|  |
| --- |
| **spring4+quartz2根本配置及应用**  www.MyException.Cn  网友分享于：2014-10-06  浏览：11次  spring4+quartz2基本配置及应用 1、新建maven工程，添加spring4.0及quartz2.2依赖，pom.xml文件内容如下  <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/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">  <modelVersion>4.0.0</modelVersion>  <groupId>com.qerooy</groupId>  <artifactId>spring-quartz</artifactId>  <version>0.0.1-SNAPSHOT</version>  <packaging>war</packaging>  <properties>  <spring.version>4.0.2.RELEASE</spring.version>  <log4j.version>1.2.17</log4j.version>  <quartz.version>2.2.1</quartz.version>  </properties>  <dependencies>  <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-core</artifactId>  <version>${spring.version}</version>  </dependency>  <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-context</artifactId>  <version>${spring.version}</version>  </dependency>  <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-context-support</artifactId>  <version>${spring.version}</version>  </dependency>  <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-tx</artifactId>  <version>${spring.version}</version>  </dependency>  <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-web</artifactId>  <version>${spring.version}</version>  </dependency>  <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-webmvc</artifactId>  <version>${spring.version}</version>  </dependency>  <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-jdbc</artifactId>  <version>${spring.version}</version>  </dependency>  <dependency>  <groupId>log4j</groupId>  <artifactId>log4j</artifactId>  <version>${log4j.version}</version>  </dependency>  <dependency>  <groupId>org.quartz-scheduler</groupId>  <artifactId>quartz</artifactId>  <version>${quartz.version}</version>  </dependency>    <dependency>  <groupId>junit</groupId>  <artifactId>junit</artifactId>  <version>4.11</version>  <scope>test</scope>  </dependency>  <dependency>  <groupId>org.springframework</groupId>  <artifactId>spring-test</artifactId>  <version>3.2.3.RELEASE</version>  <scope>test</scope>  </dependency>  </dependencies>  <build />  </project>  2、新建一个简单Job（本例演示继承QuartzJobBean），其简单实现如下  public class QueryJob extends QuartzJobBean{    Logger log = Logger.getLogger(getClass());    public void query(){  log.info(" log "+new Date());  }  @Override  protected void executeInternal(JobExecutionContext context) throws JobExecutionException {  query();  }  }  3、增加spring配置，同时增加log4j日志 spring配置文件applicationContext.xml如下  <?xml version="1.0" encoding="UTF-8"?>  <beans xmlns="http://www.springframework.org/schema/beans"  xmlns:mvc="http://www.springframework.org/schema/mvc" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  xmlns:context="http://www.springframework.org/schema/context" xmlns:tx="http://www.springframework.org/schema/tx"  xmlns:util="http://www.springframework.org/schema/util"  xsi:schemaLocation="http://www.springframework.org/schema/beans http://www.springframework.org/schema/beans/spring-beans-4.0.xsd  http://www.springframework.org/schema/mvc http://www.springframework.org/schema/mvc/spring-mvc-4.0.xsd  http://www.springframework.org/schema/tx http://www.springframework.org/schema/tx/spring-tx-4.0.xsd  http://www.springframework.org/schema/context http://www.springframework.org/schema/context/spring-context-4.0.xsd  http://www.springframework.org/schema/util http://www.springframework.org/schema/util/spring-util-4.0.xsd">  <bean id="jobDetail" class="org.springframework.scheduling.quartz.JobDetailFactoryBean">  <property name="jobClass" value="com.qerooy.job.QueryJob"></property>  <property name="durability" value="true" />    </bean>    <bean id="cronTriggerBean" class="org.springframework.scheduling.quartz.CronTriggerFactoryBean">  <property name="jobDetail" ref="jobDetail"></property>  <property name="cronExpression" value="\* \* \* \* \* ?"></property>  </bean>  <bean id="trigger" class="org.springframework.scheduling.quartz.SchedulerFactoryBean">  <property name="triggers">  <list>  <ref bean="cronTriggerBean"/>  </list>  </property>  </bean>    </beans>  log4j简单配置日志log4j.properties文件如下  log4j.rootLogger=INFO,Console  log4j.appender.Console=org.apache.log4j.ConsoleAppender  log4j.appender.Console.layout=org.apache.log4j.PatternLayout  log4j.appender.Console.layout.ConversionPattern=%-5r [%-17t] %-5p %c %x - %m%n  4、最后编写一个junit测试类，观察job运行情况  package com.qerooy;  import org.junit.Test;  import org.junit.runner.RunWith;  import org.springframework.test.context.ContextConfiguration;  import org.springframework.test.context.junit4.SpringJUnit4ClassRunner;  @RunWith(SpringJUnit4ClassRunner.class)  @ContextConfiguration({"classpath\*:\*applicationContext.xml"})  public class SchedulerTest {    @Test  public void test() throws Exception{  Thread.sleep(20\*1000);  }    } |