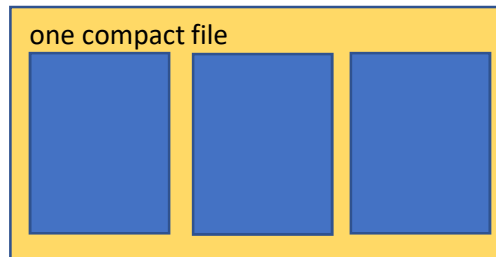


image file

One compact file built by combing all libraries/files of an application

Images are read only / ready to use

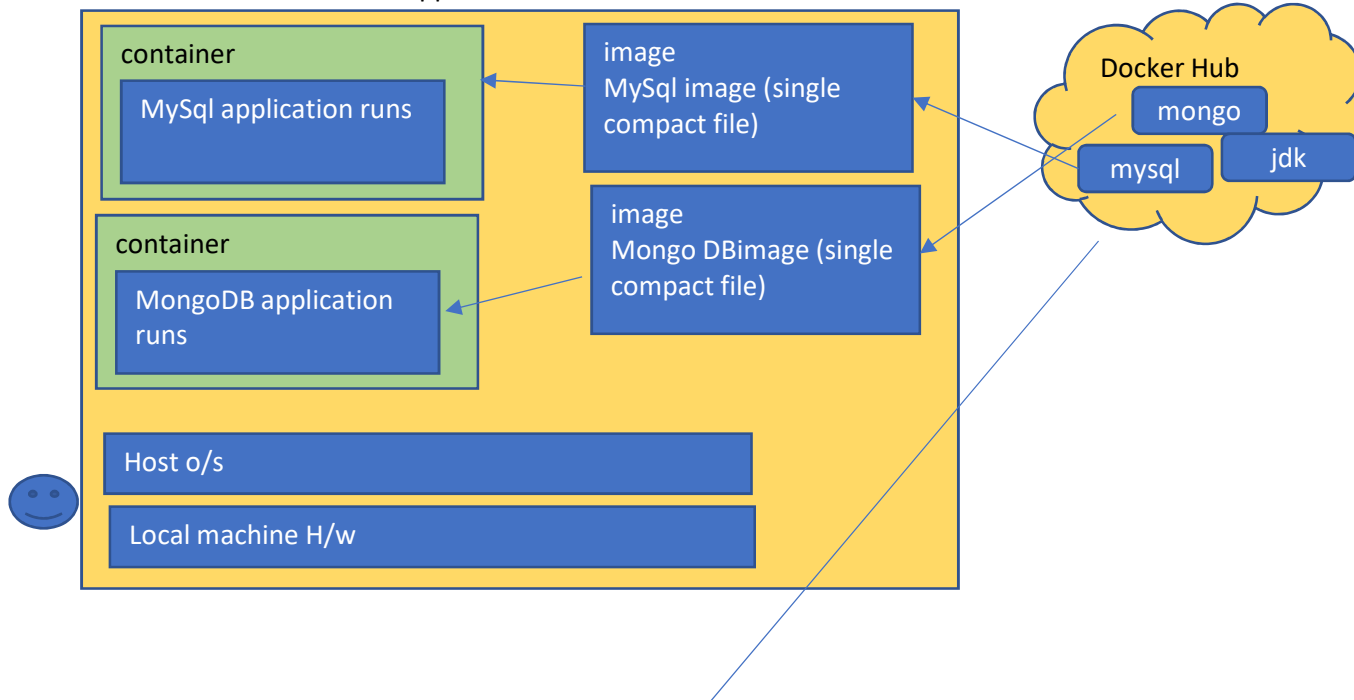


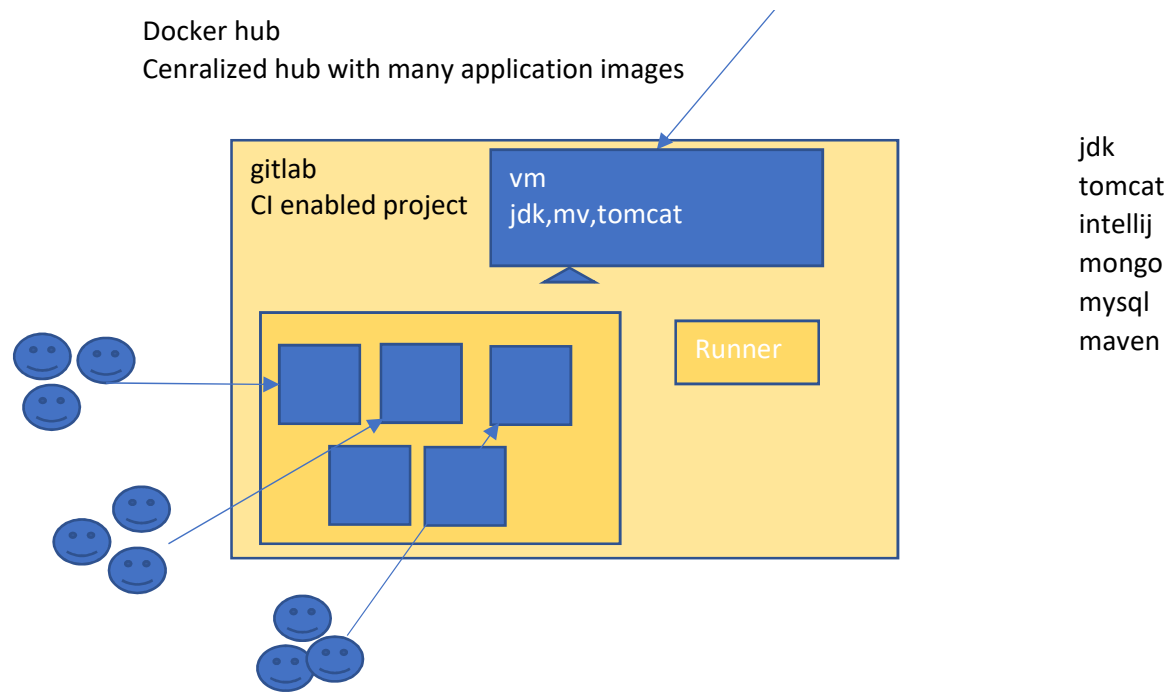
How to use image

Images can be executed as applications in containers

Container

Virtual environment for an application to run





Steps to enable CI on our project

- Step 1 Make sure one springboot application ready with all layers with crud operations including testings

- Step 2 Push above project to myrepos root folder of the repos
 created new repos
 cloned to local machine
 copy all project files into cloned folder
 push to master

B

be_c3_s2_ci_all_layers-testing

Star 0 Fork 0

1 Commit

1 Branch

0 Tags

502 KB Files

502 KB Storage

be_c3_s2_ci_all_layers-testing

Auto DevOps

It will automatically build, test, and deploy your application based on a predefined CI/CD configuration.

[Learn more in the Auto DevOps documentation](#)

Enable in settings

master

be_c3_s2_ci_all_layers-testing /

History

Find file

Web IDE

Clone

1st
rajeshwar.munnam@niit.com authored 1 minute ago

cb7d5ba5

Add README

Add LICENSE

Add CHANGELOG

Add CONTRIBUTING

Add Kubernetes cluster

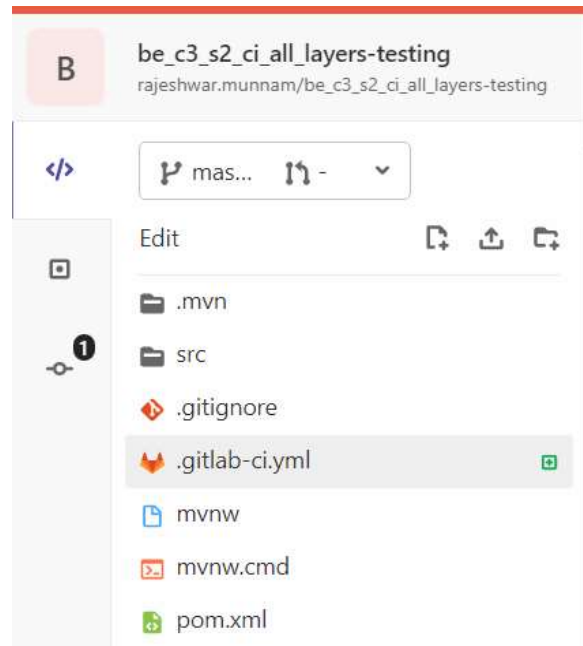
Set up CI/CD

Name	Last commit	Last update
.mvn/wrapper	1st	1 minute ago
src	1st	1 minute ago
.gitignore	1st	1 minute ago
mvnw	1st	1 minute ago
mvnw.cmd	1st	1 minute ago
pom.xml	1st	1 minute ago

all project files must be in root folder of repository

Step 3 Open project in gitlab->webide

Step 4 create .gitlab-ci.yml in root folder

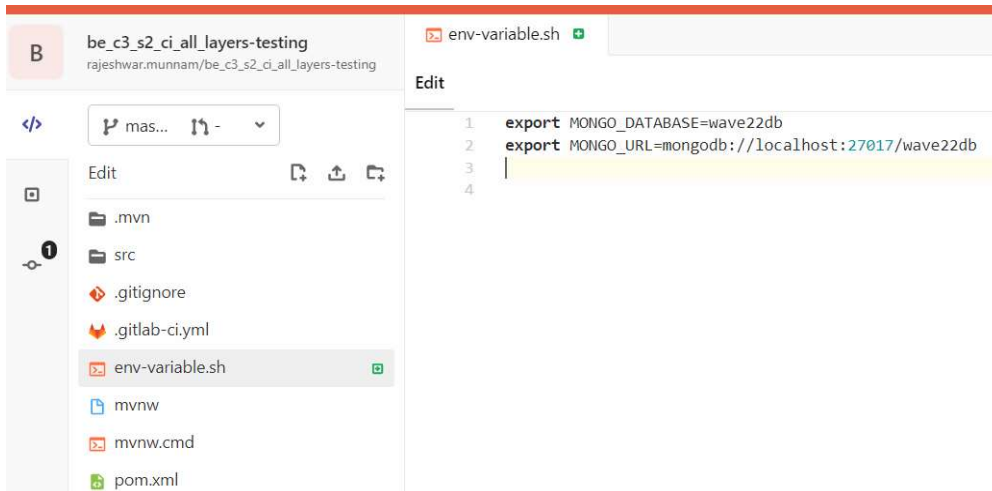


Step 5 edit yml file
commit into master branch

```
.gitlab-ci.yml 428 Bytes

1  image: 'maven:latest'
2
3  stages:
4    - test
5    - build
6
7  services:
8    - 'mongo:3.4-jessie'
9
10 variables:
11   MONGO_DATABASENAME: "wave22db"
12   MONGO_URL: "mongodb://mongo/wave22db"
13
14 maven-test:
15   stage: test
16   script: "mvn test"
17   tags:
18     - MYREPOS_PROD_RUNNER
19
20 maven-build:
21   stage: build
22   script: "mvn package"
23   tags:
24     - MYREPOS_PROD_RUNNER
25
26 artifacts:
27   paths:
28     - target/*.jar
```

Step 6 create env file in root folder
 env-variable.sh

A screenshot of the Visual Studio Code editor interface. The top bar shows the file name 'env-variable.sh' with a green plus icon. The left sidebar displays a file explorer with a list of files and folders: '.mvn', 'src', '.gitignore', '.gitlab-ci.yml', 'env-variable.sh' (highlighted with a green icon), 'mvnw', 'mvnw.cmd', and 'pom.xml'. The main editor area shows the content of 'env-variable.sh' with line numbers 1 through 4. The code contains two export statements: 'export MONGO_DATABASE=wave22db' on line 1 and 'export MONGO_URL=mongodb://localhost:27017/wave22db' on line 2.

```
1 export MONGO_DATABASE=wave22db
2 export MONGO_URL=mongodb://localhost:27017/wave22db
3
4
```

Commit into master branch

Step 7 edit application.properties

A screenshot of the Visual Studio Code editor interface showing the 'application.properties' file. The top bar shows the file name 'application.properties'. The left sidebar shows a file explorer with a list of files and folders: 'src', 'application.properties' (highlighted with a green icon), 'mvnw', 'mvnw.cmd', and 'pom.xml'. The main editor area shows the content of 'application.properties' with line numbers 1 through 5. The code contains five lines of configuration: 'server.port=65000' on line 1, '# spring.data.mongodb.database=wave22db' on line 2, '# spring.data.mongodb.uri=mongodb://localhost:27017/' on line 3, 'spring.data.mongodb.uri=\${MONGO_URL}' on line 4, and 'server.error.include-message=always' on line 5.

```
1 server.port=65000
2 # spring.data.mongodb.database=wave22db
3 # spring.data.mongodb.uri=mongodb://localhost:27017/
4 spring.data.mongodb.uri=${MONGO_URL}
5 server.error.include-message=always
```

Commit into master branch

B

be_c3_s2_ci_all_layers-testing

Project ID: 117199

Star 0 Fork 0

2 Commits 1 Branch 0 Tags 532 KB Files 538 KB Storage

be_c3_s2_ci_all_layers-testing

master

be_c3_s2_ci_all_layers-testing /

History

Find file

Web IDE

Clone

Update src/main/resources/application.properties
rajeshwar.munnam@niit.com authored 1 minute ago

31b35434

failed Pipeline #6038 triggered 2 minutes ago by rajeshwar.munnam@niit.com

Update src/main/resources/application.properties

2 jobs for **master** in 16 seconds (queued for 2 seconds)

latest

31b35434

No related merge requests found.

Pipeline Needs Jobs 2 Failed Jobs 1 Tests 0

Test Build

maven-test

maven-build