

# mybatis 入門

2021.3.22 mybatis

## 1. pom 引入

```
<dependency>    <groupId>org.mybatis</groupId>    <artifactId>mybatis</artifactId>  
<version>x.x.x</version> </dependency>
```

```
<dependency>
```

```
    <groupId>mysql</groupId>
```

```
    <artifactId>mysql-connector-java</artifactId>
```

```
    <version>8.0.23</version>
```

```
</dependency>
```

## 2.db.sql

```
mysql -uroot -p
```

```
create database webapp1902 charset utf8mb4;
```

```
create user 'webapp1902'@'%' identified by 'webapp1902';
```

```
grant all on webapp1902.* to 'webapp1902'@'%';
```

```
mysql -uwebapp1902 -pwebapp1902 -h127.0.0.1 webapp1902
```

```
create table user (  
  
    id int auto_increment primary key,  
  
    name varchar(20),  
  
    mobile varchar(11)  
  
);
```

```
insert into user(name, mobile)  
  
value ('caidao', '18011160607');
```

```
insert into user(name, mobile)  
  
value ('廖若飞', '18011160608');
```

### 3.创建 mybatis-config.xml

改里面变量: driver, url, user, password

### 4.url 的写法

mac:

```
jdbc:mysql://localhost/webapp1902
```

win:

`jdbc:mysql://localhost/webapp1902?serverTimezone=GMT%2B8`

5.model

```
public class User {  
  
    private Integer id;  
  
    private String name;  
  
    private String mobile;  
  
    ...  
  
}
```

6. mapper

```
<mapper namespace="cn.com.scitc.mapper.UserMapper">  
  
    <select id="selectUser" resultType="cn.com.scitc.model.User">  
  
        select * from user where id = #{id}  
  
    </select>  
  
</mapper>
```

7.测试类

@Test

```
public void test1() {

    InputStream inputStream = null;

    try {

        inputStream = Resources.getResourceAsStream("mybatis-config.xml");

    } catch (IOException e) {

        e.printStackTrace();

        return;

    }

    SqlSessionFactory sqlSessionFactory = new
SqlSessionFactoryBuilder().build(inputStream);

    try (SqlSession session = sqlSessionFactory.openSession()) {

        User user = (User)
session.selectOne("cn.com.scitc.mapper.UserMapper.selectUser", 2);

        System.out.println("name:" + user.getName());

    }

}
```