

# 数据库DDL-V1.0

## 数据库DDL使用liquibase

### 数据库paas-micro-order

- 数据库paas-micro-order/admin/pom.xml使用liquibase

```
<dependency>  
  <groupId>org.liquibase</groupId>  
  <artifactId>liquibase-core</artifactId>  
  <version>4.16.0</version>  
</dependency>
```

- 数据库paas-micro-order/admin/config(LiquibaseConfiguration.java)

```
package com.ebuytech.paas.micro.order.config;  
  
import liquibase.integration.spring.SpringLiquibase;  
import org.springframework.beans.factory.annotation.Autowired;  
import org.springframework.context.ApplicationContext;  
import org.springframework.context.annotation.Bean;  
import org.springframework.context.annotation.Configuration;  
  
import javax.sql.DataSource;  
  
/**  
 * <pre>  
 *  
 * </pre>  
 *  
 * @author jiangjin  
 * @version $Id: object.java, v 0.1 2023/10/13 13:04 jiangjin Exp $$
```

```

*/
@Configuration
public class LiquibaseConfiguration {

    @Autowired
    private ApplicationContext springContext;

    @Bean
    public SpringLiquibase dsLiquibase() {
        return liquibase("ds");
    }

    @Bean
    public SpringLiquibase ds0Liquibase() {

        return liquibase("ds0");
    }

    public SpringLiquibase liquibase(String dsName) {
        SpringLiquibase liquibase = new SpringLiquibase();
        DataSource ds = this.springContext.getBean(dsName, DataSource.class);
        // Liquibase[]
        liquibase.setChangeLog("classpath:db/changelog-master.xml");
        liquibase.setDataSource(ds);
        liquibase.setShouldRun(true);
        return liquibase;
    }
}

```

- `paas-micro-order/admin/src/main/resources/db/changelog-master-ds.xml,db/changelog-master-ds0.xml,db/changelog-master.xml`

```

<?xml version="1.0" encoding="UTF-8"?>
<databaseChangeLog
    xmlns="http://www.liquibase.org/xml/ns/dbchangelog"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://www.liquibase.org/xml/ns/dbchangelog
    http://www.liquibase.org/xml/ns/dbchangelog/dbchangelog-3.1.xsd">

```

```
<include file="classpath:/db/changelog_ds.sql"/>
</databaseChangeLog>
```

- changelog\_ds.sql

```
-- liquibase formatted sql

-- changeset jiangjin:2023-1013-0958
alter table order_rule add column test varchar(10);

-- changeset jiangjin:2023-1016-0958
alter table order_rule drop column test;

-- changeset jiangjin:2023-1016-1133
alter table order_rule add column test2 varchar(10);

-- changeset jiangjin:2023-1016-1303
alter table order_rule drop column test2;
```

Revision #3

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