Title: Test Failure : java.lang.IllegalStateException: Failed to load ApplicationContext

Post Body:

I have a project that runs correctly in the IDE, but when I tried bundle it into a "jar" file using the "mvn" command it fails due to "Test Failure":
java.lang.IllegalStateException: Failed to load ApplicationContext.

Here is the test class (the default one):

```
package com.example.businesslogicserver;  import org.junit.jupiter.api.Test; import org.springframework.boot.test.context.Spri
```

the application class

```
package com.example.businesslogicserver;  import org.springframework.boot.SpringApplication; import org.springframework.boot.a
```

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/XM
```

application.properties

```
server.port=9090 auth.server.base.url=http://localhost:8080 jwt.signing.key=very1secure2secret3key_10264564684846d4fdfhdfsasa1
```

Can anyone help please ? thanks in advance.

Accepted Answer:

you are having this error because it's now recommended to specify the class (classes) you would like to test :

To fix , you just have to specify the classes like this :

Or if you want to ignore the tests , you can simply run :

mvn clean install -Dmaven.test.skip=true

Highest Rated Answer:

Got the same error for the same reason although in a different context, with Gradle, while building a plain Spring Boot 3.1.2 generated by Spring Initializr:

```
> Task :server:test FAILED  ServerTests > contextLoads() FAILED     java.lang.IllegalStateException at DefaultCacheAwareContex
```

Tried the approaches above without success.
Solved it by separating the classes containing tests from the one loading the Spring Boot context for running those tests, like so:

src/main/java/Server.java

```
import org.springframework.boot.SpringApplication; import org.springframework.boot.autoconfigure.SpringBootApplication;  @Spri
```

src/test/java/ServerTests.java

```
import org.junit.jupiter.api.Test;  class ServerTests {     @Test     void contextLoads() {     } }
```

src/test/java/TestSuite.java

```
import org.springframework.boot.test.context.SpringBootTest;  @SpringBootTest(classes = {ServerTests.class}) class TestSuite {
```

Output

```
./gradlew clean build  > Task :server:test ServerTests > contextLoads() PASSED BUILD SUCCESSFUL in 3s
```

Environment

- JDK 17
- Gradle 8.2.1
- Spring Boot 3.1.2