



链滴

Mybatis 动态 SQL 含运算语句

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最近在一个小项目中用到分页，网上找到一条MySQL分页的公式

```
int page; //page为当前页
int pageSize; //pageSize为每页数量
```

```
//limit m, n 表示从第几条开始检索，查询多少条记录
select * from table limit (page - 1)*page , pageSize;
```

看起来好像很简单，稍微改下mapper文件就行

```
//当参数超过一个时，需使用 @Param 标注
ArrayList<animalInfo> selectAnima(@Param("page") int page, @Param("pageSize") int pageSize);
```

```
<select id="selectAnima" resultMap="BaseResultMap">
  select
  <include refid="Base_Column_List" />
  from anima_info
  limit (#{page} - 1) * #{pageSize}, #{pageSize}
</select>
```

保存、部署、运行一气呵成

<input type="checkbox"/>	番名	季	集	链接	观看时间 ⌵	完结 ⌵
数据接口请求异常: error						

2019-08-01 11:35:23.260 ERROR 7152 --- [p-nio-80-exec-2] o.a.c.c.C.[.][.].[dispatcherServlet] : Servlet.service() for servlet [dispatcherServlet] in context with path [] threw exception [Request processing failed; nested exception is org.springframework.jdbc.BadSqlGrammarException:

Error querying database. Cause: com.mysql.jdbc.exceptions.jdbc4.MySQLSyntaxErrorException: You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '(1 - 1) * 1, 10' at line 6

The error may exist in file [F:\Test\anima\target\classes\mapper\animaInfoMapper.xml]

The error may involve defaultParameterMap

The error occurred while setting parameters

SQL: select id, anima_name, season, chapter, anima_link, watch_time, watch_status from anima_info limit (? - 1) * ?, ?

Cause: com.mysql.jdbc.exceptions.jdbc4.MySQLSyntaxErrorException: You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '(1 - 1) * 1, 10' at line 6

; bad SQL grammar []; nested exception is com.mysql.jdbc.exceptions.jdbc4.MySQLSyntaxErrorException: You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '(1 - 1) * 1, 10' at line 6] with root cause

あれ，居然出问题了

解决方案

赶紧查找夫佬博客——资料，好像Mybatis不能执行这种含有运算符的语句，有点坑。

知道问题就好办了，继续查找。

发现了一个标签<bind>，可以使用OGNL表达式创建一个变量并将其绑定到上下文中。

继续改改，试试

```
<select id="selectAnima" resultMap="BaseResultMap">
    <bind name="num" value="(page - 1) * limit" />
    select
    <include refid="Base_Column_List" />
    from anima_info
    limit #{num}, #{pageSize}
</select>
```

复选	番名	季	集	链接	观看时间	完结
<input checked="" type="checkbox"/>	南家三姐妹	4	1	www.bilibili.com	2019-07-24 18:08:40	0

< 1 页 确定 共0条 10条/页

很好, 完美运行