# 1、mybatis分页

## 1、 controller

## 解释：

### 1、给定默认值 defaultValue

### 2、page 为当前页面参数（默认从0开始）

### 3、pageSize为当前页面的每页显示数量

@RequestMapping("data")  
@ResponseBody  
public Page<Customer> data(@RequestParam(defaultValue = "0")Integer page, String name, Integer status,  
 @RequestParam(defaultValue = "15")Integer pageSize){  
 Pageable pageable = new PageRequest(page,pageSize);  
 return customerService.findCustomerList(pageable,name,status);  
}

## 2、service

## 解释 取得一个list集合，再取得总数list,pageable count,放到PageImpl中就会构建一个Page集合

### 1、pageable.getOffset() 为经过计算后的从多少个记录开始算起

@Override  
public Page<Customer> findCustomerList(Pageable pageable, String name, Integer status) {  
 List<Customer> list = customerMapper.findCustomerList(name, status, pageable.getOffset(), pageable.getPageSize());  
 Long count = customerMapper.countCustomerList(name, status);  
 return new PageImpl<>(list,pageable,count);  
}

## 3、mapper接口

public interface CustomerMapper {  
  
 List<Customer> findCustomerList( @Param("name") String name,  
 @Param("status") Integer status,  
 @Param("offset") Integer offset,  
 @Param("limit") Integer limit);  
  
 Long countCustomerList(@Param("name") String name,  
 @Param("status") Integer status);  
}

## 4、mapper.xml sql'语句

## 解释：name是模糊查找，status是精确查找

*<?*xml version="1.0" encoding="UTF-8"*?>*<!DOCTYPE mapper PUBLIC "-//mybatis.org//DTD Mapper 3.0//EN" "http://mybatis.org/dtd/mybatis-3-mapper.dtd" *>*<mapper namespace="com.duodian.admore.dao.mybatis.customer.CustomerMapper">  
  
 <select id="findCustomerList" resultType="com.duodian.admore.entity.db.customer.Customer">  
 SELECT t.*\** from crm\_customer t  
 WHERE t.isVisiblisVisiblee = 1  
 <if test="name != null and name != ''">  
 and t.name like CONCAT('%','${name}','%' )  
 </if>  
 <if test="status != null">  
 and t.status = #{status}  
 </if>  
 order by t.id DESC  
 limit #{offset}, #{limit}  
 </select>  
  
 <select id="countCustomerList" resultType="java.lang.Long">  
 select count(*\**) from crm\_customer t  
 WHERE t.isVisible = 1  
 <if test="name != null and name != ''">  
 and t.name like CONCAT('%','${name}','%' )  
 </if>  
 <if test="status != null">  
 and t.status = #{status}  
 </if>  
 </select>  
  
</mapper>

# 2、hibernate分页

## 1、controller

/\*\*  
 \*hibernate分页  
 \*/  
@RequestMapping("listhbGetPage")  
@ResponseBody  
public Page<ContactRecord> listhb(String customerName, String pactType,Pageable pageable){  
 Page<ContactRecord> pageResult = contactService.findHbPage( customerName,pactType,pageable);  
 return pageResult;  
}

## 2、jpa

public interface ContactRecordDAO extends CrudRepository<ContactRecord,Long>{  
  
 @Query("From ContactRecord as c where (" +  
 " c.customerName like %:customerName% or :customerName =null or :customerName ='') and " +  
 "(c.pactType = :pactType or :pactType = null or :pactType = '')")  
 Page<ContactRecord> findPageAll(@Param("customerName") String customerName, @Param("pactType")String pactType, Pageable pageable);;  
  
  
}

## 3、参数传递html pageable

$scope.query.sort="addTime,desc";  
$scope.query.size=5; //初始化，每页显示5条

$scope.query.page = page;

# 2.2、hibernate终极分页

## 1、controller

@RequestMapping("data")  
@ResponseBody  
public Page<ZbtPictureCardBag> data(@RequestParam(defaultValue = "0")Integer page,  
 @RequestParam(defaultValue = "15")Integer pageSize,  
 String name){  
 Pageable pageable = new PageRequest(page,pageSize);  
 return cardBagService.findPictureCardBagList(pageable, name);  
}

## 1、service

### 1、防微杜渐，让name提前判断，如果有多个条件，还是建议使用mybatis，否则这里就需要写很多判断了

## 2、StatusNot 表示数据中status的字段的数据不等于我们输入的参数

@Override  
public Page<ZbtPictureCardBag> findPictureCardBagList(Pageable pageable, String name) {  
 Page<ZbtPictureCardBag> page = null;  
 if(StringUtils.isBlank(name)){  
 page = pictureCardBagDAO.findByStatusNot(pageable, ZbtPictureCardBag.***STATUS\_DISABLE***);  
 }else {  
 page = pictureCardBagDAO.findByNameContainingAndStatusNot(pageable, name, ZbtPictureCardBag.***STATUS\_DISABLE***);  
 }  
 for (ZbtPictureCardBag cardBag : page){  
 cardBag.setStatusDesc("可用");  
 }  
 return page;  
}

## 3、dao repository name模糊查询

public interface ZbtPictureCardBagDAO extends CrudRepository<ZbtPictureCardBag,Long>{  
  
 List<ZbtPictureCardBag> findByStatusNot(Integer status);  
  
 Page<ZbtPictureCardBag> findByStatusNot(Pageable pageable, Integer status);  
  
 Page<ZbtPictureCardBag> findByNameContainingAndStatusNot(Pageable pageable, String name,Integer status);  
  
}