# 添加依赖包

## 1 dbunit

<dependency>

<groupId>org.dbunit</groupId>

<artifactId>dbunit</artifactId>

<version>2.5.2</version>

<type>jar</type>

<scope>test</scope>

</dependency>

## 2. spring-test

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-test</artifactId>

<version>${spring.version}</version>

<scope>test</scope>

</dependency>

## 3. spring-test-dbunit

<dependency>

<groupId>com.github.springtestdbunit</groupId>

<artifactId>spring-test-dbunit</artifactId>

<version>1.1.0</version>

<scope>test</scope>

</dependency>

## 4.junit

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.12</version>

<scope>test</scope>

</dependency>

# 编写xml文件用于插入数据

<TestPerson.xml>

### 格式如下：

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<-- 固定的!-->

<dataset>

<-- test 为表名，user\_name为列名 c为插入值-->

<test user\_name=*"c"*/>

<test user\_name=*"d"*/>

</dataset>

# 在mysql中添加测试数据库

C:\Users\KR0053\AppData\Local\Temp\1520825595(1).png

# 编写Spring的config文件

<config.xml>

# 编写dao的集成测试类

<TestTestDao.java>

### 详细如下

**package** **test.com.keystar.channel.dao**;

**import static** **org.junit.Assert.assertEquals**;

**import** **java.util.List**;

**import** **org.junit.Test**;

**import** **org.junit.runner.RunWith**;

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

**import** **org.springframework.test.context.ContextConfiguration**;

**import** **org.springframework.test.context.TestExecutionListeners**;

**import** **org.springframework.test.context.junit4.AbstractTransactionalJUnit4SpringContextTests**;

**import** **org.springframework.test.context.junit4.SpringJUnit4ClassRunner**;

**import** **org.springframework.test.context.support.DependencyInjectionTestExecutionListener**;

**import** **org.springframework.test.context.transaction.TransactionConfiguration**;

**import** **org.springframework.transaction.annotation.Transactional**;

**import** **com.github.springtestdbunit.DbUnitTestExecutionListener**;

**import** **com.github.springtestdbunit.annotation.DatabaseSetup**;

**import** **com.github.springtestdbunit.annotation.DbUnitConfiguration**;

**import** **com.keystar.channel.bean.TestPerson**;

**import** **com.keystar.channel.dao.TestDao**;

*/\*\**

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*\* @version 1.0*

*\* 创建时间：2018年3月9日 下午1:46:51*

*\* 类说明*

*\*/*

*//指明 Junit Runner*

**@RunWith**(SpringJUnit4ClassRunner.class)

*//加载Spring的配置文件 1. config文件 2.dao文件*

**@ContextConfiguration**(locations = {"classpath:test/dbunit/xml/config.xml","classpath:daoContext.xml"})

*//指定 dbunit的listener：*

**@TestExecutionListeners**({ DependencyInjectionTestExecutionListener.class, DbUnitTestExecutionListener.class })

*//继承AbstractTransactionalJUnit4SpringContextTests ，*

*//使其不会出 no session found for current thread 错误*

**public** **class** **TestTestDao** **extends** AbstractTransactionalJUnit4SpringContextTests{

*//声明要被测试的dao ，创建getter setter，并添加自动装配标志*

**@Autowired**

**private** TestDao testDao;

**@Test**

*//添加将要加载的数据到数据库表*

**@DatabaseSetup**({ "classpath:test/dbunit/xml/test/TestPerson.xml" })

**public** void testFind() **throws** Exception {

List<TestPerson> personList = **this**.getTestDao().getTests();

assertEquals(2, personList.size());

assertEquals("c", personList.get(0).getName());

}

**public** TestDao getTestDao() {

**return** testDao;

}

**public** void setTestDao(TestDao testDao) {

**this**.testDao = testDao;

}

}

# 编写bean

<TestPerson.java>

# 编写Dao

<TestDaoImpl.java>

# 将 Dao类添加到daoContext.xml

# 通过测试