SAP BusinessObjects

Supplement for Siebel

- SAP BusinessObjects Data Services 4.1 Support Package 1 (14.1.1.0)

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SAP

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Overview of the SAP BusinessObjectsData ServicesSiebel interface

The Data Services Siebel interface allows you to create Siebel datastores and import tables for use as sources in Data Services jobs. With this interface, you can use the Designer to:

- Browse and import Siebel tables grouped by type, business component, and Siebel repository
- Browse to tables in a Siebel repository using the following path through higher level data: **applications > screens > views > business objects > business components > tables**.
- Import function metadata

Related Topics

- Browsing and importing metadata

System requirements

The Siebel interface allows you to connect SAP BusinessObjectsData Services with a third-party database under the Siebel application layer. You can import tables (including table and column descriptions) and function metadata. Data Services also displays information from both the logical business objects and user interface layers of Siebel applications. This makes it easier to find and import tables.

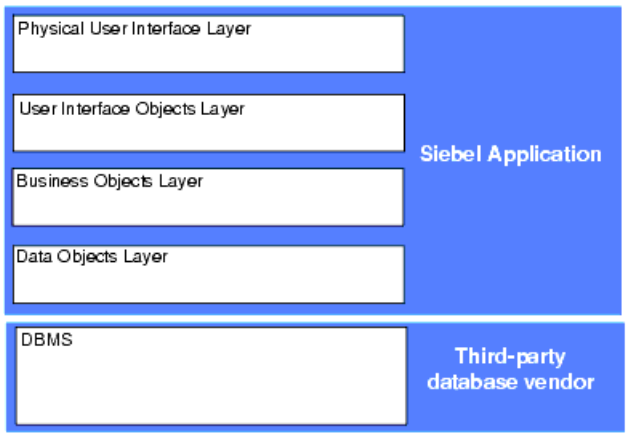

Figure 2-1: Siebel Architecture

Install the drivers you need to connect your database with Data Services on the same computers on which you install the Designer and Job Server components.

The Siebel interface supports Siebel version 7.5.2 and higher compatible versions. It can be installed using the Data Services installer.

2.1 Security

Because SAP BusinessObjects Data Services connects to Siebel applications through a database connection, Data Services can see all Siebel application objects that a database user can access without requiring the application's user login security information.

Datastores

SAP BusinessObjectsData Services uses datastore connections to link with other applications or databases.

- In a design environment, use a datastore to browse or import metadata that represents external tables and other database objects.
- In a production environment, Data Services uses datastore information to move data between source and target databases and applications.

After defining a Siebel datastore in Data Services, you can browse tables by type, or drill down on business components or Siebel repositories to find the tables you want to import. You can also import tables, functions, and business components by name.

3.1 Defining a Siebel datastore

With a Siebel datastore connection, you can browse Siebel application metadata.

3.1.1 To define a Siebel datastore

1. In the object library of the Designer, go to the **Datastores** tab
2. Right-click inside the object library window and select **New**.
3. In the "Datastore Editor" window, enter a name for this datastore (`DS_SiebelApps`, for example).
4. In the **Datastore type** list, select **Siebel**.
5. Enter the connection information.
6. Click **OK**.

   The Siebel datastore appears in the object library.

3.2 Browsing and importing metadata

After you create a Siebel datastore, you can browse and import the metadata from the connected application.

Note:
While you cannot browse functions, you can import them by name.

3.2.1 To browse and import metadata

1. Right-click the Siebel datastore name and select **Open**, or double-click the datastore name.

   The workspace displays a list of folders.

2. To find the tables you want to import, expand the Table by type, Business Component, or Repository folder. See the remainder of this section for a description of these folders.
3. To import table data, right-click one or more tables or business components and select **Import**.

   Note:
   When you import a table into SAP BusinessObjects Data Services via the Siebel interface, the software does not preserve the source folder (table hierarchy). All tables display at the same level. For example, import all the tables in a Business Component, then add select statements, joins, and mappings using the Designer to create the same associations used in your Siebel application.

You can also import Siebel metadata by right-clicking a Siebel datastore in the object library and selecting **Import by name**.

Once tables are imported, you can view column names, data types, and business names for use in creating jobs.

3.2.2 Table - by type

Siebel applications use many table types. You can browse tables by looking at tables grouped by type.

3.2.2.1 Business component

Business components are sets of tables used to create a logical Siebel application object called a business object. Business components are grouped in alphabetical folders.

You can select and import one or more business components or tables.

3.2.2.2 Repository

Siebel repositories hold a variety of Siebel application objects. You can drill through them to find the tables you want to import.

These associations apply:

- **Seibel Repository:** Repository
- **Seibel Dynamic Commerce:** Application
- **Auctions:** Screen
- **Auction Items:** View
- **Auction Services:** Business Object
- **Auction Item Detail:** Business Component

3.3 Extracting data from Siebel applications

When extracting data from Siebel applications, SAP BusinessObjectsData Services processes and converts data types appropriately.

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