

Build docker image

```
osboxes@osboxes:~/Documents/Training/training-alterra/Day 15/government$ docker build -t jalalazhmatkhan/epemilu:latest .
Sending build context to Docker daemon 45.21MB
Step 1/4 : FROM openjdk:11
----> 47a932d998b7
Step 2/4 : EXPOSE 8081
----> Using cache
----> 209978920350
Step 3/4 : COPY target/epemilu.jar ePemilu.jar
----> Using cache
----> a805f835c3ff
Step 4/4 : ENTRYPOINT ["java", "-jar", "/ePemilu.jar"]
----> Using cache
----> 4fb7079587dd
Successfully built 4fb7079587dd
Successfully tagged jalalazhmatkhan/epemilu:latest
```

Docker run image

```
osboxes@osboxes:~/Documents/Training/training-alterra/Day 15/government$ docker run --network host -p 8081:8081 jalalazhmatkhan/epemilu --name epemilu
WARNING: Published ports are discarded when using host network mode

OSINTFV
=====
:: Spring Boot ::
(v2.7.2)

2022-08-04 10:11:35.157 INFO 1 --- [main] c.e.government.GovernmentApplication : Starting GovernmentApplication v0.0.1-SNAPSHOT using Java 11.0.16 on osboxes with PID 1 (/ePemilu.jar started by root in /)
2022-08-04 10:11:35.168 INFO 1 --- [main] c.e.government.GovernmentApplication : No active profile set, falling back to 1 default profile: "default"
2022-08-04 10:11:37.054 INFO 1 --- [main] s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.
2022-08-04 10:11:37.155 INFO 1 --- [main] s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 75 ms. Found 1 JPA repository interfaces.
2022-08-04 10:11:38.473 INFO 1 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8081 (http)
2022-08-04 10:11:38.507 INFO 1 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2022-08-04 10:11:38.508 INFO 1 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.65]
2022-08-04 10:11:38.695 INFO 1 --- [main] o.s.c.c.c.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2022-08-04 10:11:38.696 INFO 1 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 3396 ms
2022-08-04 10:11:39.462 INFO 1 --- [main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]
2022-08-04 10:11:39.553 INFO 1 --- [main] org.hibernate.Version : HHH000412: Hibernate ORM core version 5.6.10.Final
2022-08-04 10:11:39.870 INFO 1 --- [main] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations {5.1.2.Final}
2022-08-04 10:11:40.023 INFO 1 --- [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
2022-08-04 10:11:40.638 INFO 1 --- [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2022-08-04 10:11:40.671 INFO 1 --- [main] org.hibernate.dialect.Dialect : HHH000400: Using dialect: org.hibernate.dialect.MySQLInnoDBDialect
2022-08-04 10:11:42.058 INFO 1 --- [main] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]
2022-08-04 10:11:42.078 INFO 1 --- [main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'
2022-08-04 10:11:43.076 WARN 1 --- [main] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Therefore, database queries may be performed during view rendering. Explicitly configure spring.jpa.open-in-view to disable this warning
2022-08-04 10:11:44.049 INFO 1 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8081 (http) with context path ''
2022-08-04 10:11:44.601 INFO 1 --- [main] c.e.government.GovernmentApplication : Started GovernmentApplication in 19.467 seconds (JVM running for 11.441)
2022-08-04 10:12:19.666 INFO 1 --- [nio-8081-exec-1] o.a.c.c.c.[Tomcat].[localhost].[/] : Initializing Spring DispatcherServlet 'dispatcherServlet'
2022-08-04 10:12:19.669 INFO 1 --- [nio-8081-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherServlet'
2022-08-04 10:12:19.672 INFO 1 --- [nio-8081-exec-1] o.s.web.servlet.DispatcherServlet : Completed initialization in 2 ms
```

List all docker images

```
osboxes@osboxes:~/Documents/Training/training-alterra/Day 15/government$ docker image ls
REPOSITORY          TAG         IMAGE ID      CREATED       SIZE
jalalazhmatkhan/epemilu latest      4fb7079587dd  41 hours ago  699MB
epemilu             latest      4fb7079587dd  41 hours ago  699MB
openjdk             11         47a932d998b7  2 days ago   654MB
mysql               8          38643ad93215  8 days ago   446MB
portainer/portainer-ce latest      ab836ad9325   9 days ago   278MB
lscr.io/linuxserver/code-server latest      27447b208a3b  2 weeks ago  600MB
mongo               latest     c8b57c4bf7e3  7 weeks ago  701MB
```

Push docker image

```
osboxes@osboxes:~/share/Day 15/government$ docker tag epemilu:latest jalalazhmatkhan/epemilu:latest
osboxes@osboxes:~/share/Day 15/government$ docker push jalalazhmatkhan/epemilu
Using default tag: latest
The push refers to repository [docker.io/jalalazhmatkhan/epemilu]
c1e6460082c3: Layer already exists
7b7f3078e1db: Layer already exists
826c3ddb29c: Layer already exists
b626401ef603: Layer already exists
9b55156abf26: Layer already exists
293d5db30c9f: Layer already exists
03127cdb479b: Layer already exists
9c742cd6c7a5: Layer already exists
latest: digest: sha256:19949276b59035c46c74202c8a5f032e2aae9eb1ac82eb04e3f8099bbf99866b size: 2007
osboxes@osboxes:~/share/Day 15/government$
```