

# Docker shows authentication error when pushing to repository

Asked 8 years, 3 months ago   Modified 7 years, 4 months ago

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I have a simple HelloWorld Spring Boot app in IntelliJ.

0

This is my code:



```
@Configuration
@ComponentScan
@EnableAutoConfiguration
@SpringBootApplication
public class App extends
SpringBootServletInitializer {

    @Override
    protected SpringApplicationBuilder
configure(SpringApplicationBuilder application) {
        return application.sources(App.class);
    }

    public static void main(String[] args) {
        SpringApplication.run(App.class, args);
    }
}

//takes input and navigates to that address
@RestController
class GreetingController {

    @RequestMapping("/hello/{name}")
    String hello(@PathVariable String name) {
        return "Hello, welcome " + name + "!";
    }
}
```

```

}

@RestController
class IndexController implements ErrorController {

    private static final String PATH = "/error";

    @RequestMapping(value = PATH)
    public String error() {
        return "You wanted to go to invalid URL."
    }
}

```

This is my pom.xml:

```

<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.
  http://maven.apache.org/xsd/maven-4.0.0.xsd">
    <modelVersion>4.0.0</modelVersion>

    <groupId>hllowrlddckr</groupId>
    <artifactId>hllowrlddckr</artifactId>
    <version>1.0-SNAPSHOT</version>

    <parent>

    <groupId>org.springframework.boot</groupId>
      <artifactId>spring-boot-starter-
parent</artifactId>
      <version>1.4.0.RELEASE</version>
    </parent>

    <dependencies>
      <dependency>

    <groupId>org.springframework.boot</groupId>
      <artifactId>spring-boot-starter-
web</artifactId>
      </dependency>
    <dependency>

```

```
<groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-
test</artifactId>
    <scope>test</scope>
  </dependency>
</dependencies>
```

I follow this tutorial: <https://spring.io/guides/gs/spring-boot-docker/>

I want to deploy this app to docker, following the tutorial, I created a docker file in main/docker/Dockerfile

```
FROM frolvlad/alpine-oraclejdk8:slim
VOLUME /tmp
ADD sudo-1.0-SNAPSHOT.jar app.jar
RUN sh -c 'touch /app.jar'
ENTRYPOINT ["java","-
Djava.security.egd=file:/dev/./urandom","-
jar","/app.jar"]
```

Then ran those commands in terminal of IntelliJ

```
mvn package docker:build -e
```

and it created successfully after tryings. When in linux terminal I run docker images, I see:

docker images			
REPOSITORY		TAG	
IMAGE ID	CREATED		SIZE
springio/hllowrlddckr		latest	
0aa30f27c704	40 seconds ago		195.3 MB

According to the tutorial, I need to push to that repo with this:

```
sudo docker push springio/hllowrlddckr
```

but it gives errors with or without sudo:

```
sudo docker push springio/hllowrlddckr
The push refers to a repository
[docker.io/springio/hllowrlddckr]
caa29c22a27c: Preparing
04e6743be3df: Preparing
f3d2c9a5ee9f: Preparing
017f469bdc32: Preparing
4fe15f8d0ae6: Preparing
unauthorized: authentication required
```

What is the error?

docker

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edited Aug 25, 2016 at 14:59



[daniel.eichten](#)

2,555 ● 20 ● 27

asked Aug 25, 2016 at 9:52



[fff](#)

199 ● 2 ● 2 ● 16

1 Answer

Sorted by:

Highest score (default)





As you can read in the mentioned [tutorial](#):

1

You don't have to push your newly minted Docker image to actually run it.



Error that you see is also explained in this tutorial: you are not authorized to push to `frolvlad` repository.



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answered Aug 25, 2016 at 10:18

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[Marek J](#)

1,374 ● 8 ● 19 ● 33

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Did you find any solution..? – [BruceWayne](#) Sep 11, 2016 at 4:55

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