

```
"C:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2024.1.4\lib\idea_rt.jar=51715:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2024.1.4\bin" -Dfile.encoding=UTF-8 -classpath D:\workspace\spring-learning-phase\module-01-spring-core\spring-core-app-59-working-with-Component-annotation\out\production\spring-core-app-59-working-with-Component-annotation;D:\workspace\spring-learning-phase\required-jars\spring-v6\spring-expression-6.1.9.jar;D:\workspace\spring-learning-phase\required-jars\spring-v6\commons-logging-1.2.jar;D:\workspace\spring-learning-phase\required-jars\spring-v6\spring-context-6.1.9.jar;D:\workspace\spring-learning-phase\required-jars\spring-v6\spring-core-6.1.9.jar;D:\workspace\spring-learning-phase\required-jars\spring-v6\spring-beans-6.1.9.jar;D:\workspace\spring-learning-phase\required-jars\spring-v6\spring-aop-6.1.9.jar io.spring.app.UseCountry
```

‘AnnotationConfigApplicationContext’ is a powerful tool in Spring for configuring and bootstrapping applications using Java annotations and classes instead of XML, offering a modern and flexible way to manage the application context.

How to register the bean?

To register the component class with the Spring container we need to call the method `register()`.

This method belongs to the class `AnnotationConfigApplicationContext`.

By registering the component classes, we tell the Spring container which classes to use for creating beans, managing dependencies, and setting up the application environment.

How to refresh the container?

Calling the `register()` method only tells Spring that

these classes have to be managed by the container.  
It does not initializes the container.  
In order to do that we have to call the method  
refresh().

==== Country bean created! ====

```
=====
                        Country Details
=====
Name                   : null
Capital                : null
Population             : 0
Area                   : 0.00 km²
Currency               : null
=====
```

Process finished with exit code 0