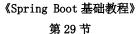


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Spring Boot 集成 Druid

#### 一、Druid 的介绍

主要功能对比

	Druid	BoneCP	DBCP	C3P0	Proxool	JBoss	Tomcat- Jdbc
LRU	是	否	是	否	是	是	?
PSCache	是	是	是	是	否	否	是
PSCache-Oracle- Optimized	是	否	否	否	否	否	否
ExceptionSorter	是	否	否	否	否	是	否
更新维护	是	否	否	否	否	?	是

 $\frac{\text{https://github.com/alibaba/druid/wiki/\%E5\%90\%84\%E7\%A7\%8D\%E6\%95\%B0\%E6\%8D\%AE\%E5\%BA\%93\%E8\%BF\%9}{\text{E\%E6\%8E\%A5\%E6\%B1\%A0\%E5\%AF\%B9\%E6\%AF\%94}$ 

中文文档: https://github.com/alibaba/druid/wiki/%E5%B8%B8%E8%A7%81%E9%97%AE%E9%A2%98

#### 二、添加依赖

<dependency>

<groupId>com.alibaba</groupId>
<artifactId>druid</artifactId>
<version>1.0.26</version>

</dependency>

#### 三、配置

 $spring.\ data source.\ type=com.\ alibaba.\ druid.\ pool.\ Druid Data Source$ 

#spring. datasource. type=org. apache. tomcat. jdbc. pool. DataSource

 $spring.\ datasource.\ url=jdbc:mysql://localhost/spring\_boot\_demo?useUnicode=true\&characterEncoding=utf-8$ 

spring.datasource.username=root

spring.datasource.password=123456

spring.datasource.driver-class-name=com.mysql.jdbc.Driver

注意: 关于 spring. datasource. type 的说明

旧版本不支持这个属性, 1.3.x 开始支持, 但是 1.4.0 不支持, 1.4.1 重新支持。

#### 四、添加 druid 的支持类

 $\verb"package" com. roncoo. example. util. configuration";$ 

 $import\ org.\ spring framework.\ boot.\ autoconfigure.\ condition.\ Conditional On Class;$ 





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```
import org. springframework.boot.autoconfigure.condition.ConditionalOnProperty;
    import org. springframework. boot. autoconfigure. jdbc. DataSourceProperties;
    import org.springframework.boot.context.properties.ConfigurationProperties;
    import org. springframework. boot. jdbc. DatabaseDriver;
    import org. springframework. context. annotation. Bean;
    import org. springframework. context. annotation. Configuration;
    import com. alibaba. druid. pool. DruidDataSource;
    @Configuration
    public class DruidConfiguration {
    @ConditionalOnClass(DruidDataSource.class)
    @ConditionalOnProperty(name = "spring.datasource.type", havingValue =
    "com. alibaba. druid. pool. DruidDataSource", matchIfMissing = true)
    static class Druid extends DruidConfiguration {
         @Rean
         @ConfigurationProperties ("spring. datasource. druid")
         public DruidDataSource dataSource(DataSourceProperties properties) {
             DruidDataSource druidDataSource = (DruidDataSource)
    properties. initializeDataSourceBuilder(). type (DruidDataSource. class). build();
             DatabaseDriver databaseDriver =
    DatabaseDriver.fromJdbcUrl(properties.determineUrl());
             String validationQuery = databaseDriver.getValidationQuery();
             if (validationQuery != null) {
                  druidDataSource. setValidationQuery(validationQuery);
             return druidDataSource;
五、监控
1.配置 servlet
package com.roncoo.example.util.servlet;
import javax.servlet.annotation.WebInitParam;
import javax.servlet.annotation.WebServlet;
import com.alibaba.druid.support.http.StatViewServlet;
 * @author wujing
```





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```
@WebServlet(urlPatterns = { "/druid/*" }, initParams =
{ @WebInitParam(name = "loginUsername", value = "roncoo"),
@WebInitParam(name = "loginPassword", value = "roncoo") })
public class DruidStatViewServlet extends StatViewServlet {
   private static final long serialVersionUID = 1L;
  }
2.配置 filter
package com.roncoo.example.util.filter;
import javax.servlet.annotation.WebFilter;
import javax.servlet.annotation.WebInitParam;
import com.alibaba.druid.support.http.WebStatFilter;
/**
* @author wujing
@WebFilter(filterName = "druidWebStatFilter", urlPatterns =
"/*", initParams = { @WebInitParam(name = "exclusions", value
= "*.js, *.gif, *.jpg, *.bmp, *.png, *.css, *.ico, /druid/*") })
public class DruidWebStatFilter extends WebStatFilter {
}
#初始化连接大小
spring.datasource.druid.initial-size=8
#最小空闲连接数
spring.datasource.druid.min-idle=5
#最大连接数
spring.datasource.druid.max-active=10
#查询超时时间
spring.datasource.druid.query-timeout=6000
#事务查询超时时间
spring.datasource.druid.transaction-query-timeout=6000
#关闭空闲连接超时时间
spring.datasource.druid.remove-abandoned-timeout=1800
3.测试: http://localhost:8080/druid/index.html
4.sql 监控配置
#filter类名:stat,config,encoding,logging
```





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spring.datasource.druid.filters=stat

### 5. spring 监控配置

@ImportResource(locations = { "classpath:druid-bean.xml" })

更多课程信息,请关注 <mark>龙果学院</mark> 官方网站 <a href="http://www.roncoo.com/">http://www.roncoo.com/</a> 或关注 <mark>龙果</mark> 微信公众号 RonCoo\_com</a>



