**mybatis中的mapper接口文件以及example类的实例函数以及详解**

**（**[**http://blog.csdn.net/paincupid/article/details/50921110**](http://blog.csdn.net/paincupid/article/details/50921110)**）**

**##Example example = new ##Example();**

**example.setOrderByClause("字段名 ASC"); //升序排列，desc为降序排列。**

**example.setDistinct(false)//去除重复，boolean型，true为选择不重复的记录。**

**Criteria criteria = new Example().createCriteria();**

**is null;is not null;**

**equal to(value);not equal to(value);**

**GreaterThan(value);GreaterThanOrEqualTo(value);**

**LessThan(value); LessThanOrEqualTo(value);**

**in(item,item,item,...);not in(item,item,item,...);**

**like("%"+value+"%");not like("%"+value+"%");**

**Between(value1,value2);not between(value1,value2)**

**mybatis中mapper的实例函数:**

**int countByExample(UserExample example) thorws SQLException：按条件计数。**

**int deleteByPrimaryKey(Integer id) thorws SQLException：按主键删除。**

**int deleteByExample(UserExample example) thorws SQLException：按条件删除。**

**String/Integer insert(User record) thorws SQLException：插入(返回值为id值)**

**User selectByPrimaryKey(Integer id) thorws SQLException：按主键查询。**

**List<?>selectByExample(UserExample example) thorws SQLException：按条件查询**

**List<?>selectByExampleWithBLOGs(UserExample example) thorws SQLException：按**

**条件查询（包括BLOB字段）。只有当数据表中的字段类型有为二进制的才会产生。**

**int updateByPrimaryKey(User record) thorws SQLException：按主键更新**

**int updateByPrimaryKeySelective(User record) thorws SQLException：按主键更新**

**值不为null的字段**

**int updateByExample(User record, UserExample example) thorws SQLException：**

**按条件更新**

**int updateByExampleSelective(User record, UserExample example) thorws**

**SQLException：按条件更新值不为null的字段**

**mybatis中mapper的实例函数详解：**

**① selectByPrimaryKey()**

**User user = ##Mapper.selectByPrimaryKey(100); 相当于select \* from user where**

**id = 100**

**② selectByExample() 和 selectByExampleWithBLOGs()**

**UserExample example = new UserExample();**

**Criteria criteria = example.createCriteria();**

**criteria.andUsernameEqualTo("joe");**

**criteria.andUsernameIsNull();**

**example.setOrderByClause("username asc,email desc");**

**List<?>list = ##Mapper.selectByExample(example);**

**相当于：select \* from user where username = 'joe' and username is null order**

**by username asc,email desc**

**注：在iBator 生成的文件UserExample.java中包含一个static 的内部类 Criteria ，**

**在Criteria中有很多方法，主要是定义SQL 语句where后的查询条件。**

**③ insert()**

**User user = new User();**

**user.setId(101);**

**user.setUsername("test");**

**user.setPassword("123")**

**user.setEmail("joe@163.com");**

**##Mapper.insert(user);**

**相当于：insert into user(ID,username,password,email) values**

**(101,'test','123','joe@163.com');**

**④ updateByPrimaryKey() 和 updateByPrimaryKeySelective()**

**User user =new User();**

**user.setId(101);**

**user.setUsername("joe");**

**user.setPassword("joe");**

**user.setEmail("joe@163.com");**

**##Mapper.updateByPrimaryKey(user);**

**相当于：update user set username='joe',password='joe',email='joe@163.com'**

**where id=101**

**User user = new User();**

**user.setId(101);**

**user.setPassword("joe");**

**##Mapper.updateByPrimaryKeySelective(user);**

**相当于：update user set password='joe' where id=101**

**⑤ updateByExample() 和 updateByExampleSelective()**

**UserExample example = new UserExample();**

**Criteria criteria = example.createCriteria();**

**criteria.andUsernameEqualTo("joe");**

**User user = new User();**

**user.setPassword("123");**

**##Mapper.updateByPrimaryKeySelective(user,example);**

**相当于：update user set password='123' where username='joe'**

**⑥ deleteByPrimaryKey()**

**##Mapper.deleteByPrimaryKey(101); 相当于：delete from user where id=101**

**⑦ deleteByExample()**

**UserExample example = new UserExample();**

**Criteria criteria = example.createCriteria();**

**criteria.andUsernameEqualTo("joe");**

**##Mapper.deleteByExample(example);**

**相当于：delete from user where username='joe'**

**⑧ countByExample()**

**UserExample example = new UserExample();**

**Criteria criteria = example.createCriteria();**

**criteria.andUsernameEqualTo("joe");**

**int count = ##Mapper.countByExample(example);**

**相当于：select count(\*) from user where username='joe'**

# [MyBatis - MyBatis Generator 生成的example 如何使用 and or 简单混合查询](http://www.cnblogs.com/kangping/p/6001519.html)

**（http://www.cnblogs.com/kangping/p/6001519.html ）**

**DemoExample example=new DemoExample();**

**DemoExample.Criteria criteria1=example.createCriteria();**

**criteria1.andAEqualTo(?).andBEqualTo(?);**

**DemoExample.Criteria criteria2=example.createCriteria();**

**criteria2.andAEqualTo(?).andCEqualTo(?);**

**example.or(criteria2);**

**SqlSession sqlSession = MyBatisUtil.openSession();**

**DemoMapper m = sqlSession.getMapper(DemoMapper.class);**

**m.countByExample(example);**

**//生成的sql语句**

**select count(\*) from demo WHERE ( a = ? and b = ? ) or ( a = ? and c = ? )**