Source Code Of Deploy Application On Cloud

Using spring boot application

Main Code

**package** com.example;

**import** org.springframework.stereotype.Controller;

**import** org.springframework.web.bind.annotation.RequestMapping;

**import** org.springframework.web.bind.annotation.ResponseBody;

@Controller

**public** **class** DemoController {

@ResponseBody

@RequestMapping("/")

**public** String demo() {

**return** "Hello Learners Welcome to Phase 5 !!!";

}

}

2.After creating folder we will do maven build the project

[INFO] Scanning for projects...

[WARNING] The requested profile "pom.xml" could not be activated because it does not exist.

[INFO]

[INFO] **[1m--------------------------<** [0;36mMphasis:SpringS**[0;1m >---------------------------**[m

[INFO] **[1mBuilding SpringS 0.0.1-SNAPSHOT**[m

[INFO] from pom.xml

[INFO] **[1m--------------------------------[ war ]---------------------------------**[m

[INFO]

[INFO] **[1m---** [0;32mresources:3.2.0:resources[m **[1m(default-resources)**[m @ [36mSpringS**[0;1m ---**[m

[INFO] Using 'UTF-8' encoding to copy filtered resources.

[INFO] Using 'UTF-8' encoding to copy filtered properties files.

[INFO] Copying 1 resource

[INFO] Copying 0 resource

[INFO]

[INFO] **[1m---** [0;32mcompiler:3.10.1:compile[m **[1m(default-compile)**[m @ [36mSpringS**[0;1m ---**[m

[INFO] Nothing to compile - all classes are up to date

[INFO]

[INFO] **[1m---** [0;32mresources:3.2.0:testResources[m **[1m(default-testResources)**[m @ [36mSpringS**[0;1m ---**[m

[INFO] Using 'UTF-8' encoding to copy filtered resources.

[INFO] Using 'UTF-8' encoding to copy filtered properties files.

[INFO] Copying 0 resource

[INFO]

[INFO] **[1m---** [0;32mcompiler:3.10.1:testCompile[m **[1m(default-testCompile)**[m @ [36mSpringS**[0;1m ---**[m

[INFO] Nothing to compile - all classes are up to date

[INFO]

[INFO] **[1m---** [0;32msurefire:2.22.2:test[m **[1m(default-test)**[m @ [36mSpringS**[0;1m ---**[m

[WARNING] **[1;33mParameter '[0;1;33mlocalRepository[0;1;33m'[0;1;33m [0;1;33mis deprecated core expression; Avoid use of ArtifactRepository type. If you need access to local repository, switch to '${repositorySystemSession}' expression and get LRM from it instead.**[m

[INFO]

[INFO] -------------------------------------------------------

[INFO] T E S T S

[INFO] -------------------------------------------------------

[INFO] Running com.example.**[1mSpringSApplicationTests**[m

12:05:33.621 [main] DEBUG org.springframework.test.context.BootstrapUtils - Instantiating CacheAwareContextLoaderDelegate from class [org.springframework.test.context.cache.DefaultCacheAwareContextLoaderDelegate]

12:05:33.706 [main] DEBUG org.springframework.test.context.BootstrapUtils - Instantiating BootstrapContext using constructor [public org.springframework.test.context.support.DefaultBootstrapContext(java.lang.Class,org.springframework.test.context.CacheAwareContextLoaderDelegate)]

12:05:36.003 [main] DEBUG org.springframework.test.context.BootstrapUtils - Instantiating TestContextBootstrapper for test class [com.example.SpringSApplicationTests] from class [org.springframework.boot.test.context.SpringBootTestContextBootstrapper]

12:05:38.159 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Neither @ContextConfiguration nor @ContextHierarchy found for test class [com.example.SpringSApplicationTests], using SpringBootContextLoader

12:05:41.196 [main] DEBUG org.springframework.test.context.support.AbstractContextLoader - Did not detect default resource location for test class [com.example.SpringSApplicationTests]: class path resource [com/example/SpringSApplicationTests-context.xml] does not exist

12:05:41.573 [main] DEBUG org.springframework.test.context.support.AbstractContextLoader - Did not detect default resource location for test class [com.example.SpringSApplicationTests]: class path resource [com/example/SpringSApplicationTestsContext.groovy] does not exist

12:05:41.624 [main] INFO org.springframework.test.context.support.AbstractContextLoader - Could not detect default resource locations for test class [com.example.SpringSApplicationTests]: no resource found for suffixes {-context.xml, Context.groovy}.

12:05:41.771 [main] INFO org.springframework.test.context.support.AnnotationConfigContextLoaderUtils - Could not detect default configuration classes for test class [com.example.SpringSApplicationTests]: SpringSApplicationTests does not declare any static, non-private, non-final, nested classes annotated with @Configuration.

12:05:51.764 [main] DEBUG org.springframework.test.context.support.ActiveProfilesUtils - Could not find an 'annotation declaring class' for annotation type [org.springframework.test.context.ActiveProfiles] and class [com.example.SpringSApplicationTests]

12:05:56.578 [main] DEBUG org.springframework.context.annotation.ClassPathScanningCandidateComponentProvider - Identified candidate component class: file [C:\Users\Lenovo\eclipse-workspace\SpringS\target\classes\com\example\SpringSApplication.class]

12:05:56.718 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Found @SpringBootConfiguration com.example.SpringSApplication for test class com.example.SpringSApplicationTests

12:05:59.466 [main] DEBUG org.springframework.boot.test.context.SpringBootTestContextBootstrapper - @TestExecutionListeners is not present for class [com.example.SpringSApplicationTests]: using defaults.

12:05:59.487 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Loaded default TestExecutionListener class names from location [META-INF/spring.factories]: [org.springframework.boot.test.mock.mockito.MockitoTestExecutionListener, org.springframework.boot.test.mock.mockito.ResetMocksTestExecutionListener, org.springframework.boot.test.autoconfigure.restdocs.RestDocsTestExecutionListener, org.springframework.boot.test.autoconfigure.web.client.MockRestServiceServerResetTestExecutionListener, org.springframework.boot.test.autoconfigure.web.servlet.MockMvcPrintOnlyOnFailureTestExecutionListener, org.springframework.boot.test.autoconfigure.web.servlet.WebDriverTestExecutionListener, org.springframework.boot.test.autoconfigure.webservices.client.MockWebServiceServerTestExecutionListener, org.springframework.test.context.web.ServletTestExecutionListener, org.springframework.test.context.support.DirtiesContextBeforeModesTestExecutionListener, org.springframework.test.context.event.ApplicationEventsTestExecutionListener, org.springframework.test.context.support.DependencyInjectionTestExecutionListener, org.springframework.test.context.support.DirtiesContextTestExecutionListener, org.springframework.test.context.transaction.TransactionalTestExecutionListener, org.springframework.test.context.jdbc.SqlScriptsTestExecutionListener, org.springframework.test.context.event.EventPublishingTestExecutionListener]

12:05:59.900 [main] DEBUG org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Skipping candidate TestExecutionListener [org.springframework.test.context.transaction.TransactionalTestExecutionListener] due to a missing dependency. Specify custom listener classes or make the default listener classes and their required dependencies available. Offending class: [org/springframework/transaction/interceptor/TransactionAttributeSource]

12:05:59.901 [main] DEBUG org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Skipping candidate TestExecutionListener [org.springframework.test.context.jdbc.SqlScriptsTestExecutionListener] due to a missing dependency. Specify custom listener classes or make the default listener classes and their required dependencies available. Offending class: [org/springframework/transaction/interceptor/TransactionAttribute]

12:05:59.904 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper - Using TestExecutionListeners: [org.springframework.test.context.web.ServletTestExecutionListener@59cba5a, org.springframework.test.context.support.DirtiesContextBeforeModesTestExecutionListener@1bd39d3c, org.springframework.test.context.event.ApplicationEventsTestExecutionListener@6f19ac19, org.springframework.boot.test.mock.mockito.MockitoTestExecutionListener@119cbf96, org.springframework.boot.test.autoconfigure.SpringBootDependencyInjectionTestExecutionListener@71329995, org.springframework.test.context.support.DirtiesContextTestExecutionListener@768fc0f2, org.springframework.test.context.event.EventPublishingTestExecutionListener@5454d35e, org.springframework.boot.test.mock.mockito.ResetMocksTestExecutionListener@20c0a64d, org.springframework.boot.test.autoconfigure.restdocs.RestDocsTestExecutionListener@455b6df1, org.springframework.boot.test.autoconfigure.web.client.MockRestServiceServerResetTestExecutionListener@4ddbbdf8, org.springframework.boot.test.autoconfigure.web.servlet.MockMvcPrintOnlyOnFailureTestExecutionListener@3f67593e, org.springframework.boot.test.autoconfigure.web.servlet.WebDriverTestExecutionListener@1ab06251, org.springframework.boot.test.autoconfigure.webservices.client.MockWebServiceServerTestExecutionListener@41ab013]

12:06:00.013 [main] DEBUG org.springframework.test.context.support.AbstractDirtiesContextTestExecutionListener - Before test class: context [DefaultTestContext@60410cd testClass = SpringSApplicationTests, testInstance = [null], testMethod = [null], testException = [null], mergedContextConfiguration = [WebMergedContextConfiguration@44d52de2 testClass = SpringSApplicationTests, locations = '{}', classes = '{class com.example.SpringSApplication}', contextInitializerClasses = '[]', activeProfiles = '{}', propertySourceLocations = '{}', propertySourceProperties = '{org.springframework.boot.test.context.SpringBootTestContextBootstrapper=true}', contextCustomizers = set[org.springframework.boot.test.context.filter.ExcludeFilterContextCustomizer@72cde7cc, org.springframework.boot.test.json.DuplicateJsonObjectContextCustomizerFactory$DuplicateJsonObjectContextCustomizer@2bfc268b, org.springframework.boot.test.mock.mockito.MockitoContextCustomizer@0, org.springframework.boot.test.web.client.TestRestTemplateContextCustomizer@a2431d0, org.springframework.boot.test.autoconfigure.actuate.metrics.MetricsExportContextCustomizerFactory$DisableMetricExportContextCustomizer@550ee7e5, org.springframework.boot.test.autoconfigure.properties.PropertyMappingContextCustomizer@0, org.springframework.boot.test.autoconfigure.web.servlet.WebDriverContextCustomizerFactory$Customizer@2b48a640, org.springframework.boot.test.context.SpringBootTestArgs@1, org.springframework.boot.test.context.SpringBootTestWebEnvironment@1f7030a6], resourceBasePath = 'src/main/webapp', contextLoader = 'org.springframework.boot.test.context.SpringBootContextLoader', parent = [null]], attributes = map['org.springframework.test.context.web.ServletTestExecutionListener.activateListener' -> true]], class annotated with @DirtiesContext [false] with mode [null].

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:: Spring Boot :: (v2.7.15)

2023-09-06 12:06:07.104 INFO 6352 --- [ main] com.example.SpringSApplicationTests : Starting SpringSApplicationTests using Java 17.0.7 on DESKTOP-TQNT1EA with PID 6352 (started by Lenovo in C:\Users\Lenovo\eclipse-workspace\SpringS)

2023-09-06 12:06:07.118 INFO 6352 --- [ main] com.example.SpringSApplicationTests : No active profile set, falling back to 1 default profile: "default"

2023-09-06 12:06:35.692 INFO 6352 --- [ main] com.example.SpringSApplicationTests : Started SpringSApplicationTests in 34.735 seconds (JVM running for 67.923)

[INFO] **[1;32mTests run: [0;1;32m1**[m, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 89.391 s - in com.example.**[1mSpringSApplicationTests**[m

[INFO]

[INFO] Results:

[INFO]

[INFO] **[1;32mTests run: 1, Failures: 0, Errors: 0, Skipped: 0**[m

[INFO]

[INFO]

[INFO] **[1m---** [0;32mwar:3.3.2:war[m **[1m(default-war)**[m @ [36mSpringS**[0;1m ---**[m

[INFO] Packaging webapp

[INFO] Assembling webapp [SpringS] in [C:\Users\Lenovo\eclipse-workspace\SpringS\target\SpringS-0.0.1-SNAPSHOT]

[INFO] Processing war project

[INFO] Copying webapp resources [C:\Users\Lenovo\eclipse-workspace\SpringS\src\main\webapp]

[INFO] Building war: C:\Users\Lenovo\eclipse-workspace\SpringS\target\SpringS-0.0.1-SNAPSHOT.war

[INFO]

[INFO] **[1m---** [0;32mspring-boot:2.7.15:repackage[m **[1m(repackage)**[m @ [36mSpringS**[0;1m ---**[m

[INFO] Replacing main artifact with repackaged archive

[INFO] **[1m------------------------------------------------------------------------**[m

[INFO] **[1;32mBUILD SUCCESS**[m

[INFO] **[1m------------------------------------------------------------------------**[m

[INFO] Total time: 02:10 min

[INFO] Finished at: 2023-09-06T12:07:26+05:30

[INFO] **[1m------------------------------------------------------------------------**[m

[WARNING] The requested profile "pom.xml" could not be activated because it does not exist.