

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

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
I 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

```

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

```

5.老地方，注意在config.xml注册mapper.xml配置信息

