



链滴

ClassNotFoundException: org.springframework.scheduling.quartz.CronTriggerBean

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原文链接: <https://ld246.com/article/1486899248464>

来源网站: 链滴

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<p>spring4.3.6与quartz 2.2.3集成出现以下问题</p>

```
<pre class="brush: xml">Caused by: org.springframework.beans.factory.CannotLoadBeanClass
Exception: Cannot find class [org.springframework.scheduling.quartz.CronTriggerBean] for be
n with name 'articleBatchRunTrigger' defined in class path resource [spring-quartz.xml]; neste
exception is java.lang.ClassNotFoundException: org.springframework.scheduling.quartz.Cron
riggerBean
```

```
    at org.springframework.beans.factory.support.AbstractBeanFactory.resolveBeanClass(Abstr
ctBeanFactory.java:1385)
```

```
    at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.determ
neTargetType(AbstractAutowireCapableBeanFactory.java:641)
```

```
    at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.predic
BeanType(AbstractAutowireCapableBeanFactory.java:609)
```

```
    at org.springframework.beans.factory.support.AbstractBeanFactory.isFactoryBean(Abstrac
tBeanFactory.java:1484)
```

```
    at org.springframework.beans.factory.support.DefaultListableBeanFactory.doGetBeanName
ForType(DefaultListableBeanFactory.java:425)
```

```
    at org.springframework.beans.factory.support.DefaultListableBeanFactory.getBeanNamesFo
rType(DefaultListableBeanFactory.java:403)
```

```
    at org.springframework.beans.factory.BeanFactoryUtils.beanNamesForTypeIncludingAnces
ors(BeanFactoryUtils.java:220)
```

```
    at org.springframework.beans.factory.support.DefaultListableBeanFactory.findAutowireCan
idates(DefaultListableBeanFactory.java:1260)
```

```
    at org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDepen
dency(DefaultListableBeanFactory.java:1101)
```

```
    at org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDepende
ncy(DefaultListableBeanFactory.java:1066)
```

```
    at org.springframework.beans.factory.annotation.AutowiredAnnotationBeanPostProcessor
AutowiredFieldElement.inject(AutowiredAnnotationBeanPostProcessor.java:585)
```

```
    ... 15 more
```

```
Caused by: java.lang.ClassNotFoundException: org.springframework.scheduling.quartz.CronTr
iggerBean
```

```
    at java.net.URLClassLoader$1.run(URLClassLoader.java:366)
```

```
    at java.net.URLClassLoader$1.run(URLClassLoader.java:355)
```

```
    at java.security.AccessController.doPrivileged(Native Method)
```

```
    at java.net.URLClassLoader.findClass(URLClassLoader.java:354)
```

```
    at java.lang.ClassLoader.loadClass(ClassLoader.java:425)
```

```
    at sun.misc.Launcher$AppClassLoader.loadClass(Launcher.java:308)
```

```
    at java.lang.ClassLoader.loadClass(ClassLoader.java:358)
```

```
    at org.springframework.util.ClassUtils.forName(ClassUtils.java:250)
```

```
    at org.springframework.beans.factory.support.AbstractBeanDefinition.resolveBeanClass(Abs
tractBeanDefinition.java:401)
```

```
    at org.springframework.beans.factory.support.AbstractBeanFactory.doResolveBeanClass(Ab
tractBeanFactory.java:1432)
```

```
    at org.springframework.beans.factory.support.AbstractBeanFactory.resolveBeanClass(Abstr
ctBeanFactory.java:1377)
```

```
    ... 25 more
```

```
</pre>
```

<p> </p>

<p> </p>

<p>实际上是因为quartz的配置信息用的是旧版本、而依赖的确是高版本的jar包</p>

<p>在quartz 1.8.6及以前版本的时候 调度触发器 依赖的类是 org.springfr
amework.scheduling.quartz.CronTriggerBean </p>

<p>在2.xx版本之后就改为了 org.springframework.scheduling.quartz.CronTriggerFacto
ryBean </p>

<p>因此当你依赖2.x.x版本之后只需将调度触发器的依赖类改为 org.springframework.scheduling.quartz.CronTriggerFactoryBean即可</p>
<p>在这贴出我spring-quartz.xml的配置文件，供大家参考:</p>
<pre class="brush: xml"><?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:context="http://www.springframework.org/schema/context"
xmlns:aop="http://www.springframework.org/schema/aop"
xmlns:tx="http://www.springframework.org/schema/tx"
xsi:schemaLocation="http://www.springframework.org/schema/aop http://www.springfra
ework.org/schema/aop/spring-aop-4.3.xsd
http://www.springframework.org/schema/beans http://www.springframework.org/sche
a/beans/spring-beans-4.3.xsd
http://www.springframework.org/schema/tx http://www.springframework.org/schema/tx
spring-tx-4.3.xsd
http://www.springframework.org/schema/context http://www.springframework.org/sch
ma/context/spring-context-4.3.xsd">

```
&lt;!-- *****配置跑批*****_
&gt;
```

```
&lt;!-- 线程执行器配置，用于任务注册 --&gt;
&lt;bean id="executor" class="org.springframework.scheduling.concurrent.ThreadPoolTaskE
xecutor"&gt;
&lt;property name="corePoolSize" value="10" /&gt;
&lt;property name="maxPoolSize" value="100" /&gt;
&lt;property name="queueCapacity" value="500" /&gt;
&lt;/bean&gt;
```

```
&lt;!--
```

```
===== 业务对象===== 将需要添加定时任务调度的类
置到这里 --&gt;
```

```
&lt;bean id="articleBatchRun" class="top.wys.developerclub.batchprocess.ArticleBatchRun" /
&gt;
```

```
&lt;!-- ===== 调度业务===== --&gt;
&lt;bean id="articleBatchRunService" class="org.springframework.scheduling.quartz.MethodI
nvo
kingJobDetailFactoryBean"&gt;
&lt;!-- 要调用的对象 --&gt;
&lt;property name="targetObject" ref="articleBatchRun" /&gt;
&lt;!-- 要执行的方法名称 --&gt;
&lt;property name="targetMethod" value="count" /&gt;
&lt;!-- 如果前一个任务还没有结束第二个任务不会启动 false --&gt;
&lt;property name="concurrent" value="false" /&gt;
&lt;/bean&gt;
```

```
&lt;!-- ===== 调度触发器 ===== --&gt;
&lt;bean id="articleBatchRunTrigger" class="org.springframework.scheduling.quartz.CronTrig
gerFactoryBean"&gt;
&lt;property name="jobDetail" ref="articleBatchRunService" /&gt;
&lt;!-- 每隔3秒钟审批一次 --&gt;
```

```
<property name="cronExpression" value="0/3 * * * * ?" />
</bean>

<!-- ===== 调度工厂 ===== -->
<bean id="schedulerBean" class="org.springframework.scheduling.quartz.SchedulerFactor
Bean" lazy-init="false">
  <property name="triggers">
    <list>
      <!-- add by 郑明亮 2017年2月12日19:58:13 用于定时爬取文章 -->
      <ref bean="articleBatchRunTrigger"/>
    </list>
  </property>
</bean>

</beans> </pre>
```

<p>更多关于quartz定时任务调度相关资料, 请看这里</p>
<h2 class="post-title"><a href="http://wuyongshi.top/articles/2016/10/28/1477645090030.h
ml" title="Quartz定时任务调度框架" target="_blank">Quartz任务调度框架</h2>
<p></p>
<p></p>
<p></p>