

enrollment

Enrollment is a spring boot based microservice for tracking the status of enrollees in a health care program.

Prerequisites To Run the Microservice

1. Maven
2. Java Run Time
3. Mongo DB Installation
4. Docker and Kubernetes (If needed to execute as standalone pod of microservice for scaling)

Steps:

1. Download the code zip file or clone from github
2. Lets say D:\sample is the filepath where file is unzipped.
- 3 Please ensure to configure below mongo DB properties mentioned in the application.properties (src\main\resources\application.properties)

If mongo db is installed locally localhost will work otherwise IP can be provided. Default port is 27017 and DB name is enrollment. Collections will be created inside this DB automatically when we perform create operation from API.

```
spring.data.mongodb.host=localhost  
spring.data.mongodb.port=27017  
spring.data.mongodb.database=enrollment
```

4. Open command prompt and Run mvn clean install (Please make sure that maven is in path)

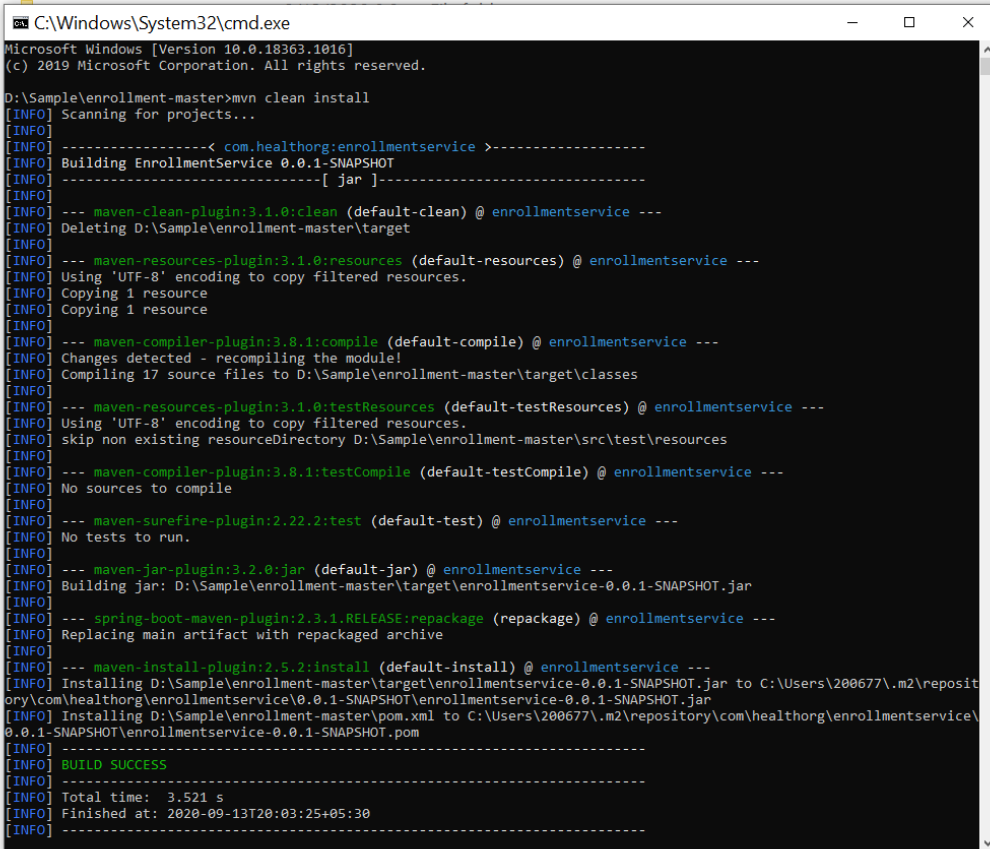
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> New Volume (D:) > Sample > enrollment-master >

Name	Date modified	Type	Size
src	9/13/2020 5:2...	File folder	



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.18363.1016]
(c) 2019 Microsoft Corporation. All rights reserved.

D:\Sample\enrollment-master>mvn clean install
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.healthong:enrollmentservice >-----
[INFO] Building Enrollmentservice 0.0.1-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-clean-plugin:3.1.0:clean (default-clean) @ enrollmentservice ---
[INFO] Deleting D:\Sample\enrollment-master\target
[INFO]
[INFO] --- maven-resources-plugin:3.1.0:resources (default-resources) @ enrollmentservice ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] Copying 1 resource
[INFO] Copying 1 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:compile (default-compile) @ enrollmentservice ---
[INFO] Changes detected - recompiling the module!
[INFO] Compiling 17 source files to D:\Sample\enrollment-master\target\classes
[INFO]
[INFO] --- maven-resources-plugin:3.1.0:testResources (default-testResources) @ enrollmentservice ---
[INFO] Using 'UTF-8' encoding to copy filtered resources.
[INFO] skip non existing resourceDirectory D:\Sample\enrollment-master\src\test\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ enrollmentservice ---
[INFO] No sources to compile
[INFO]
[INFO] --- maven-surefire-plugin:2.22.2:test (default-test) @ enrollmentservice ---
[INFO] No tests to run.
[INFO]
[INFO] --- maven-jar-plugin:3.2.0:jar (default-jar) @ enrollmentservice ---
[INFO] Building jar: D:\Sample\enrollment-master\target\enrollmentservice-0.0.1-SNAPSHOT.jar
[INFO]
[INFO] --- spring-boot-maven-plugin:2.3.1.RELEASE:repackage (repackage) @ enrollmentservice ---
[INFO] Replacing main artifact with repackaged archive
[INFO]
[INFO] --- maven-install-plugin:2.5.2:install (default-install) @ enrollmentservice ---
[INFO] Installing D:\Sample\enrollment-master\target\enrollmentservice-0.0.1-SNAPSHOT.jar to C:\Users\200677\m2\repository\com\healthong\enrollmentservice\0.0.1-SNAPSHOT\enrollmentservice-0.0.1-SNAPSHOT.jar
[INFO] Installing D:\Sample\enrollment-master\pom.xml to C:\Users\200677\m2\repository\com\healthong\enrollmentservice\0.0.1-SNAPSHOT\enrollmentservice-0.0.1-SNAPSHOT.pom
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 3.521 s
[INFO] Finished at: 2020-09-13T20:03:25+05:30
[INFO]
```

4. Executable jar will be present in D:\Sample\enrollment-master\target

Run below command from D:\Sample\enrollment-master\target

java -jar enrollmentservice-0.0.1-SNAPSHOT.jar

basic-error-controller Basic Error Controller

enrollment-rest-controller Enrollment Rest Controller

GET /enrollment/v1/{enrollment_id} getEnrolleeById

POST /enrollment/v1/addEnrollee addNewEnrollee

POST /enrollment/v1/addEnrolleeDependents/{Enrollee_id} addEnrolleeDependents

DELETE /enrollment/v1/deleteDependentsOfEnrollee/{Enrollee_id} deleteDependentsOfEnrollee

DELETE /enrollment/v1/deleteEnrollee/{Enrollee_id} deleteEnrollee

PUT /enrollment/v1/modifyEnrolleeDependents/{Enrollee_id} modifyEnrolleeDependents

PUT /enrollment/v1/updateEnrollee/{Enrollee_id} updateEnrollee

Models