**J2EE个人文档**

**一、Dao**

**1.1定义一个接口CustomerDao**

package edu.zut.cs.javaee.epms.customer.dao;

import edu.zut.cs.javaee.epms.admin.domain.User;

import edu.zut.cs.javaee.epms.base.dao.GenericDao;

import edu.zut.cs.javaee.epms.customer.domain.Customer;

/\*

\* create CustomerDao

\*/

public interface CustomerDao extends GenericDao<Customer, Long> {

Customer findByAddress (String address);

}

**1.2 Dao层text类**

import edu.zut.cs.javaee.epms.customer.domain.Customer;

import edu.zut.cs.javaee.epms.base.dao.DaoConfig;

@RunWith(SpringJUnit4ClassRunner.class)

@ContextConfiguration(classes = DaoConfig.class)

class CustomerDaoTest {

@Autowired

CustomerDao customerDao;

@Test

public void testFindByAddress() {

customerDao.findByAddress("address");

}

}

**二、Service**

**2.1 text**

public class CustomerEntityGenerator extends GenericGenerator {

/\*\*

\* CustomerManager test class

\*Customer Database mapping test

\* This class can test the availability of CustomerManager

\*/

@Autowired

CustomerManager customerManager;

@Test

public void gen\_customer() {

for (int i = 0; i < 10; i++) {

Customer g = new Customer();

g.setAddress("customer\_" + i);

this.customerManager.save(g);

for (int j = 0; j < 10; j++) {

Customer customer = new Customer();

customer.setAddress("customer\_" + i + "\_" + j);

customer.setParent(g);

g = this.customerManager.save(customer);

}

}

}

}

**2.2 impl**

import edu.zut.cs.javaee.epms.base.service.impl.GenericManagerImpl;

import edu.zut.cs.javaee.epms.customer.dao.CustomerDao;

import edu.zut.cs.javaee.epms.customer.domain.Customer;

import edu.zut.cs.javaee.epms.customer.service.CustomerManager;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Component;

/\*\*

\* customer managerimpl class

\* CustomerManagerImpl extends GenericManagerImpl and it's CustomerManager interface

\* @param Customer class

\* @author zhangjinzeng

\*

\*/

@Component

public class CustomerManagerImpl extends GenericManagerImpl<Customer, Long> implements CustomerManager {

CustomerDao customerDao;

@Autowired

public void setCustomerDao(CustomerDao customerDao) {

this.customerDao = customerDao;

this.dao = this.customerDao;

}

@Override

public Customer findbyPostcode(String postcode) {

// TODO Auto-generated method stub

return null;

}

}

1. **Web**

**3.1 controller**

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Controller;

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RequestMethod;

import edu.zut.cs.javaee.epms.base.web.spring.controller.GenericController;

import edu.zut.cs.javaee.epms.customer.domain.Customer;

import edu.zut.cs.javaee.epms.customer.service.CustomerManager;

@Controller

@RequestMapping("/customer/customer")

public class CustomerController extends GenericController<Customer, Long, CustomerManager> {

CustomerManager customerManager;

@RequestMapping(method = RequestMethod.GET, value = "/index.html")

public String index() {

return "customer/index";

}

@Autowired

public void setCustomerManager(CustomerManager customerManager) {

this.customerManager = customerManager;

this.manager = this.customerManager;

}

}