**Create static employee list data using spring xml configuration**   
  
**employee.xml:**

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

<beans xmlns="http://www.springframework.org/schema/beans"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="

http://www.springframework.org/schema/beans

http://www.springframework.org/schema/beans/spring-beans.xsd">

<bean id="deptIT" class="com.example.model.Department">

<property name="id" value="1"/>

<property name="name" value="IT"/>

</bean>

<bean id="deptHR" class="com.example.model.Department">

<property name="id" value="2"/>

<property name="name" value="HR"/>

</bean>

<bean id="skillJava" class="com.example.model.Skill">

<property name="id" value="101"/>

<property name="name" value="Java"/>

</bean>

<bean id="skillAngular" class="com.example.model.Skill">

<property name="id" value="102"/>

<property name="name" value="Angular"/>

</bean>

<bean id="emp1" class="com.example.model.Employee">

<property name="id" value="1"/>

<property name="name" value="Alice"/>

<property name="department" ref="deptIT"/>

<property name="skills">

<list>

<ref bean="skillJava"/>

<ref bean="skillAngular"/>

</list>

</property>

</bean>

<bean id="emp2" class="com.example.model.Employee">

<property name="id" value="2"/>

<property name="name" value="Bob"/>

<property name="department" ref="deptHR"/>

<property name="skills">

<list>

<ref bean="skillJava"/>

</list>

</property>

</bean>

<bean id="emp3" class="com.example.model.Employee">

<property name="id" value="3"/>

<property name="name" value="Charlie"/>

<property name="department" ref="deptIT"/>

<property name="skills">

<list>

<ref bean="skillAngular"/>

</list>

</property>

</bean>

<bean id="emp4" class="com.example.model.Employee">

<property name="id" value="4"/>

<property name="name" value="Diana"/>

<property name="department" ref="deptHR"/>

<property name="skills">

<list>

<ref bean="skillJava"/>

<ref bean="skillAngular"/>

</list>

</property>

</bean>

<bean id="employeeList" class="java.util.ArrayList">

<constructor-arg>

<list>

<ref bean="emp1"/>

<ref bean="emp2"/>

<ref bean="emp3"/>

<ref bean="emp4"/>

</list>

</constructor-arg>

</bean>

</beans>

**Department.java:**

**package** com.example.model;

**public** **class** Department {

**private** **int** id;

**private** String name;

// Getters and Setters

**public** **int** getId() {

**return** id;

}

**public** **void** setId(**int** id) {

**this**.id = id;

}

**public** String getName() {

**return** name; // <-- Required for e.getDepartment().getName()

}

**public** **void** setName(String name) {

**this**.name = name;

}

}

**Employee.java:**

**package** com.example.model;

**import** java.util.List;

**public** **class** Employee {

**private** **int** id;

**private** String name;

**private** Department department;

**private** List<Skill> skills;

**public** **int** getId() {

**return** id;

}

**public** **void** setId(**int** id) {

**this**.id = id;

}

**public** String getName() {

**return** name; // <-- Required for e.getName()

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** Department getDepartment() {

**return** department;

}

**public** **void** setDepartment(Department department) {

**this**.department = department;

}

**public** List<Skill> getSkills() {

**return** skills;

}

**public** **void** setSkills(List<Skill> skills) {

**this**.skills = skills;

}

}

**Skill.java:**

**package** com.example.model;

**public** **class** Skill {

**private** **int** id;

**private** String name;

// Getter for id

**public** **int** getId() {

**return** id;

}

**public** **void** setId(**int** id) {

**this**.id = id;

}

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

}

**EmployeeDao.java:**

**package** com.example.dao;

**import** org.springframework.context.ApplicationContext;

**import** org.springframework.context.support.ClassPathXmlApplicationContext;

**import** com.example.model.Employee;

**import** java.util.ArrayList;

**import** java.util.List;

**public** **class** EmployeeDao {

**public** **static** List<Employee> *EMPLOYEE\_LIST*;

**public** EmployeeDao() {

ApplicationContext context = **new** ClassPathXmlApplicationContext("employee.xml");

*EMPLOYEE\_LIST* = (ArrayList<Employee>) context.getBean("employeeList");

}

**public** List<Employee> getAllEmployees() {

**return** *EMPLOYEE\_LIST*;

}

}

**Main.java:**

**package** com.example;

**import** com.example.dao.EmployeeDao;

**import** com.example.model.Employee;

**public** **class** Main {

**public** **static** **void** main(String[] args) {

EmployeeDao dao = **new** EmployeeDao();

**for** (Employee e : dao.getAllEmployees()) {

System.***out***.println("Name: " + e.getName() + ", Department: " + e.getDepartment().getName());

}

}

}

**OUTPUT:**

