

模糊查询

1.设计数据库表

id	name	age
1	Tom	12
2	Bob	13
3	Jack	18

在数据库中进行数据模糊查询

其查询语句为 select * from d_user where name like "%o%" AND age BETWEEN 12 and 13

注意要打双引号

查询创建工具 | 查询编辑器

```
1 select * from d_user where name like "%o%" AND age BETWEEN 12 and 13
```

信息	结果1	概况	状态
id	name	age	
1	Tom	12	
2	Bob	13	

2.配置mapper.xml

```
<select id="getUser" resultType="User" parameterType="ConditionUser">
    select * from d_user where
    <if test='name!="null"'>
        name like #{name} AND
    </if>
        age BETWEEN #{minAge} and #{maxAge}
    </select>

    <select id="getUser" resultType="User" parameterType="ConditionUser">
        select * from d_user where
        <if test='name!="null"'>
            name like #{name} AND
        </if>
            age BETWEEN #{minAge} and #{maxAge}

    </select>
```

注意此处为<if test='name!="null"'>， "%null%"是在此处整体判断name是否为空值的条件，即传过来的name是否为空，用到了<if>语句，注意学习用法

3.java端代码，，模糊查询用 "%" + name "%"，注意用法，测试了判断为空的情况

```
@Test  
public void getClasses(){  
    SqlSessionFactory factory = MybatisUtils.getFactory();  
    SqlSession session = factory.openSession();  
  
    String statement = "com.mccken.test7.UserMapper.getUser";  
    String name = "o";  
    name| = null;  
    ConditionUser conditionUser = new ConditionUser("%" + name + "%", 11, 12);  
    List<User> user = session.selectList(statement, conditionUser);  
    System.out.println(user);  
    session.close();  
}
```

4.结果也就不言而喻了，一言不合就出来，注意盯着看日志产生的sql语句

```
IDEBUG 04-10 14:19:41,971 Setting autocommit to false on JDBC Connection [com.mysql.jdbc.Connection@5899a269] (BaseJdbcLogger.java:132)  
IDEBUG 04-10 14:19:41,974 ooo Using Connection [com.mysql.jdbc.Connection@5899a269] (BaseJdbcLogger.java:132)  
IDEBUG 04-10 14:19:41,976 ==> Preparing: select * from d_user where age BETWEEN ? and ? (BaseJdbcLogger.java:132)  
IDEBUG 04-10 14:19:42,044 ==> Parameters: 11(Integer), 12(Integer) (BaseJdbcLogger.java:132)  
IDEBUG 04-10 14:19:42,072 <== Total: 1 (BaseJdbcLogger.java:132)  
[User [id=1, name=Tom, age=12]]  
IDEBUG 04-10 14:19:42,073 Resetting autocommit to true on JDBC Connection [com.mysql.jdbc.Connection@5899a269] (BaseJdbcLogger.java:132)
```

5.老地方，注意在config.xml注册mapper.xml配置信息

