



Product: Database Accelerator (DBXL) v2.4

Title: Transform and migrate xml documents

Starting with version 2.4, Qdabra's Migration Tool provides the ability to migrate all of the documents in one document type to a newer document type, and convert those documents from one XML structure to another in the process.

With this feature, you can create a new version of your form with a different schema, and then upgrade all of your old forms to this new schema with relatively little time and effort.

Below you will find an outline of this document's contents.

How to perform a transform and migrate operation	2
An example	3
Support	4



HOW TO PERFORM A TRANSFORM AND MIGRATE OPERATION

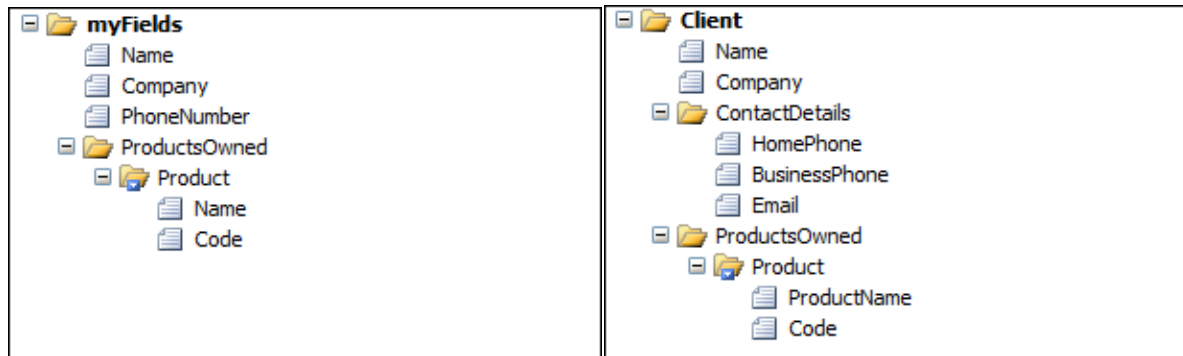
Follow these steps to transform and migrate your documents to a new document type.

1. Create an XSL transform to convert your forms.
 - The Transform and Migrate operation requires a custom-made XSL transform that will convert your old forms to the new schema.
 - This transform should take XML of the old schema as input and should produce XML that is consistent with the schema of the new form template, maintaining any data that should remain in the new document type.
2. (Recommended) To reduce undue trial and error, it is suggested that before you perform the actual migration, you verify that your XSL successfully converts your forms from the old format to the new format and that all of the data is maintained. The following sub-steps are not strictly necessary, but are strongly recommended.
 - Apply the XSL transform to one or more of your XML forms on your local disk
 - Visual Studio and many other tools have the ability to apply an XSL transform to an XML file and produce the XML output.
 - http://www.stylusstudio.com/xslt_editor.html is one such tool.
 - Verify that the transformed XML opens in your new InfoPath template.
 - To do this, you can right-click the new XML file in Internet Explorer and select **Open with... > InfoPath**. When prompted, give InfoPath the address of the new XSN, either on your local hard disk or DBXL.
 - Make sure that the file opens without errors, and that all of the data is displayed as expected.
3. If you haven't already done so, create a document type in DBXL using the new XSN.
4. Open the Migration Tool
5. Enter the URL of your DBXL instance in the DBXL Server Root box and click **Connect**
6. Select the **Other Operations** tab and select the **Transform and Migrate** radio button.
7. Select **(No Domain)** from the domain dropdown box, the old document type in the **Configuration** dropdown box, and the new document type in the **Target Configuration** dropdown box.
8. Use the **Browse...** button to navigate to the XSL file created in step 1.
9. Click the **Run** button. The migration will begin and will report success if it ends successfully.



AN EXAMPLE

This tutorial provides an example of two InfoPath form templates that have similar but different schemas, along with an XSL file for converting the XML from one template into the other. The XSL file is liberally commented to explain how it works, so we will just take a quick look at the difference between the two schemas to illustrate a few examples of the kinds of changes that can be applied using this feature:



1. The main namespaces for the two forms are different (this cannot be seen in the above screenshots).
2. The root node has been renamed from *myFields* to *Client*.
3. A new group, *ContactDetails*, has been added, with new *HomePhone* and *Email* fields.
4. The *PhoneNumber* field has been renamed to *BusinessPhone*, and moved inside the *ContactDetails* group.
5. The *Name* field inside the *Product* repeating group has been renamed to *ProductName*.

The *ClientFormUpgrade.xsl* file included in this tutorial is designed to carry out the above five changes to forms created with the older schema. You can test this out by creating new document types with the *ClientForm.xsn* and *ClientFormNew.xsn* templates, submitting some forms to the *ClientForm* document type, and then using the *ClientFormUpgrade.xsl* file to run the Transform and Migrate operation between these two document types.



SUPPORT

If you have questions about the information in this document, please contact us for assistance.

Licensed customers can contact us via Support@Qdabra.com. Alternatively, please use the InfoPathDev.com [Qdabra Product support forums](#) to request help.



<http://www.qdabra.com>

Last updated on 6/25/2010 4:01 PM

Copyright © 2006-2010 Autonomy Systems, LLC. All rights reserved.