



QDABRA DATABASE ACCELERATOR

How to create SharePoint mapping for a solution that contains code

With DBXL v2.3 and v2.4 you can integrate your solution with SharePoint. In this document, we will present a step-by-step walkthrough to create SharePoint mapping for an InfoPath form template that contains code.

1. Create and design a new form with custom code. For the purposes of this tutorial, we are providing a sample form.
2. Declare Document Type Name in XML
 - a. Create an xml file with one node, which declares the name of the Document Type (appendChild) that you will be using. Its contents may look like this:

```
<declaration>
  <doctype name>appendChild</doctype name>
</declaration>
```
 - b. Save this xml document to your local drive.
 - c. Open the form template in design mode in InfoPath.
 - d. Select **Tools > Data Connections**, and click **Add**.
 - e. Select **Create a new connection** to and select **Receive data**. Click **Next**.
 - f. Select **XML document** and click **Next**.
 - g. Click **Browse** and select the xml file that you created in step 2a.
 - h. Click **Next** twice and then click **Finish**. If you receive a warning, click **Ignore**.
3. Create a Submit data connection
 - a. Select **Tools > Data Connections** and click **Add**.
 - b. Select **Create a new connection** to and select **Submit data**. Click **Next**.
 - c. Select **To a Web service** and click **Next**.
 - d. Enter the URL to the DBXLDocumentService, usually `http://<servername>/QdabraWebService/DBXLDocumentService.asmx`, and click **Next**.
 - e. Select **SubmitDocument** from the list of operations and click **Next**.
 - f. Double click the tns:docTypeName parameter and select the secondary xml connection created in Step 2 from the data source dropdown.
 - g. Expand the tree to display the node, select the doctype name node, check the checkbox for **Submit data as string** and click **OK**.
 - h. Select the tns:xml parameter, select the **Entire form** toggle, and check the checkbox for **Submit data as string**.
 - i. Click **Next**, and then click **Finish**. If you receive a warning, click **Ignore**. Then **Close** the Data Connections dialog.
4. Configure a Submit button
 - a. Add a button and double click on it to open the **Button Properties**.
 - b. Change the **Action** dropdown to **Submit** and click on **Submit Options**.
 - c. Check the checkbox for **Allow users to submit this form** and select **Web Service** from the **Send form data to a single destination** dropdown.



- d. Make sure that the Web Service submit data connection created in step 3 is selected in the **Choose a data connection for submit** dropdown.
 - e. Click **OK** twice to close the dialogs.
 - f. Select **File > Save** to save the form to your local drive.
5. Publish the form to SharePoint
 - a. In InfoPath, select **File > Publish**. If you receive a warning, click **Ignore**.
 - b. Select the toggle for **To a SharePoint server with or without InfoPath Forms Services** and click **Next**.
 - c. Enter the URL for the SharePoint server. The SharePoint server must be in the same machine where DBXL is installed. Click **Next**.
 - d. Select **Document Library** and click **Next**.
 - e. Select **Create a new document library** and click **Next**.
 - f. Enter the name of the document library and click **Next**.
 - g. In the next window, you may add the fields that you want to display in the SharePoint library. Click the **Add** button and select the field(s) as desired. Click **Next**.
 - h. Click **Publish**, and then click **Close**.
6. Create the new Document Type in DBXL
 - a. In DAT, click on **New Configuration**.
 - b. Enter the **Document Type Name**, making sure that it matches the same name that was hardcoded into the form in step 2.
 - c. Click on the file attachment control in the **InfoPath Form Template** section.
 - d. In the **File Name** field of the **Attach File** window, enter the URL for the form template that was approved and used in the SharePoint library, *http://<servername>/<SharePointLibraryName>/Forms/template.xsn*, and click **Insert**.
 - e. Click on the **SharePoint** tab.
 - f. Click on **Insert Mapping**.
 - g. Enter SharePoint library URL.
 - h. Select **Object Model**.
 - i. Click **Save**, and then **OK** in the confirmation dialog.
7. Test the solution
 - a. In Internet Explorer, open the SharePoint library.
 - b. Click on **New**. Fill out the form and click **Submit**.
 - c. Open, edit and re-submit the document by clicking on the item in the SharePoint library.