## 1.创建postgresql方言类

*/\*\*  
 \* 数据库postgresql，用于支持jsonb的字段  
 \*/***public class** JsonPostgreSQLDialect **extends** PostgreSQL9Dialect {  
  
  
 **public** JsonPostgreSQLDialect() {  
 **super**();  
 **this**.registerColumnType(Types.***JAVA\_OBJECT***, **"jsonb"**);  
 **this**.registerHibernateType(Types.***OTHER***,  
 **"cn.edu.dlut.career.domain.company.StringJsonUserType"**);  
 }  
}

## 2.将方言导入application.yml配置文件（spring boot）用于spring boot启动支持

**datasource:  
 url :** jdbc:postgresql://localhost:5432/dlut?useUnicode=true&characterEncoding=UTF-8  
 **username :** postgres  
 **password :** 123456  
 **driverClassName :** org.postgresql.Driver  
**jpa:  
 database :** postgresql  
 **show-sql :** true  
 **hibernate:  
 ddl-auto :** update  
 **properties:  
 hibernate:  
 dialect:** cn.edu.dlut.career.domain.company.JsonPostgreSQLDialect

## 2.编写自定的 StringJsonUserType (复制即可) 它继承与UserType

**public class** StringJsonUserType **implements** UserType {  
  
 **public static final int**[] ***TYPES*** = {Types.***JAVA\_OBJECT***};  
  
 @Override  
 **public int**[] sqlTypes() {  
 **return *TYPES***;  
 }  
  
 @Override  
 **public** Class returnedClass() {  
 **return** String.**class**;  
 }  
  
 @Override  
 **public boolean** equals(Object o1, Object o2) **throws** HibernateException {  
 **if** (o1 == **null**) {  
 **return** o2 == **null**;  
 }  
 **return** o1.equals(o2);  
 }  
  
 @Override  
 **public int** hashCode(Object o1) **throws** HibernateException {  
 **return** o1.hashCode();  
 }  
  
 @Override  
 **public** Object nullSafeGet(ResultSet rs, String[] names, SharedSessionContractImplementor session,  
 Object owner) **throws** HibernateException, SQLException {  
 **return** rs.getString(names[0]);  
 }  
  
 @Override  
 **public void** nullSafeSet(PreparedStatement st, Object value, **int** index,  
 SharedSessionContractImplementor session)  
 **throws** HibernateException, SQLException {  
 **if** (value == **null**) {  
 st.setNull(index, Types.***OTHER***);  
 **return**;  
 }  
 st.setObject(index, value, Types.***OTHER***);  
 }  
  
  
 @Override  
 **public** Object deepCopy(Object value) **throws** HibernateException {  
 **return** value;  
 }  
  
 @Override  
 **public boolean** isMutable() {  
 **return true**;  
 }  
  
 @Override  
 **public** Serializable disassemble(Object value) **throws** HibernateException {  
 **return** (String) **this**.deepCopy(value);  
 }  
  
 @Override  
 **public** Object assemble(Serializable cached, Object owner) **throws** HibernateException {  
 **return this**.deepCopy(cached);  
 }  
  
 @Override  
 **public** Object replace(Object original, Object target, Object owner) **throws** HibernateException {  
 **return** original;  
 }  
  
}

## 3.创建json对象的java类（这个就是讲来用到的进行导入，转化对象）

**public class** InvoiceInfo {  
  
 **private** String **id**;  
 *//专场招聘预约或双选会，招聘会预约申请表ID(也可以作为其他表发票关联)外键)* **private** String **recCareerId**;  
  
 *//发票抬头* **private** String **title**;  
  
 *//发票类型：1 增值税普通发票，2 增值税专用发票* **private char type**;  
  
 *//税务登记号* **private** String **taxNum**;  
  
 *//开户行名称* **private** String **bankName**;  
  
 *//开户行账号* **private** String **accountNum**;  
  
 *//注册场所地址* **private** String **address**;  
  
 *//固定电话* **private** String **telphone**;  
  
 *//营业执照复印件(url地址)* **private** String **busiIcence**;  
  
 *//税务登记复印件(url地址)* **private** String **taxRegister**;  
  
 *//纳税人资格认证复印件(url地址)* **private** String **taxpayer**;  
  
 *//发票内容* **private** String **content**;  
  
 *//发票时间* **private** LocalDateTime **time**;  
  
 *//开票人* **private** String **drawer**;  
  
  
 **public** String getId() {  
 **return id**;  
 }  
  
 **public void** setId(String id) {  
 **this**.**id** = id;  
 }  
  
 **public** InvoiceInfo() {  
 }

## 3.编写实体类，jsonb字段

@Entity  
@Table(name = **"rec\_career\_fair\_entry"**)  
@TypeDefs({@TypeDef(name = **"StringJsonObject"**, typeClass = StringJsonUserType.**class**)})  
**public class** CarreFairEntry **implements** Serializable {  
  
 **private static final long *SERIVALVERSIONUID*** = 876280513342148585L;

*//审核不通过原因*@Column(length = 50,nullable = **true**)  
**private** String **nopassReason**;  
  
*//发票信息json*@Type(type = **"StringJsonObject"**)  
@Column(nullable = **true**)  
**private** String **invoiceInfo**;