



Save Image Files using DBXL PDF Mapping

This document shows how to extract image files from forms submitted to DBXL, and save it onto One Drive or share folder. After extraction, we may replace the images with hyperlinks.

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INTRODUCTION

This tutorial includes two sample XSN form templates:

- QdImage_PdfMapping.xsn

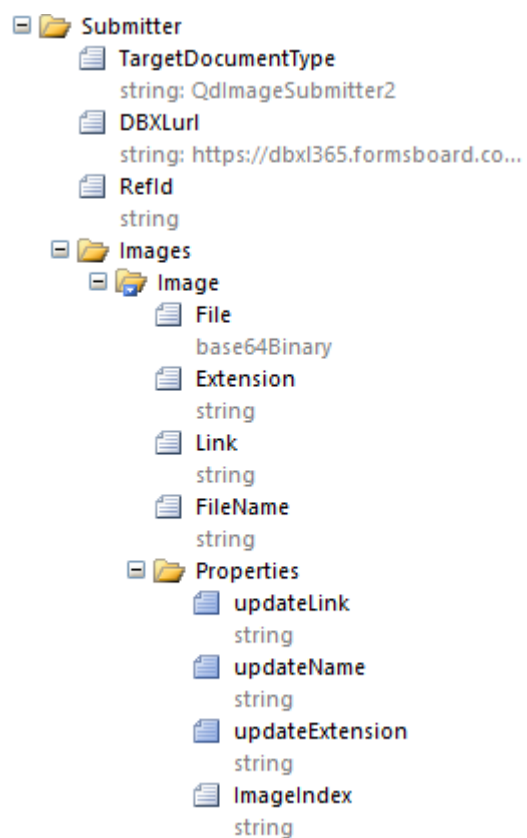
Requirements

- Qdabra DBXL is installed
- Qdabra DBXL admin account and password
- InfoPath
- OneDrive or a share that DBXL and users can access

Sample forms

This tutorial uses the sample forms included in the package you have downloaded. If you wish to add this functionality to your own forms, simply add the following fields to your forms main data source (note: data type matters):

For Images:



<http://www.qdabra.com>

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Preparation

1. Open the template in InfoPath Designer (right click in Windows explorer and choose Design).
2. Update the Data Connections
 1. Go to **Data** tab, and click Data Connection
 2. Select **DbxISubmit**, and then Modify
 3. Set the URL for DBXL Services to your DBXL instance, for example:
`https://<YourServer>/qdabrawebservice/dbxldocumentservice.asmx`
 4. Click Next several times, and Close



SAVE IMAGE ATTACHMENTS AS FILES

Add the form as a document type

1. Open the DBXL Administration Tool (DAT) by going to <http://<your-server-name>/QdabraWebService/default.htm> and clicking on the first link **DBXL Administration** on the page.
2. Click **New Configuration**.
3. Provide a name, such as "QdImageSubmitter2".
 - If you use your DocType name other than "QdImageSubmitter2", please change the value of /my:Submitter/my:TargetDocumentType in the InfoPath form accordingly using InfoPath designer, then save it.
4. Attach the form template

The screenshot shows the 'Document Type Details' and 'InfoPath Form Template' sections of the DBXL Administration Tool (DAT).

Document Type Details:

- Name:** QdImageSubmitter2
- Description:** (Empty text box)
- Solution Group:** (Dropdown menu)
- Delete This DocType** (Link)

InfoPath Form Template:

- XSN File:**
 - Download** (Link)
 - Upload New** (Link)
 - Form Version: 1.0.0.39
 - Last Modified: 8/11/2016 11:39:27
 - Last Modified By: DBXL3-365\dbxladmin
- Form Template Properties:**
 - URL:** https://dbxl365.formsboard.com/QdabraWebService/Forms/ID/
 - ☐ Form template is signed
 - ☐ URN-based solution
 - ☒ Enable Document History

Ref. ID:

Format for Ref. ID:	Base Reference #:	XPath to Inject Ref. ID Into (Leave Blank to Disable):
{0}	5	/my:Submitter/my:RefId

5. In Ref ID section, set following fields:
 - Format for Red. ID: **{0}**
 - Xpath to inject Red.ID: **/my:Submitter/my:RefId**
6. Click **Save**, and then click **OK** in the confirmation dialog.

Create PDF mapping

1. Click PDF Mapping tab.
2. Click 'New' button.
3. Specify Mapping Name

The screenshot shows the 'Mapping Basic info' section of the DBXL Administration Tool (DAT).

Mapping Basic info

Mapping Source DocType: QdImageSubmitter2

Type: PDF

View: (Dropdown menu)

Mapping Name (recommended): Image Extraction

Buttons: Save, Save As, Back to Select Mapping



4. In the Rendering section, check both checkboxes for 1st and 2nd row.

Rendering Process		
Rendering is initiated when:	What Action take on the rendered PDF:	PDF Naming:
☒ When a new document is submitted	☒ Save as QdFile and send Email with link	Naming Expression:
☒ When an existing is modified	☒ Send Email with Attachment	Archival location:
Additional Condition: 		☐ XPath Expression

5. Set email title.

Rendering Contents	
Email Subject:	Body:
☒ Static Text ☐ XPath Expression image attachment test	☒ View ☐ HTML ☐ XPath Expression

6. Set fields for Attachment

Attachment:			
XPath of attachment:	Email:	Archive Location (optional):	File Name (for non-file attachment):
/my:Submitter/my:Images/my:Image/my:File	☒	concat('C:\Dbx\Admin\OneDrive - C	

Add attachment

- Xpath of Attachment: **/my:Submitter/my:Images/my:Image/my:File**
- Check Email checkbox
- Archive Location: **concat('C:\Dbx\Admin\OneDrive - Qdabra Software\Test_ImageFolder\',/my:Submitter/my:RefId)**

Please adjust the urn, depends on the location you are going to save files.

7. Set From Address and To Address.

Email Address			
	Type:	Email Address: (Xpath for Dynamic):	Display Name (Optional, Xpath for Dynamic):
From Address	static		
To Address	static		

Add To Email Address

8. Click Save

Test the form

1. Go to **Documents** tab
2. Click **New Doc** to open a blank form.

Actions on Documents	
Select documents for Reshred and Delete. If rethreading more than 100 documents, please use the DBXL Migration Tool.	Reshred Delete Reshred All Delete All Refresh <input checked="" type="button" value="New Doc"/>

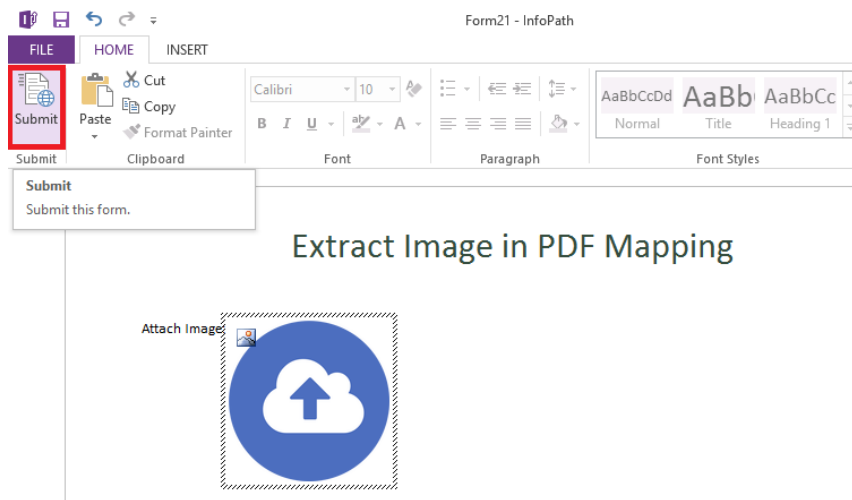
3. Click **Open** when prompted.
4. Attach a picture and click Submit.



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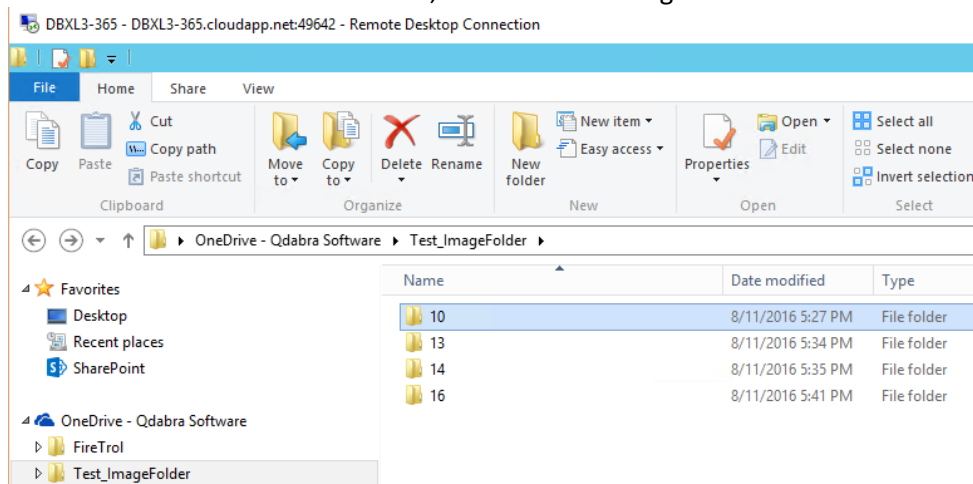
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5. Form should be submitted successfully.
6. Click Refresh, and confirm that new doc appears under Document section.

Actions on Documents							
Select documents for Reshred and Delete. If rethreading more than 100 documents, please use the DBXL Migration Tool.				Reshred	Delete	Refresh	New Doc
				Reshred All	Delete All		
Documents							
Doc. ID	Ref. ID	Version #	Name	Author	Description	Open	History
22546	9	1				Open	History
22548	10	1				Open	History

7. Go to the one drive or share you specified.
8. Then new folder created with RefId, and extracted images files under the folder



► OneDrive - Qdabra Software ► Test_ImageFolder ► 10

Name	Date modified	Type	Size
 image1.png	8/11/2016 5:27 PM	PNG image	1 KB
 image2.jpg	8/11/2016 5:27 PM	JPEG image	2 KB

9. Go back to DAT doc type, document tab. Open the submitted form.
10. Check the url/urn.
11. If the url/urn format is different from you expect, adjust default value of /my:Submitter/my:Images/my:Image/my:Link
 - Open the template with InfoPath Designer
 - Locate /my:Submitter/my:Images/my:Image/my:Link and right click
 - Click 'fx' to modify default value

Field or Group Properties ? X

Data Merge Details

Properties

Name:

Type:

Data type:

Data namespace:

☐ Repeating

☐ Cannot be blank (*)

☐ Non-empty occurrence required

Default Value

Value: 

Example: Sample Text

☒ Refresh value when formula is recalculated

OK Cancel



- If you are accessing share using url, then replace '\image' as '/image'

- Save the template.
- Back to DAT, and upload New Template

- Save. And test it again.

SUPPORT

The InfoPathDev.com community has [Product support forums](#) where Qdabra's products can be discussed. This is a good place to contact other users of Qdabra's products. Qdabra's support staff also monitors this forum to identify issues and respond.

If you have questions about the information in this document, please contact us via Support@Qdabra.com for assistance. To learn more about Qdabra support, please visit [our website](#).



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