# Lab 6: Accessing a Business Data Catalog

#### Objectives

After completing this lab, you will be able to:

* Expose data/content from a Business Data Catalog source onto the Portal

#### Prerequisites

Before working on this lab, you must have:

* Labs 1, 2, and 5 must be completed

#### Scenario

In this lab, you will connect to the AdventureWorksDW SQL2005 database and expose some of its data onto a team site via the Business Data Catalog.

##### Estimated time to complete this lab: 45 minutes

### Exercise 1 Create a Reseller Explorer application

In this exercise, you’ll use the Business Data Web Parts to create an AdventureWorksDW Reseller Explorer application with no code. The application will allow you to view all resellers information made available by the Business Data Catalog created in lab 5. By clicking on a reseller name, you’ll be able to view more details on the reseller profile page.

* Create the SharePoint site where you will build the Reseller Explorer

1. Launch you browser and point it to <http://hol.litwareinc.com> to return to the portal site – (http://hol.litwareinc.com should be the default home page.)
2. Click on **Sites** in the top navigation bar.
3. Click **Create Site** in the **Site Actions** menu at the top right
4. In the Title field, type “**Reseller Explorer**”
5. In the URL name field, type “**resellerexplorer**”
6. In the Template Selection section at the bottom, select **Team Site** in the Collaboration tab.
7. Click **Create**
8. Click **Edit Page** in the **Site Actions** menu
9. Click **Add a Web Part** in the **Left** zone.
10. The Add Web Parts – Web Page dialog is displayed Check the **BusinessDataList** Web Part and click **Add**
11. A Business Data List Web Part has been added to the top of the Left zone. Click **Open the tool pane** link inside the Business Data List Web Part.
12. You might be prompted to click OK to navigate away from the current page. If so, click OK. Else, proceed to the next step.
13. In the Tool pane and in the type section, type **Reseller** and click **Check Type**. The Reseller (AdventureWorksDSSQL2005) type should now be displayed.
14. Click **Apply** at the bottom of the Tool pane. (a large page should now be available)
15. Click **Ok** in the Reseller List Tool pane
16. Click “**Exit Edit Mode”** located at the top far right hand side of the page.
17. In the first drop down list of the Web part, select **Name**
18. In the select drop down, select **contains**
19. In the last field enter “**bike**” and press **Retrieve Data** arrow just below the first drop down list.
20. You have now created a Business Data List Web Part that displays Resellers information and data from the AdventureWorksDW database.

### Exercise 2 Create a SharePoint list to track reseller feedback

Microsoft Windows SharePoint Services V3 allows you to create custom field types. Microsoft Office SharePoint Server 2007 uses this feature to provide a new field type called Business Data available to all lists in SharePoint Server 2007. The Business Data field type enables users to add data from business applications registered in the Business Data Catalog to lists.

* This topic shows how you can add a Product column to a SharePoint list.

1. In the Reseller Explorer site, click **Create** from the **Site Actions** menu. The **Create Page** appears.
2. Click **Custom List** in the **Custom Lists** section. The **New** page appears.
3. Type **Reseller Feedback** in the **Name** field.
4. Click **Create**
5. Click **Settings** on the list toolbar (below **Reseller Feedback**) and select **Create Column**. The **Create Column: Reseller Feedback** page appears.
6. Type **Reseller** in the **Column name** field.
7. Select **Business data** bullet under the “**The type of information in this column is”**. Once selected, you will notice that the **Additional Column Settings** section will change to accommodate the Business Data Catalog settings.
8. Click on the **Browse** button located at the end of the Type field.
9. Select **Reseller**
10. In the “**Add a column to show each of these additional fields:”** section, check **Number**.
11. Keep the “**Add to default view**” check box checked
12. Click **OK**. The customize **Reseller Feedback** page appears. Notice both new columns: the **Reseller** and the **Reseller: Number** columns
13. Click **New** on the list toolbar and select **New Item** to add a new item to the list. The **New Item** page appears.
14. Type **Love the white snow of Whistler Mountains** in the **Title** field.
15. Click the **browse** button at the end of the Reseller field
16. Locate and select the **Volume Bike Sellers** reseller by performing a “**Name**” search on “**bike**” in the Choose Reseller Dialog page.
17. You should be back to the “**Reseller Feedback: New Item**” page
18. Click **OK**. The reseller name and number have been added to the list.
19. To get more information about this reseller from this list, click the down arrow beside the “Volume Bike Sellers” and select “View Profile” under the Reseller column. Once on that new page click the back button to return.

Exercise Completed