# **Distributed Relational Database Service**

**Best Practice** 

#### **Best Practice**

#### **SQL Optimization**

## **Selection of Application Connection Pool**

### Selection of application connection pool

It is highly recommended that you connect a task with a connection pool. In the Java environment, DRUID serves as an application connection pool (https://github.com/alibaba/druid/), and is the most recommended connection pool. The components in the DRUID connection pool are well-tested and stable standard components released by Alibaba Corporation. They also implement monitoring and other functions.

#### Spring standard configuration of DRUID

```
<bean id="dataSource" class="com.alibaba.druid.pool.DruidDataSource" init-method="init" destroy-
method="close">
    cproperty name="driverClassName" value="com.mysql.jdbc.Driver" />
    <!--essential attribute url, user, password -->
    cproperty name="url"
value="jdbc:mysql://ip:port/db?autoReconnect=true&rewriteBatchedStatements=true&socketTimeout=3
0000&connectTimeout=3000" />
    roperty name="username" value="root" />
    roperty name="password" value="123456" />
    <!—configuration initialization size, minimum and maximum -->
    roperty name="maxActive" value="20" />
    cproperty name="initialSize" value="3" />
    cproperty name="minIdle" value="3" />
    <!--maxWait timeout for waiting for obtaining of connection -->
    cproperty name="maxWait" value="60000" />
    <!—timeBetweenEvictionRunsMillis detection interval, idle connection to be closed for detection, with
millisecond as unit -->
```