

Product Admin Service

Image Name : product-admin-service:1.0

Docker image build

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cmpe272-assignments/pms/product-admin-service on [?]main [!?] via desktop-linux is v1.0 via v17.0.8 on
> docker build -t product-admin-service:1.0 .
[*] Building 130.9s (17/17) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 365B
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load metadata for docker.io/library/eclipse-temurin:17.0.8_1-jdk
=> [internal] load metadata for docker.io/library/maven:3.6.3-openjdk-17
=> [auth] library/eclipse-temurin:pull token for registry-1.docker.io
=> [auth] library/maven:pull token for registry-1.docker.io
=> [build 1/6] FROM docker.io/library/maven:3.6.3-openjdk-17@sha256:7f46feaf907771cd14e38d0b901d6372e50e68bf4e2197b0f181eb16f051081b
=> => resolve docker.io/library/maven:3.6.3-openjdk-17@sha256:7f46feaf907771cd14e38d0b901d6372e50e68bf4e2197b0f181eb16f051081b
=> => sha256:7f46feaf907771cd14e38d0b901d6372e50e68bf4e2197b0f181eb16f051081b 549B / 549B
=> => sha256:ed4610831120c1812e92e1ab824d280356755a48466e3676361e63dc5d680838 7.47kB / 7.47kB
=> => sha256:a26bc0351d047f744512b1f8920863854334f02e11637445a710596e8d9aaa7d 13.27MB / 13.27MB
=> => sha256:30d412185a64ff17b8172180bc0577dce9641ec1f37dd07bd8927a2389bee149 185.70MB / 185.70MB
=> => sha256:c74c4d8f7b470c2c47ba3fcb7e33ae2ebd19c3a85fc78d7b40c8c9a03f873312 1.79kB / 1.79kB
=> => sha256:59c2d151af498a24eabdd1f14042e94106189e17f7858fa9c9e6537816bfa34 42.07MB / 42.07MB
=> => sha256:fe8c02e6857c70f19d87a6457721dc4b9b1996dce781e07a17c7799d311ab748 144.00MB / 144.00MB
=> => sha256:33b6850db6307b9a0bf52b29666a8a062ae75b88b41c2e8b79138418fb075a05 9.58MB / 9.58MB
=> => extracting sha256:50c2d151af498a24eabdd1f14042e94106189e17f7858fa9c9e6537816bfa34 6.3s
=> => sha256:a035352303c63e980d72a2f8b4ebdddbf1bbdd4c41aa878f31ae508d36960528 855B / 855B
=> => sha256:4380b7de0aa49b0529f757bbc5e5b1ac2296f438fdabdbca2bfeeb818419136 359B / 359B
=> => extracting sha256:a26bc0351d047f744512b1f8920863854334f02e11637445a710596e8d9aaa7d 0.9s
=> => extracting sha256:30d412185a64ff17b8172180bc0577dce9641ec1f37dd07bd8927a2389bee149 5.4s
=> => extracting sha256:fe8c02e6857c70f19d87a6457721dc4b9b1996dce781e07a17c7799d311ab748 14.8s
=> => extracting sha256:33b6850db6307b9a0bf52b29666a8a062ae75b88b41c2e8b79138418fb075a05 0.4s
=> => extracting sha256:a035352303c63e980d72a2f8b4ebdddbf1bbdd4c41aa878f31ae508d36960528 0.0s
=> => extracting sha256:4380b7de0aa49b0529f757bbc5e5b1ac2296f438fdabdbca2bfeeb818419136 0.0s
=> [stage-1 1/3] FROM docker.io/library/eclipse-temurin:17.0.8_1-jdk@sha256:e3af901d39eba099b41209fbcacd6cebcd6a1f9479df4051b21b0b99ec3f7446
=> [internal] load build context
=> => transferring context: 15.29kB
=> CACHED [stage-1 2/3] WORKDIR /app
=> [build 2/6] WORKDIR /app
=> [build 3/6] COPY pom.xml
=> [build 4/6] COPY ./src ./src
=> [build 5/6] RUN mvn dependency:go-offline
=> [build 6/6] RUN mvn package
```

Docker push image

```
cmpe272-assignments/pms/product-admin-service on [?]main [!?] via desktop-linux is v1.0 via v17.0.8 on
> docker images
REPOSITORY          TAG         IMAGE ID      CREATED       SIZE
product-admin-service 1.0         a6740a3f992c 3 minutes ago 461MB
product-app          1.0         ef0c68745ec0 4 days ago   453MB
neeharikasingh/product-app 1.0         ef0c68745ec0 4 days ago   453MB
kindest/node         <none>      89e7dc9f9131 3 months ago 932MB

cmpe272-assignments/pms/product-admin-service on [?]main [!?] via desktop-linux is v1.0 via v17.0.8 on
> docker tag product-admin-service:1.0 neeharikasingh/product-admin-service:1.0

cmpe272-assignments/pms/product-admin-service on [?]main [!?] via desktop-linux is v1.0 via v17.0.8 on
> docker login
Authenticating with existing credentials...
Login Succeeded

Logging in with your password grants your terminal complete access to your account.
For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/access-tokens/

cmpe272-assignments/pms/product-admin-service on [?]main [!?] via desktop-linux is v1.0 via v17.0.8 on took 2s
> docker push neeharikasingh/product-admin-service:1.0
The push refers to repository [docker.io/neeharikasingh/product-admin-service]
c04acca96a47: Pushed
8972050bb565: Mounted from neeharikasingh/product-app
ca89f0b54994: Mounted from neeharikasingh/product-app
2753bf99b948: Mounted from neeharikasingh/product-app
b3fa8c246901: Mounted from neeharikasingh/product-app
ecec36d8cc35: Mounted from neeharikasingh/product-app
dc0585a4b8b7: Mounted from neeharikasingh/product-app
1.0: digest: sha256:baf4543d1702a652110c74203abf6276b8960d763358559aba398cf99f1fd5e9 size: 1786

cmpe272-assignments/pms/product-admin-service on [?]main [!?] via desktop-linux is v1.0 via v17.0.8 on took 12s
>
```

A screenshot of the Docker Hub web interface. The top navigation bar is blue with the Docker Hub logo, a search bar, and links for Explore, Repositories, Organizations, and Help. A yellow 'Upgrade' button and a user profile icon for 'neeharikasingh' are on the right. Below the navigation bar, there's a search bar with 'neeharikasingh' entered, a search by repository name field, and a dropdown for 'All Content'. A blue 'Create repository' button is to the right. The main content area shows the repository 'neeharikasingh / product-admin-service' with a description 'Contains: Image | Last pushed: 2 minutes ago'. To the right of the repository name are icons for 'Inactive', '0 stars', '0 downloads', and 'Public'. On the far right, there's a diagram showing three containers (blue, red, and green) connected by dashed lines, with a red circle containing a lock icon above them.

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cme272-assignments/pms/product-admin-service on  main  via  desktop-linux is  v1.0 via  v17.0.8 on 
> docker pull neeharikasingh/product-admin-service:1.0
1.0: Pulling from neeharikasingh/product-admin-service
Digest: sha256:baf4543d1702a652110c74203abf6276b8960d763358559aba398cf99f1fd5e9
Status: Image is up to date for neeharikasingh/product-admin-service:1.0
docker.io/needharikasingh/product-admin-service:1.0

What's Next?
  View summary of image vulnerabilities and recommendations → docker scout quickview neeharikasingh/product-admin-service:1.0

cme272-assignments/pms/product-admin-service on  main  via  desktop-linux is  v1.0 via  v17.0.8 on  took 2s
> docker images
REPOSITORY                                TAG          IMAGE ID       CREATED        SIZE
product-admin-service                    1.0          a6740a3f992c  12 minutes ago 461MB
neeharikasingh/product-admin-service    1.0          a6740a3f992c  12 minutes ago 461MB
product-app                             1.0          ef0c68745ec0  4 days ago    453MB
neeharikasingh/product-app              1.0          ef0c68745ec0  4 days ago    453MB
kindest/node                            <none>       89e7dc9f9131  3 months ago  932MB

cme272-assignments/pms/product-admin-service on  main  via  desktop-linux is  v1.0 via  v17.0.8 on 
>

```

```

cmpe272-assignments/pms/product-admin-service on [main] via 🐧 desktop-linux is v1.0 via 🐳 v17.0.8 on ☁
> docker run --name pas-app -p 8080:8080 --env-file /Users/neecharikasingh/Documents/SJSUProjects/docker/product-admin-service_docker_run.env neeharikasingh/product-admin-service:1.0

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:: Spring Boot ::
              (v3.1.4)

2023-09-27T18:54:52.606Z INFO 1 --- [main] c.e.p.p.ProductAdminServiceApplication : Starting ProductAdminServiceApplication v1.0 using Java
17.0.8.1 with PID 1 (/app/product-admin-service-1.0.jar started by root in /app)
2023-09-27T18:54:52.609Z INFO 1 --- [main] c.e.p.p.ProductAdminServiceApplication : No active profile set, falling back to 1 default profile
: "default"
2023-09-27T18:54:53.879Z INFO 1 --- [main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode
2023-09-27T18:54:53.958Z INFO 1 --- [main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 67 ms. Found
1 JPA repository interfaces.
2023-09-27T18:54:54.817Z INFO 1 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
2023-09-27T18:54:54.831Z INFO 1 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2023-09-27T18:54:54.832Z INFO 1 --- [main] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.13]
2023-09-27T18:54:54.943Z INFO 1 --- [main] o.a.c.c.c.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2023-09-27T18:54:54.944Z INFO 1 --- [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in
2204 ms
2023-09-27T18:54:55.174Z INFO 1 --- [main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]
]
2023-09-27T18:54:55.247Z INFO 1 --- [main] org.hibernate.Version : HHH0000412: Hibernate ORM core version 6.2.9.Final
2023-09-27T18:54:55.251Z INFO 1 --- [main] org.hibernate.cfg.Environment : HHH0000406: Using bytecode reflection optimizer
2023-09-27T18:54:55.445Z INFO 1 --- [main] o.h.b.i.BytecodeProviderInitiator : HHH0000021: Bytecode provider name : bytebuddy
2023-09-27T18:54:55.618Z INFO 1 --- [main] o.s.o.j.p.SpringPersistenceUnitInfo : No LoadTimeWeaver setup: ignoring JPA class transformer
2023-09-27T18:54:55.638Z INFO 1 --- [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
2023-09-27T18:54:56.120Z INFO 1 --- [main] com.zaxxer.hikari.pool.HikariPool : HikariPool-1 - Added connection com.mysql.cj.jdbc.Connec
tionImpl@3b569985
2023-09-27T18:54:56.125Z INFO 1 --- [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2023-09-27T18:54:56.510Z INFO 1 --- [main] o.h.b.i.BytecodeProviderInitiator : HHH0000021: Bytecode provider name : bytebuddy
2023-09-27T18:54:57.389Z INFO 1 --- [main] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH0000490: Using JtaPlatform implementation: [org.hibernate

```

Image Name : product-search-service:1.0

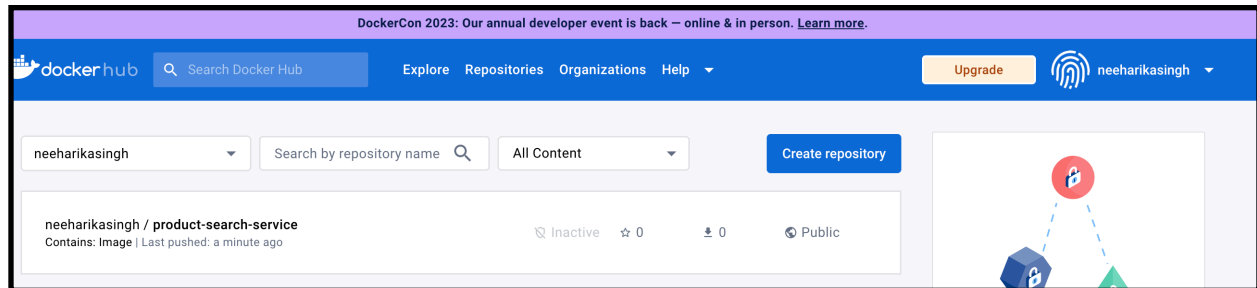
Docker image build

```
cmpe272-assignments/pms/product-search-service on [?]main [!?] via [?] desktop-linux is [?] v1.0 via [?] v17.0.8 on [?]  
> docker build -t product-search-service:1.0 .  
[+] Building 103.9s (17/17) FINISHED  
=> [internal] load .dockerignore  
=> => transferring context: 2B  
=> [internal] load build definition from Dockerfile  
=> => transferring dockerfile: 368B  
=> [internal] load metadata for docker.io/library/eclipse-temurin:17.0.8.1-jdk  
=> [internal] load metadata for docker.io/library/maven:3.6.3-openjdk-17  
=> [auth] library/eclipse-temurin:pull token for registry-1.docker.io  
=> [auth] library/maven:pull token for registry-1.docker.io  
=> [build 1/6] FROM docker.io/library/maven:3.6.3-openjdk-17@sha256:7f46feaf907771cd14e38d0b9901d6372e50e68bf4e2197b0f181eb16f051081b  
=> [stage-1 1/3] FROM docker.io/library/eclipse-temurin:17.0.8.1-jdk@sha256:e3af901d39eba099b41209fbcacd6cebc6d6a1f9479df4051b21b0b99ec3f7446  
=> [internal] load build context  
=> => transferring context: 13.55kB  
=> CACHED [stage-1 2/3] WORKDIR /app  
=> CACHED [build 2/6] WORKDIR /app  
=> [build 3/6] COPY pom.xml .  
=> [build 4/6] COPY ./src ./src  
=> [build 5/6] RUN mvn dependency:go-offline  
=> [build 6/6] RUN mvn package  
=> [stage-1 3/3] COPY --from=build /app/target/product-search-service-1.0.jar /app/product-search-service-1.0.jar  
=> exporting image  
=> => exporting layers  
=> => writing image sha256:c96bcd4529f6ce49847f2c9381b4d1f64e2aa2fe3ac88bdd173d0f2f38936cba  
=> => naming to docker.io/library/product-search-service:1.0  
  
What's Next?  
View summary of image vulnerabilities and recommendations → docker scout quickview  
  
cmpe272-assignments/pms/product-search-service on [?]main [!?] via [?] desktop-linux is [?] v1.0 via [?] v17.0.8 on [?] took 1m44s  
>
```

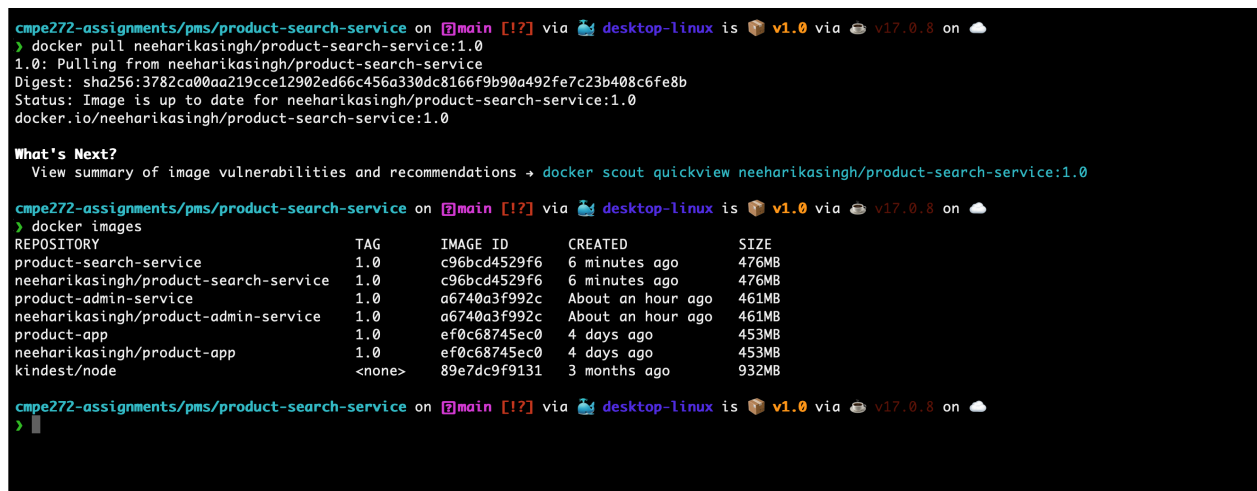
Docker image push

```
cmpe272-assignments/pms/product-search-service on [?]main [!?] via [?] desktop-linux is [?] v1.0 via [?] v17.0.8 on [?]  
> docker images  
REPOSITORY          TAG         IMAGE ID      CREATED        SIZE  
product-search-service 1.0        c96bcd4529f6  About a minute ago  476MB  
product-admin-service 1.0        a6740a3f992c  About an hour ago  461MB  
neeharikasingh/product-admin-service 1.0        a6740a3f992c  About an hour ago  461MB  
product-app          1.0        ef0c68745ec0  4 days ago      453MB  
neeharikasingh/product-app 1.0        ef0c68745ec0  4 days ago      453MB  
kindest/node          <none>     89e7dc9f9131  3 months ago     932MB  
  
cmpe272-assignments/pms/product-search-service on [?]main [!?] via [?] desktop-linux is [?] v1.0 via [?] v17.0.8 on [?]  
> docker tag product-search-service:1.0 neeharikasingh/product-search-service:1.0  
  
cmpe272-assignments/pms/product-search-service on [?]main [!?] via [?] desktop-linux is [?] v1.0 via [?] v17.0.8 on [?]  
> docker login  
Authenticating with existing credentials...  
Login Succeeded  
  
Logging in with your password grants your terminal complete access to your account.  
For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com/go/access-tokens/  
  
cmpe272-assignments/pms/product-search-service on [?]main [!?] via [?] desktop-linux is [?] v1.0 via [?] v17.0.8 on [?]  
> docker push neeharikasingh/product-search-service:1.0  
The push refers to repository [docker.io/neeharikasingh/product-search-service]  
a75b4b84cd60: Pushed  
8972050bb565: Mounted from neeharikasingh/product-admin-service  
ca89f0b54994: Mounted from neeharikasingh/product-admin-service  
2753bf99b948: Mounted from neeharikasingh/product-admin-service  
b3fa8c246901: Mounted from neeharikasingh/product-admin-service  
ecce36d8cc35: Mounted from neeharikasingh/product-admin-service  
dc0585a4b8b7: Mounted from neeharikasingh/product-admin-service  
1.0: digest: sha256:3782ca00aa219cce12902ed66c456a330dc8166f9b90a492fe7c23b408c6fe8b size: 1786  
  
cmpe272-assignments/pms/product-search-service on [?]main [!?] via [?] desktop-linux is [?] v1.0 via [?] v17.0.8 on [?] took 13s  
>
```

Docker docker hub



Docker pull image



Docker run

