed for failures

Atom feed for just latest builds

* As, i said in previous screenshot, if you run dev job-1, job-2 will be executed automatically, becoz you mentioned the step [build other projects - job2].

+ New Item

👤 People

📁 Build History

🕒 Project Relationship

🔍 Check File Fingerprint

⚙️ Manage Jenkins

📅 My Views

✎ Add description

All +						
S	W	Name ↓	Last Success	Last Failure	Last Duration	
✓	☁	Developement	19 sec #33	1 min 26 sec #32	7.6 sec	▶
✓	☀	Testing	5.7 sec #12	17 hr #5	1.2 sec	▶

Build Queue (1) ▼

Testing 

Build Executor Status ▼

1 Idle

2 Idle

Icon: S M L

Icon legend

📡 Atom feed for all

📡 Atom feed for failures

📡 Atom feed for just latest builds

Job-1 executes, job-2 in queue section.

Adrenalin MA x Mail - Damul x Instances | EC x EC2 Instance x EC2 Instance x Dashboard x GitHub x Hello World2! x

Not secure | 3.110.164.41/dev/ Dev application

AWS Skill Builder Welcome to adrena... The 6 Pillars of the... AWS Cloud EC2 Inst... AWS Well-Architect... AWS EC2 Instance T... Introduction to AW... AWS::EC2::SubnetR...

Hello World! Welcome to Devops Training

Devops Training

It is now Wed May 31 10:12:55 UTC 2023

You are coming from 106.51.122.2

private of tomat and
context path.

Windows taskbar with search bar, taskbar icons (Wissen, Firefox, Calendar, Mail, File Explorer, Edge, Chrome, Teams), system tray (31°C Partly sunny, 15:45, 31-05-2023).

Browser tabs: Adrenalin MA x, Mail - Damul x, Instances | EC x, EC2 Instance x, EC2 Instance x, Dashboard x, GitHub x, Hello World2! x

Address bar: Not secure | 3.110.164.41/test/ | Deployed the artifact into tomcat server.

Browser bookmarks: AWS Skill Builder, Welcome to adrena..., The 6 Pillars of the..., AWS Cloud EC2 Inst..., AWS Well-Architect..., AWS EC2 Instance T..., Introduction to AW..., AWS::EC2::SubnetR...

Hello World! Welcome to Devops Training

Devops Training

It is now Wed May 31 10:13:05 UTC 2023

You are coming from 106.51.122.2

Windows taskbar: Search bar (Type here to search), Task View, Firefox, Calendar, Mail, File Explorer, Edge, Chrome, Teams, System tray (31°C Partly sunny, 15:45, 31-05-2023)

[Pull requests](#) [Issues](#) [Codespaces](#) [Marketplace](#) [Explore](#)[kannavardhan / food](#) Public[Watch](#) 1[Fork](#) 0[Star](#) 0[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Security](#) [Insights](#)[master](#) 2 branches 0 tags[Go to file](#)[Add file](#)[Code](#)

About

food

0 stars

1 watching

0 forks

[Report repository](#)

Releases

No releases published

Packages

No packages published

kannavardhan Merge pull request #1 from BhaskarRao-D/master ... 4dbbef6 4 hours ago 3 commits

food website/food website foodsourcecode last year

cicd-docker 1.txt Add files via upload 4 hours ago

I have taken the github url
from an emp, and i have
uploaded a file.

[Pull requests](#) [Issues](#) [Codespaces](#) [Marketplace](#) [Explore](#)[BhaskarRao-D / food](#) Publicforked from [kannavardhan/food](#)[Pin](#)[Watch](#) 0[Fork](#) 1[Star](#) 0[Code](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

master 1 branch 0 tags

[Go to file](#)[Add file](#)[Code](#)

This branch is 1 commit ahead of kannavardhan:master.

[Contribute](#) [Sync fork](#)

BhaskarRao-D Add files via upload

7b2ad57 2 minutes ago 4 commits



food website/food website

foodsourcecode

last year



cicd-docker 1.txt

Add files via upload

4 hours ago



image002.emz

Add files via upload

Uploaded a file.

2 minutes ago

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

[Add a README](#)

About

food

0 stars

0 watching

1 fork

Releases

No releases published

[Create a new release](#)

Packages

No packages published

[Publish your first package](#)<https://github.com/BhaskarRao-D/food/pulls>

* By clicking the fork and uploaded the file, and create a pull request then notification will sent to master-github url, then he will committed and file will be uploaded permanently.

<> Code Issues Pull requests Actions Projects Security Insights

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).

base repository: kannavardhan/food base: master head repository: BhaskarRao-D/food compare: master ✓ Able to merge. These branches can be automatically merged.

Discuss and review the changes in this comparison with others. [Learn about pull requests](#)

Create pull request

1 commit

1 file changed

1 contributor

Commits on May 31, 2023

Add files via upload

BhaskarRao-D committed 2 minutes ago

Verified



7b2ad57



Showing 1 changed file with 0 additions and 0 deletions.

Split

Unified

BIN +1.63 KB image002.emz

Binary file not shown.

Configure

- General
- Source Code Management
- Build Triggers
- Build Environment**
- Build Steps
- Post-build Actions

- ☐ GitHub hook trigger for GITScm polling ?
- ☐ Poll SCM ?

Build Environment

- ☐ Delete workspace before build starts
- ☒ **Use secret text(s) or file(s) ?**

Bindings

Add

Filter

Certificate

Git Username and Password

SSH User Private Key

Secret ZIP file

Secret file

Secret text

Username and password (conjoined)

Username and password (separated)

Save Apply

Activate Windows
Go to Settings to activate Windows.

Configure

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps
- Post-build Actions

☒ Use secret text(s) or file(s) ?

Bindings

≡ Secret text ?

Variable ?

Held

Give description name as variable.

Credentials ?

☒ Specific credentials ☐ Parameter expression

dev-secret

Create a credentials by clicking on Add.

Add ▾

- ☐ Add timestamps to the Console Output
- ☐ Inspect build log for published build scans

Save Apply

Activate Windows
Go to Settings to activate Windows.