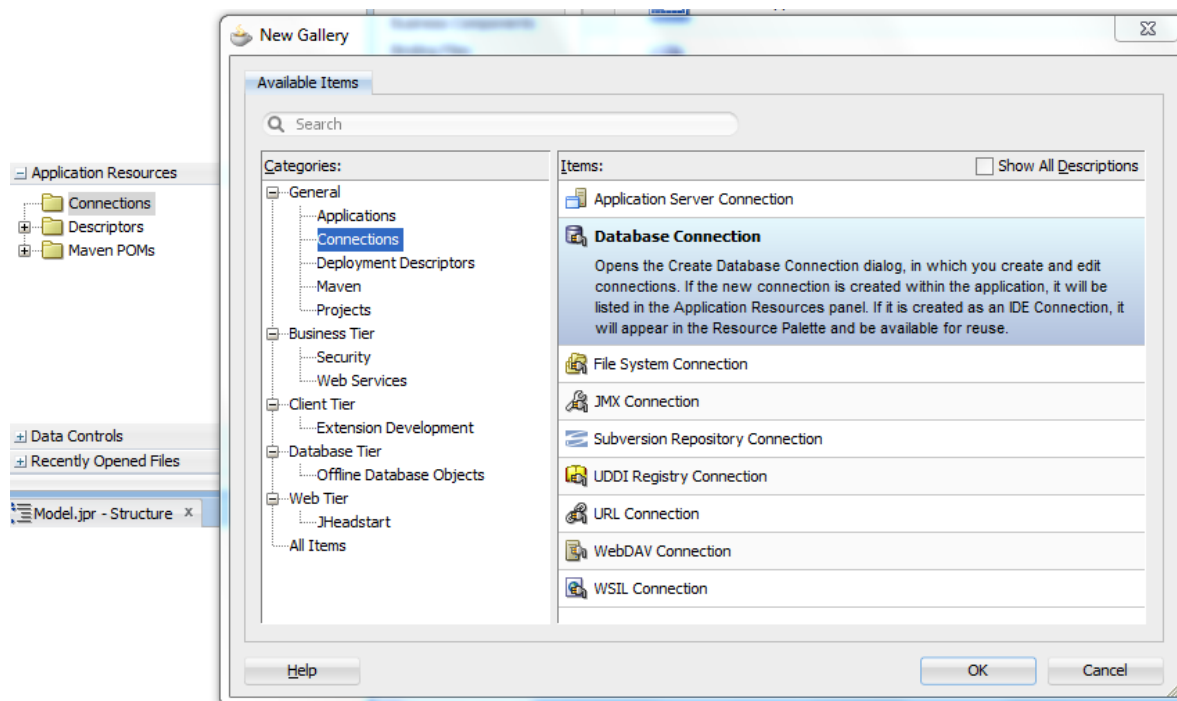


Lab 1 – Crear la capa Business Service

Objetivos del taller:

- Crear el Business services basado en el esquema HR, que será empleado en los talleres posteriores.

Paso 1: Cree una conexión al esquema HR de la base de datos. Asigne el nombre hr_local.



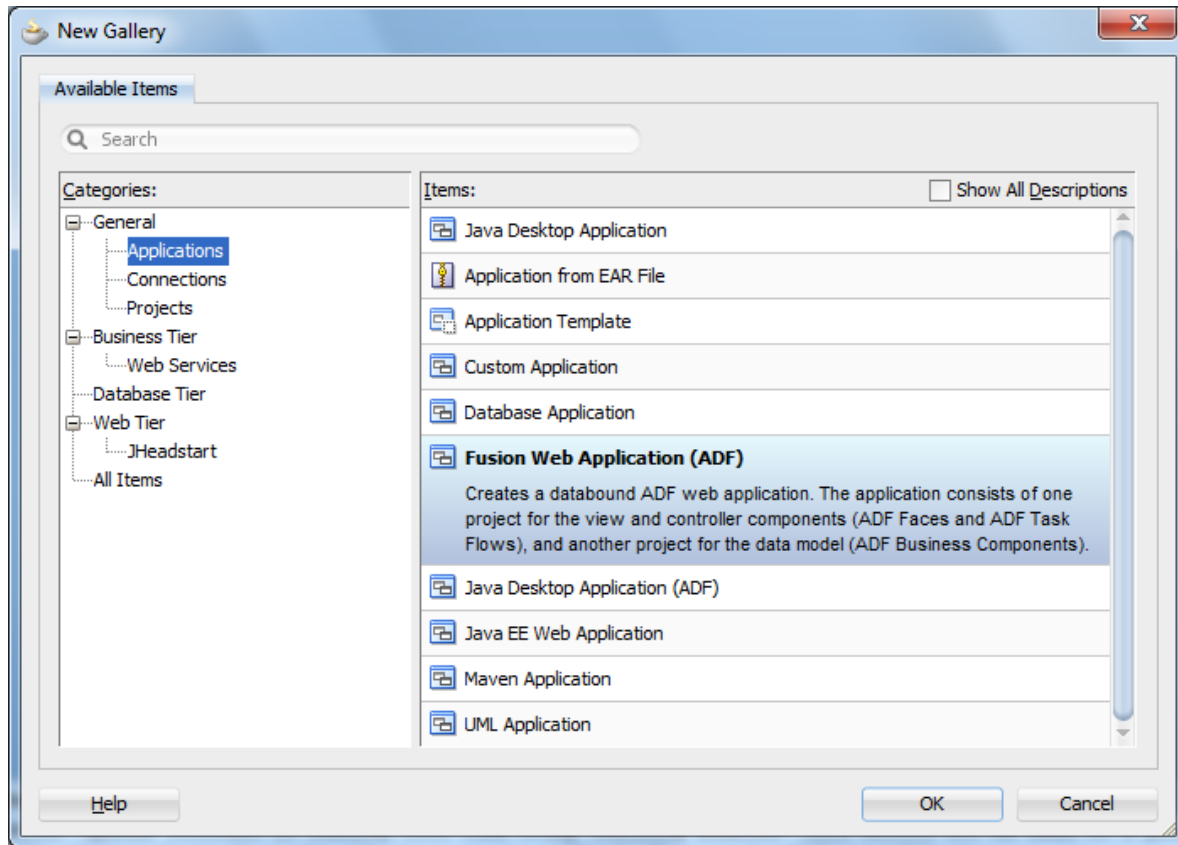
Paso 2: Cree una Application con las siguientes características:

Application Name: HR_Wizards

Directory Name: c:\adf\talleres\HR_Wizards

Application Package Prefix: asw

Application Template: Fusion Web Application [ADF BC, ADF Faces]



Create Fusion Web Application (ADF) - Step 1 of 5

Name your application

Application Name:

Directory: [Browse...](#)

Application Package Prefix:

Help < Back Next > Finish Cancel

Create Fusion Web Application (ADF) - Step 2 of 5

Name your project

Project Name:

Directory: [Browse...](#)

Project Features:

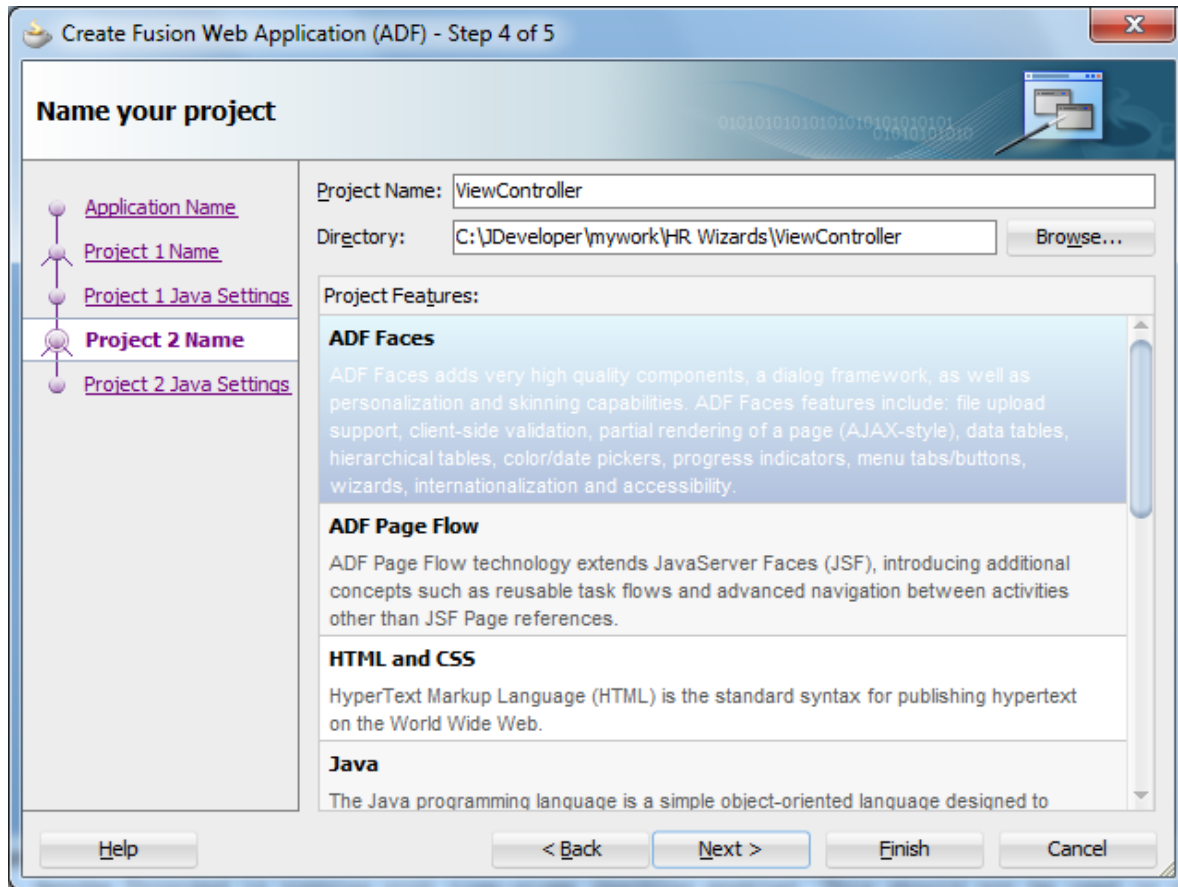
ADF Business Components

ADF Business Components is the business services API provided by the Oracle Application Development Framework (Oracle ADF). ADF Business Components governs interaction between the rest of the application and the data stored in the datasource, providing validation, specific services, and other business logic.

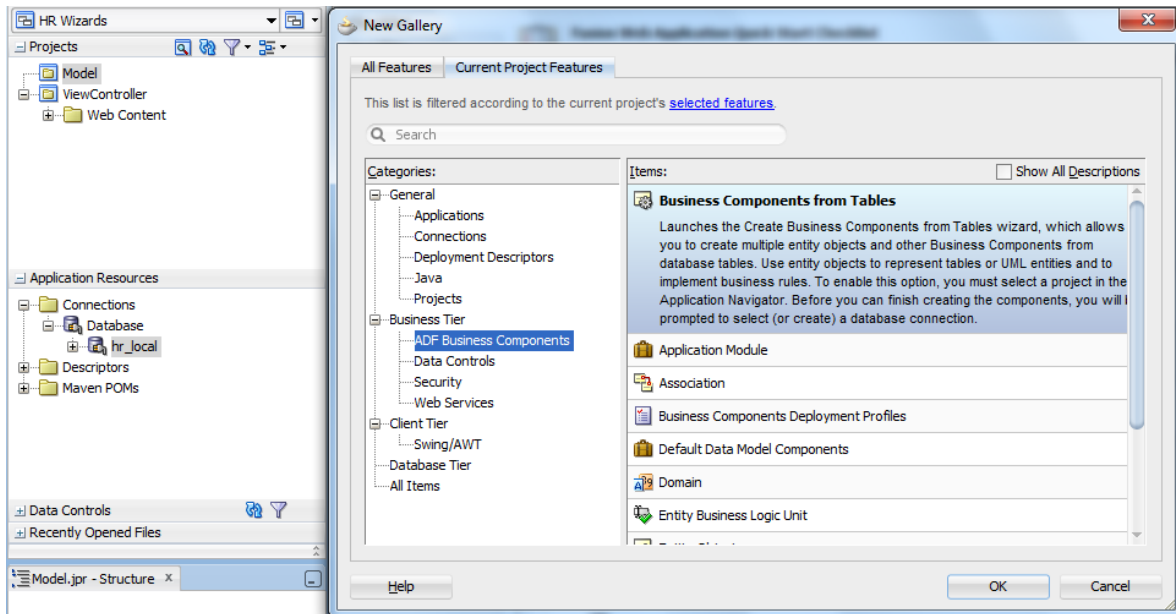
Java

The Java programming language is a simple object-oriented language designed to meet the challenges of application development in the context of heterogeneous, network-wide distributed environments.

Help < Back Next > Finish Cancel



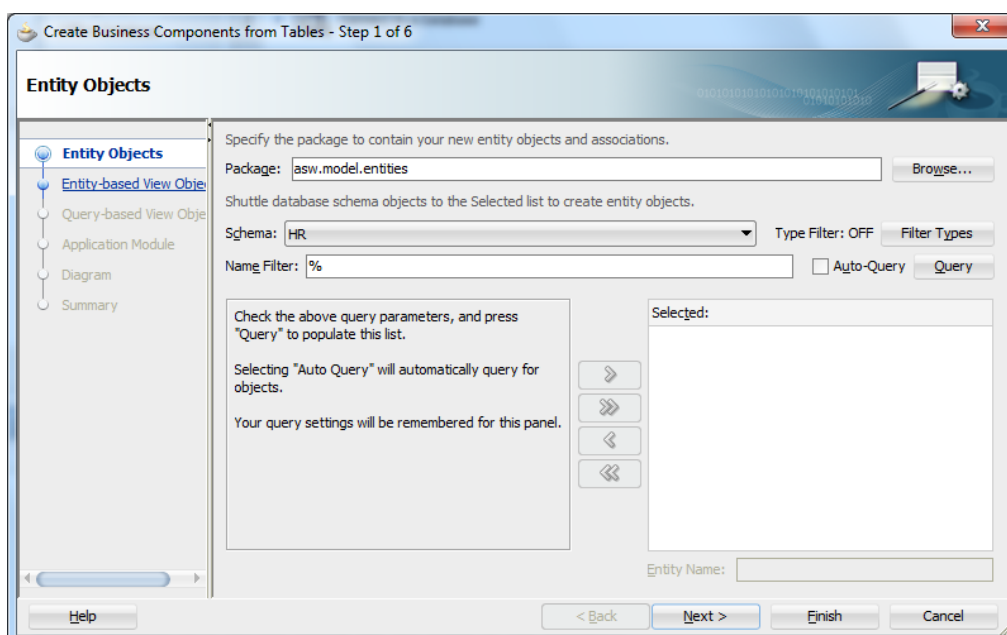
Paso 3: Dentro de application HR_Wizard seleccione el proyecto Model. Del menú de contexto (clic derecho) seleccione la opción New y cree un “Business Components from Tables”.



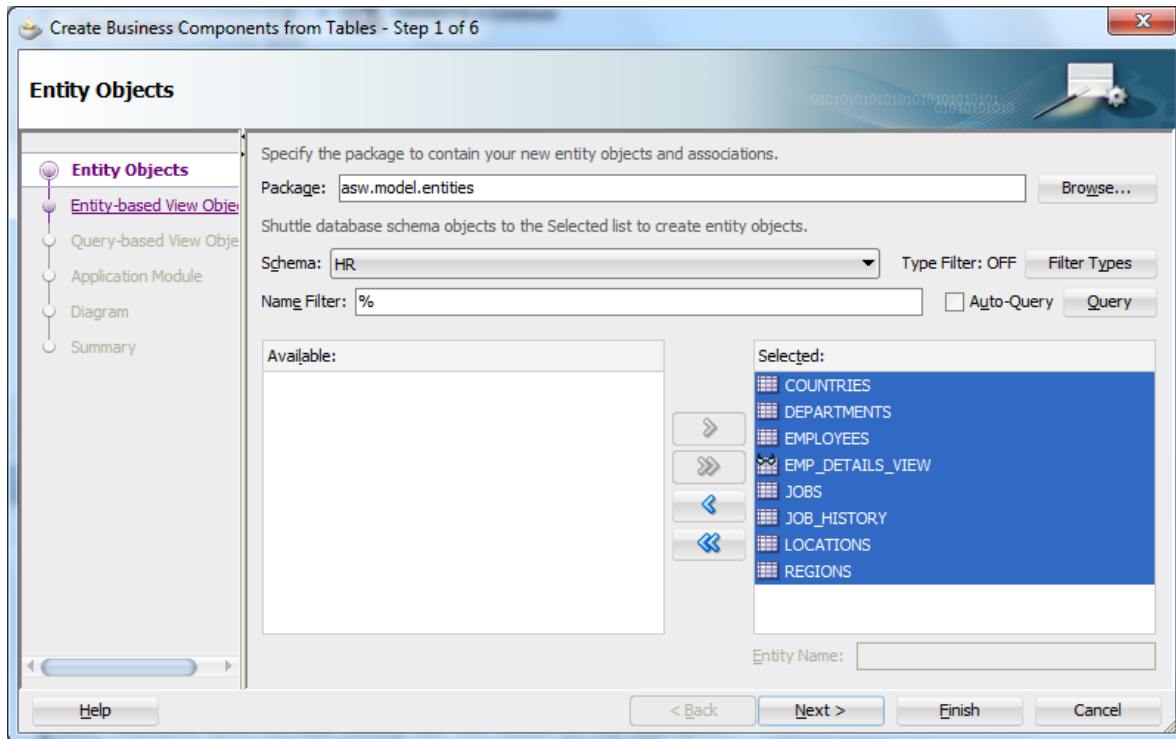
Paso 4: Siga el wizard paso a paso.

i. Step 1 of 5: Entity Objects

Package	asw.model.entities
Object types	Tables.

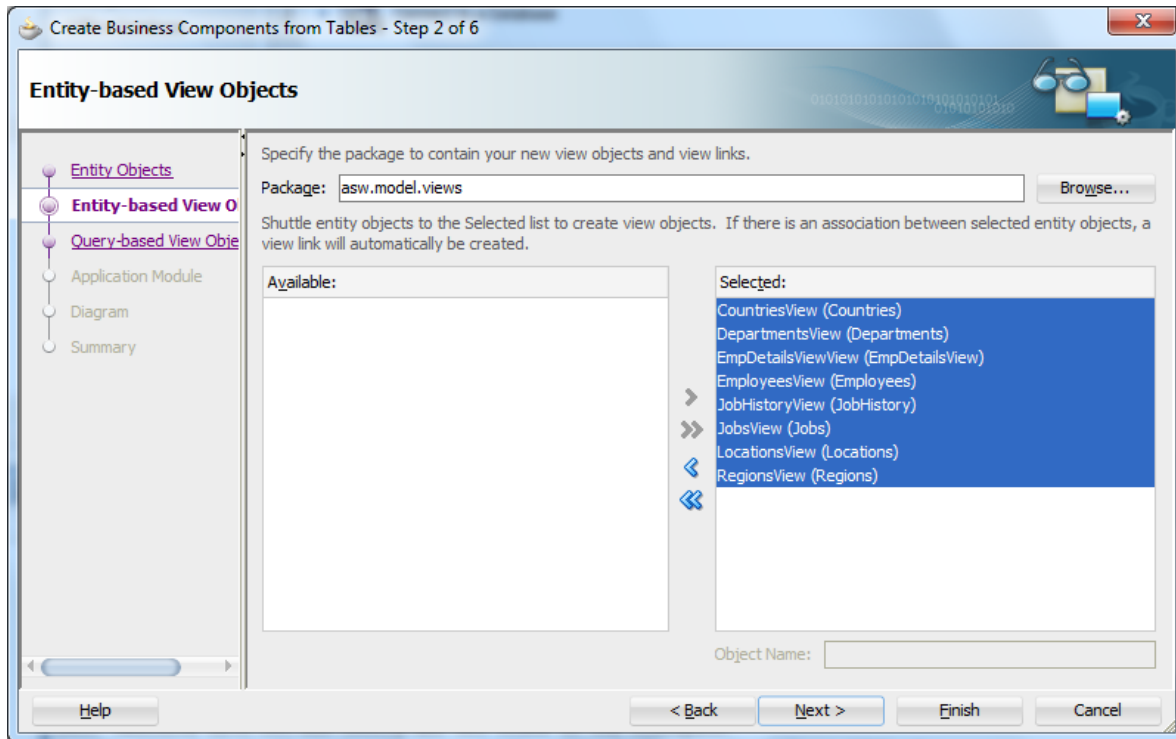


Oprima el botón Query y seleccione todas las tablas disponibles.



ii. Step 2 of 5: Updatable Views

Package	asw.model.views
Selected	Seleccione todos los entity.



iii. Step 3 of 5: Read-Only View objects

Pasar con las opciones por omisión.

iy. Step 4 of 5: Application Module

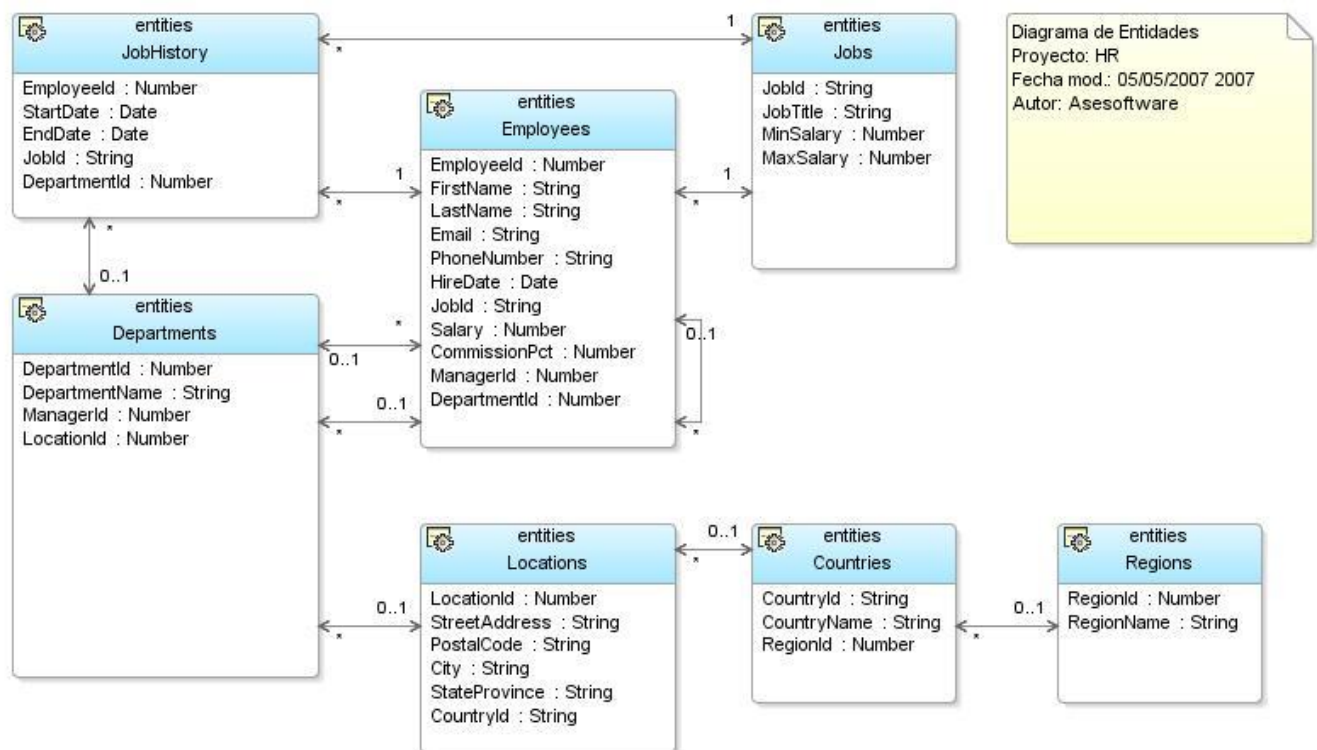
Package	asw.model.services
Name	HRServices

v. Step 5 of 5: Diagram

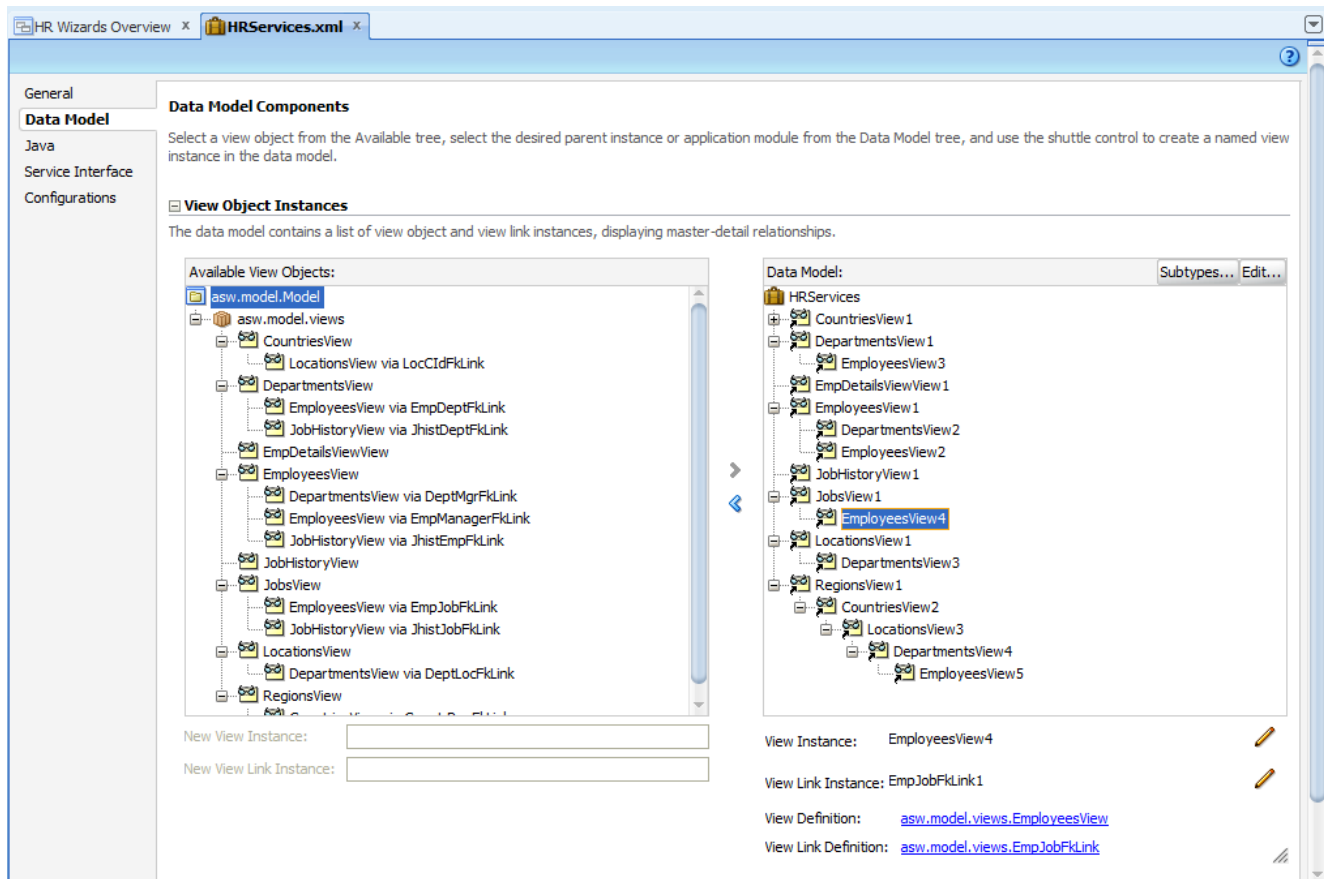
Business component diagram	Seleccionado
Package	asw.model.services
Name	Business Components Diagram

v. Terminar

Paso 5: Observe y analice el diagrama de componentes y los fuentes generados.



Paso 6: Modificar el Application Module HRServices, eliminando las instancias del viewObject JobHistory y creando una jerarquía maestro-detalle de cinco niveles.



Si únicamente se cuenta con la versión Demo de JHeadstart, es necesario dejar maximo los siguientes ViewObjects

HR Wizards Overview x HRServices.xml x

General

Data Model

Java

Service Interface

Configurations

Data Model Components

Select a view object from the Available tree, select the desired parent instance or application module from the Data Model tree, and use the shuttle control to create a named view instance in the data model.

View Object Instances

The data model contains a list of view object and view link instances, displaying master-detail relationships.

Available View Objects:

- asw.model.Model
 - asw.model.views
 - CountriesView
 - LocationsView via LocCIdFkLink
 - DepartmentsView
 - EmployeesView via EmpDeptFkLink
 - JobHistoryView via JhistDeptFkLink
 - EmpDetailsViewView
 - EmployeesView
 - DepartmentsView via DeptMgrFkLink
 - EmployeesView via EmpManagerFkLink
 - JobHistoryView via JhistEmpFkLink
 - JobHistoryView
 - JobsView
 - EmployeesView via EmpJobFkLink
 - JobHistoryView via JhistJobFkLink
 - LocationsView
 - DepartmentsView via DeptLocFkLink
 - RegionsView

New View Instance:

New View Link Instance:

Data Model: Subtypes... Edit...

- HRServices
 - CountriesView 1
 - LocationsView 2
 - DepartmentsView 1
 - EmployeesView 3
 - EmployeesView 1
 - DepartmentsView 2
 - EmployeesView 2
 - JobHistoryView 1
 - JobsView 1
 - EmployeesView 4

View Instance: EmployeesView 4

View Link Instance: EmpJobFkLink 1

View Definition: [asw.model.views.EmployeesView](#)

View Link Definition: [asw.model.views.EmpJobFkLink](#)

Overview Diagram Source History