

Title: FileSystemNotFoundException in a Dockerized Spring Boot Application

Post Body:

I'm trying to load a file in a spring boot application that is running inside a Docker container but I'm getting the following exception:

```
java.nio.file.FileSystemNotFoundException    at com.sun.nio.zipfs.ZipFileSystemProvider.getFileSystem(ZipFileSystemProvider.jav
```

The error does not appears when I execute the jar outside the container.

Here is the Dockerfile:

```
FROM openjdk:8-jdk-alpine ADD build/app.jar app.jar ENTRYPOINT ['java','-Djava.security.egd=file:/dev/./urandom','-jar','app.j
```

And here is the method that loads the file:

```
    public static String getContentAsSingleLine(String fileName) throws URISyntaxException, IOException {        String data;
```

The file is located in the resource folder:

```
/src/main/resources/database/file.sql
```

and the argument passed to the method is:

```
'database/file.sql'
```

- Does anyone have an idea of the cause of the issue and its possible solution ?

Accepted Answer:

I think by execute the jar outside the container you mean running the project in your IDE. Then `database/file.sql` is actually available as a file.

In the jar, the file is not available for `Paths.get()` to actually handle.

When trying to access the resource you should use

```
InputStream in = getClass().getResourceAsStream(fileName);
```

you can then use `java.util.Scanner` to collect the lines:

```
String data = new Scanner(in)    .useDelimiter('\n')    .tokens()    .collect(Collectors.joining(StringUtils.SPACE));
```

Highest Rated Answer:

The exception looks to be dealing with zip / archive file, please ensure once that whether it is while loading sql or any other file?