

DBXL OFFICE 365

DBXL INSTALLATION/CONFIGURATION AND UPGRADE DOCUMENTATION

VERSION 1.0

This document mentions the steps for those customers who has only dbxl app package and they want to use common azure account for dbxl web.

Infrastructure Requirements:

1. Office 365 Account (for App package).
2. Hosted Qdabra DBXL web service using a static IP. So that azure hosted site can access the service using credentials. (To submit document to DBXL).
3. SQL Server Instance (To save the documents on DBXL). Actually this is the part of DBXL service installation.
4. Microsoft Office InfoPath for the configuration of Document Type.

Steps to setup the packages:

To setup the provider hosted app on office 365 for DBXL needs the following things to do:

Register Azure site with SharePoint:

1. We have to register the app with the client Id and client secret to authenticate it with SharePoint. To register it follow the steps given below:
 - a. Suppose you have a site collection with URL e.g. <https://qdabra.sharepoint.com>.
 - b. Then navigate to https://qdabra.sharepoint.com/_layouts/15/appregnew.aspx
 - c. Enter the settings on the page as mentioned below:
 - i. Client ID: entered the client id that are provided e.g. (d3c31d7d-3f3c-4dda-89f7-bcecbd9bbc12).
 - ii. Client Secret : entered the client id that are provided e.g. (k0VO+x+3stjs99x/BWO/23DI6SUVAWeb2kG3sFcRPP4=)
 - iii. Title : Title of your app e.g. QdabraO365DBXL
 - iv. App domain: dbxldemo.azurewebsites.net (Azure hosted site domain)
 - v. Redirect URL : <https://dbxldemo.azurewebsites.net>
 - d. Click on create button to save the settings.

DBXL installation/Configuration and upgrade

Register an App - Internet Explorer

Office 365 Sites

Home

Recent

Apps for SharePoint

Apps for Office

App Requests

Site Contents

App Information

The app's information, including app id, secret, title, hosting url and redirect url.

Client Id:

d3c31d7d-3f3c-4dda-89f7-bcecd9bcb12

Generate

Client Secret:

k0VO-x+3stj99v/BWQ/23Di6SUVAVWeb2kG3

Generate

Title:

QdabraO365DBXL

App Domain:

dbxlo365.azurewebsites.net

Example: "www.contoso.com"

Redirect URI:

https://dbxlo365.azurewebsites.net

Example: "https://www.contoso.com/default.aspx"

Create Cancel

2. Next window will show the entered details of app registration.

Register an App - Internet Explorer

Office 365 Sites

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DBXL EDIT LINKS

The app identifier has been successfully created.

Client Id: d3c31d7d-3f3c-4dda-89f7-bcecd9bcb12

Client Secret: k0VO-x+3stj99v/BWQ/23Di6SUVAVWeb2kG3fRPP4=

Title: QdabraO365DBXL

App Domain: dbxlo365.azurewebsites.net

Redirect URI: https://dbxlo365.azurewebsites.net

OK

3. Note the following settings.

Upload the app in App catalog on Office 365 account

1. Go to App catalog site (If it is not present then create a site collection using App Catalog template) and then upload the package here.

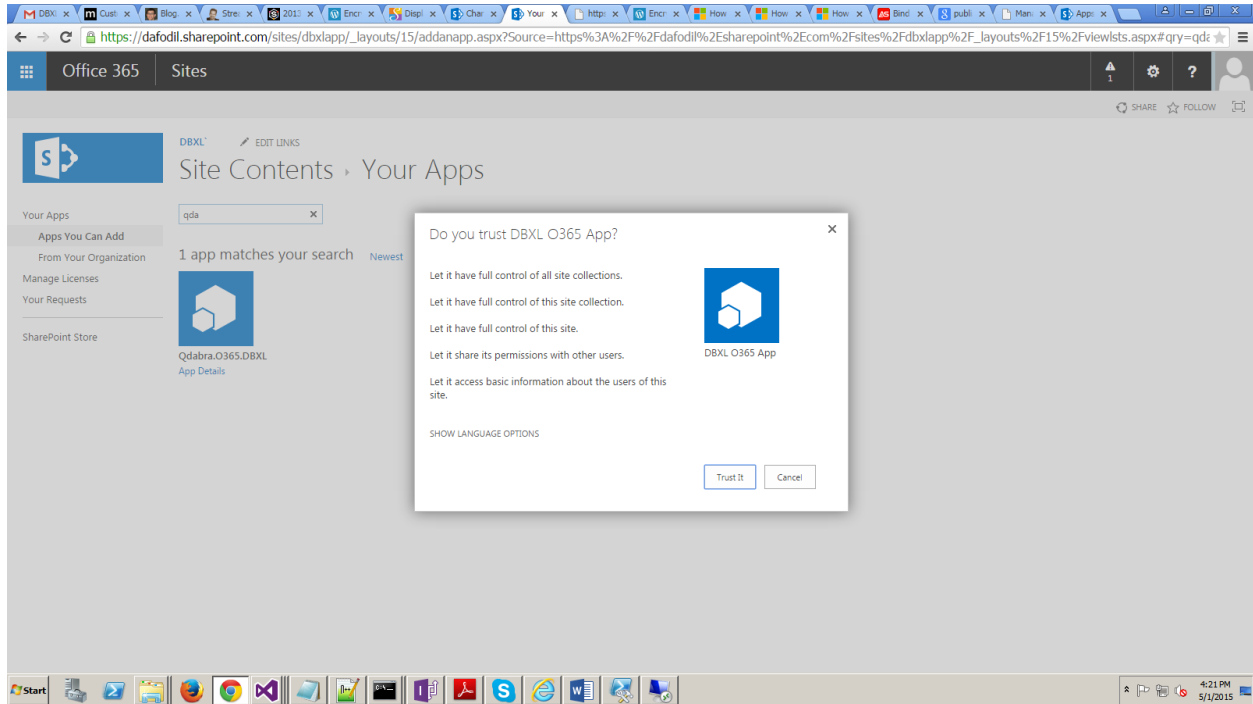
The screenshot shows the Office 365 App Catalog interface. At the top, there's a navigation bar with 'Office 365' and 'Sites'. Below it, a search bar and a 'Home' button are visible. The main content area displays 'Apps for SharePoint' with a green banner indicating 'Upload completed (1 added) Refresh'. A table lists the uploaded apps:

✓	Title	Name	App Version	Edit	Product ID	Metadata Language	Default Metadata Language	Modified	Enabled	Valid App Package
• Product ID : {A2A17525-5214-4095-9D3C-23866C72BC7F} (1)										
	Qdabra.O365.DBXL	Qdabra.O365.DBXL	9.0.0.5		{A2A17525-5214-4095-9D3C-23866C72BC7F}	English - 1033	Yes	A few seconds ago	Yes	Yes
• Product ID : {4D04C363-7296-42DA-8EBD-E8E25520594E} (1)										
	DaffoCharts	DaffoChart	1.0.0.0		{4D04C363-7296-42DA-8EBD-E8E25520594E}	English - 1033	Yes	April 7	Yes	Yes

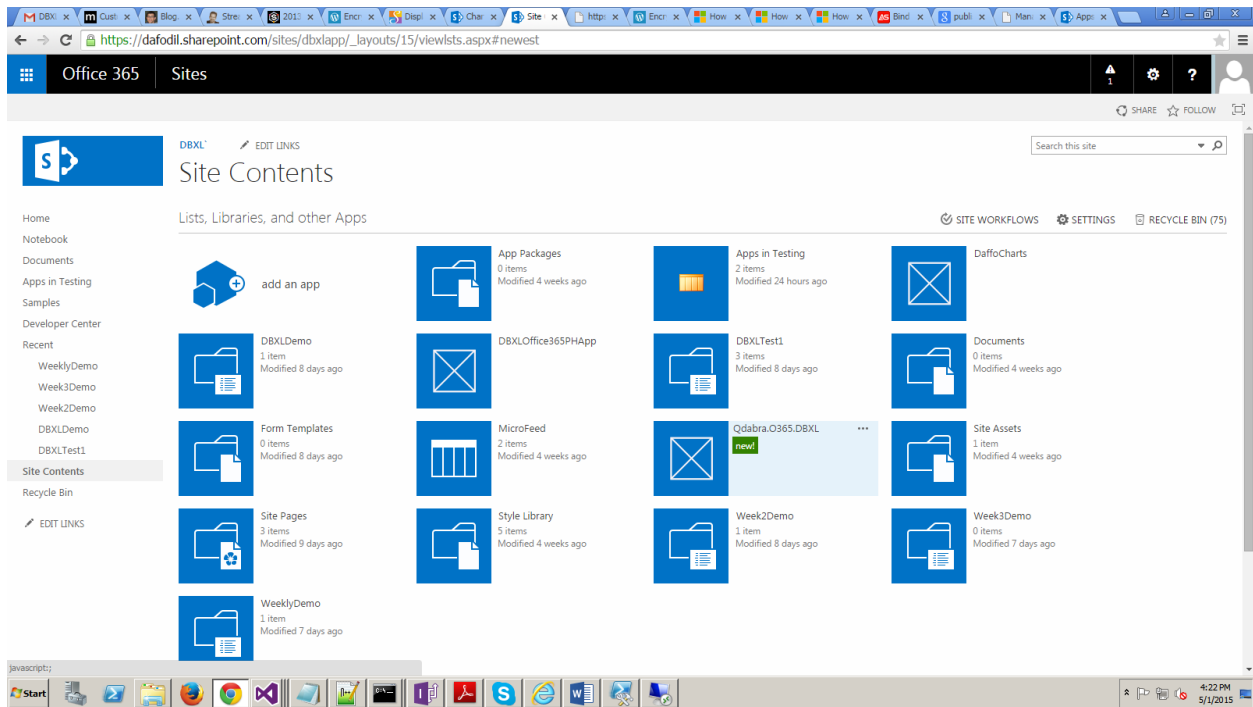
Below the table, there's a 'Drag files here to upload' area. The Windows taskbar at the bottom shows the Start button and various application icons, with the system clock indicating 4:19 PM on 5/1/2015.

Add the DBXL O365 app in the SharePoint site:

1. Now move to any site (<https://qdabra.sharepoint.com/demo>) click on Add an app -> find your app and Install it
2. Click on Trust It to provide access to the app.

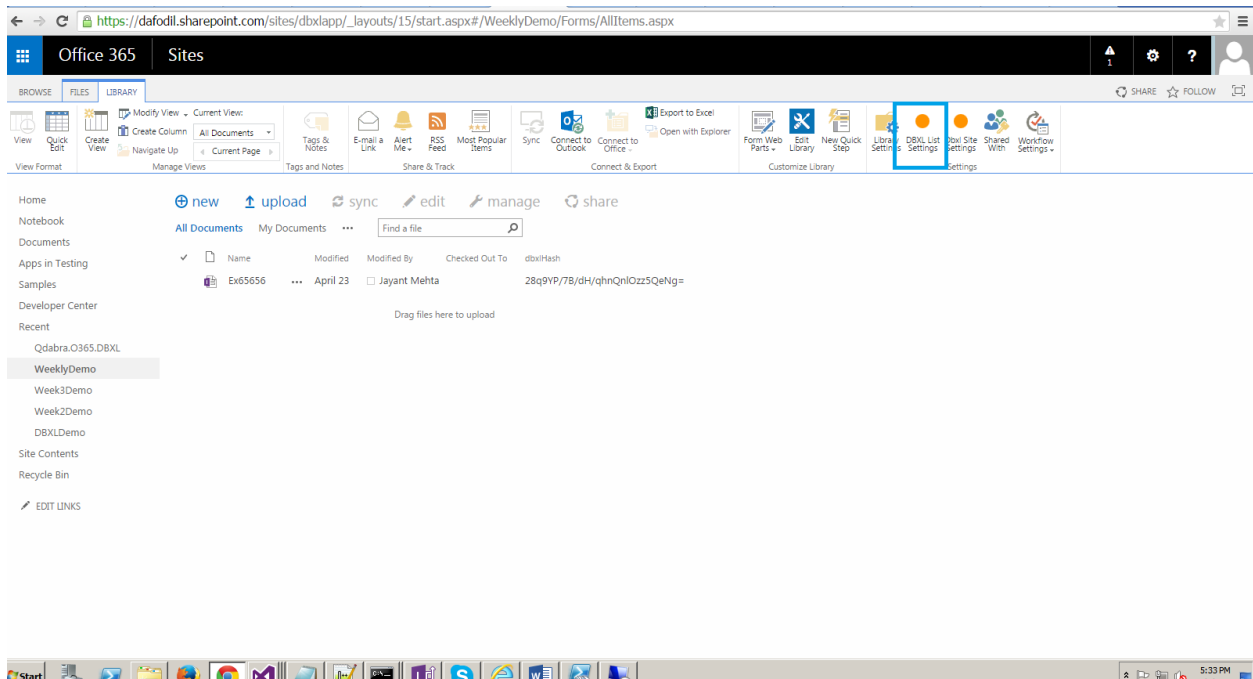


3. Now you can find your app in Site content of your site.



To Setup the Remote Event Receiver:

1. We will create a Form Library.
2. Create InfoPath form and configure the Submit data connection to point the Form Library
3. Publish the Form to SharePoint server.
4. Close the form.
5. Configure the Document Type in DBXL Configuration InfoPath Form.
6. Write a doctype name, upload the InfoPath form template, Do Database Connection setup.
7. Data table and columns mapping. (Same settings as On-Premise Dbxl Settings).
8. Let's get back to form library.
9. Click the DBXL List Settings from Ribbon button in form library settings.



10. Update the Remote End points of the DBXL web service in DBXL instance.

To submit document to DBXL, we need the DBXL service and that service Url should be in SharePoint app package to manage trust of DBXL service with SharePoint. So if we want to add/Edit DBXL service Url then we need to create another app package with the added/updated service Url (Remote End Points). To automate this process we have added a page that will take the Remote end points and will create the new app package with the added/updated remote end points.

Follow the below mentioned steps to update Remote end points:

- a. To update remote end points click on DBXL instance link on DBXL List Settings page.

DBXL Settings: ExpenseReportForm

DBXL Service: Enter the configuration details.

DBXL Instance: Dev

[Manage DBXL Instances](#)

Document Settings: Enter the xpaths containing the document properties. These are passed to DBXL on save or update.

Document Type Name: WeeklyDemo

Document Type Name Xpath: Enter the Document Type Name Xpath

Conditional Submit: Example: /my/myFields/my.Value = '1'

Note: the condition is not validated.

Conditional Delete: Example: /my/myFields/my.Value = '1'

Note: the condition is not validated.

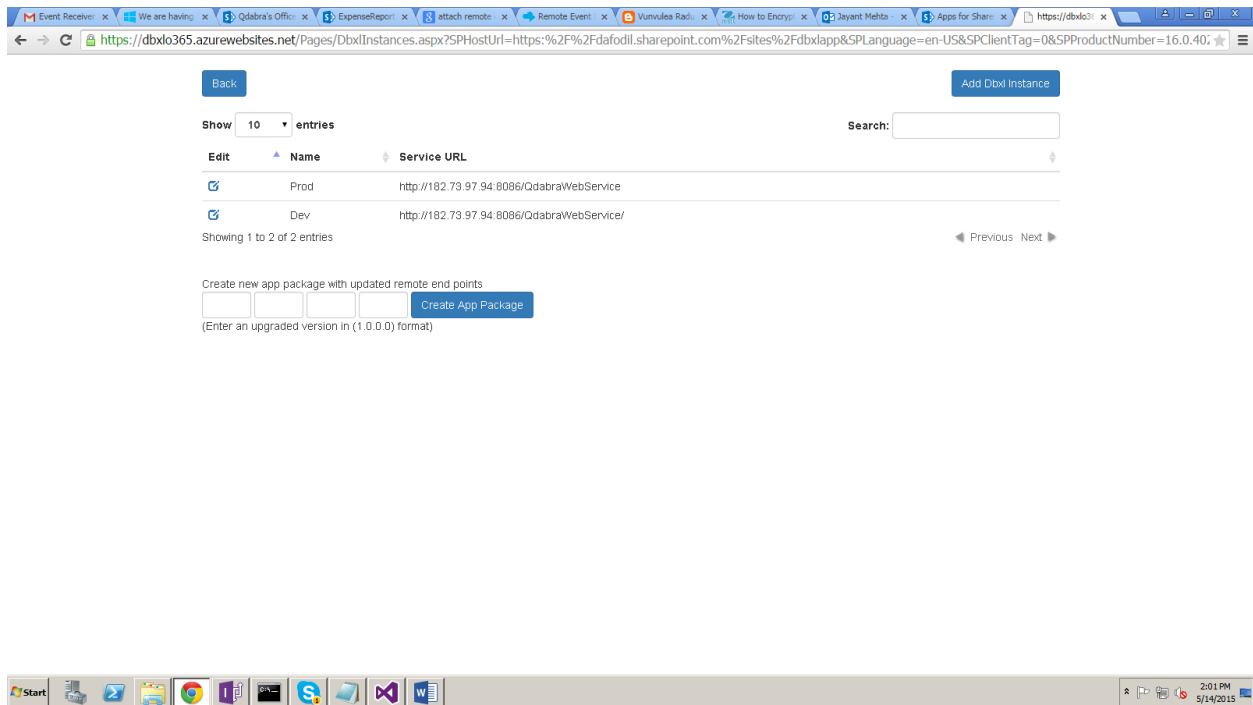
Name XPath: /my/ExpenseReport/my.Main/my.ExpenseDetails/my.Employee/my.Name

Note: xpaths are not validated.

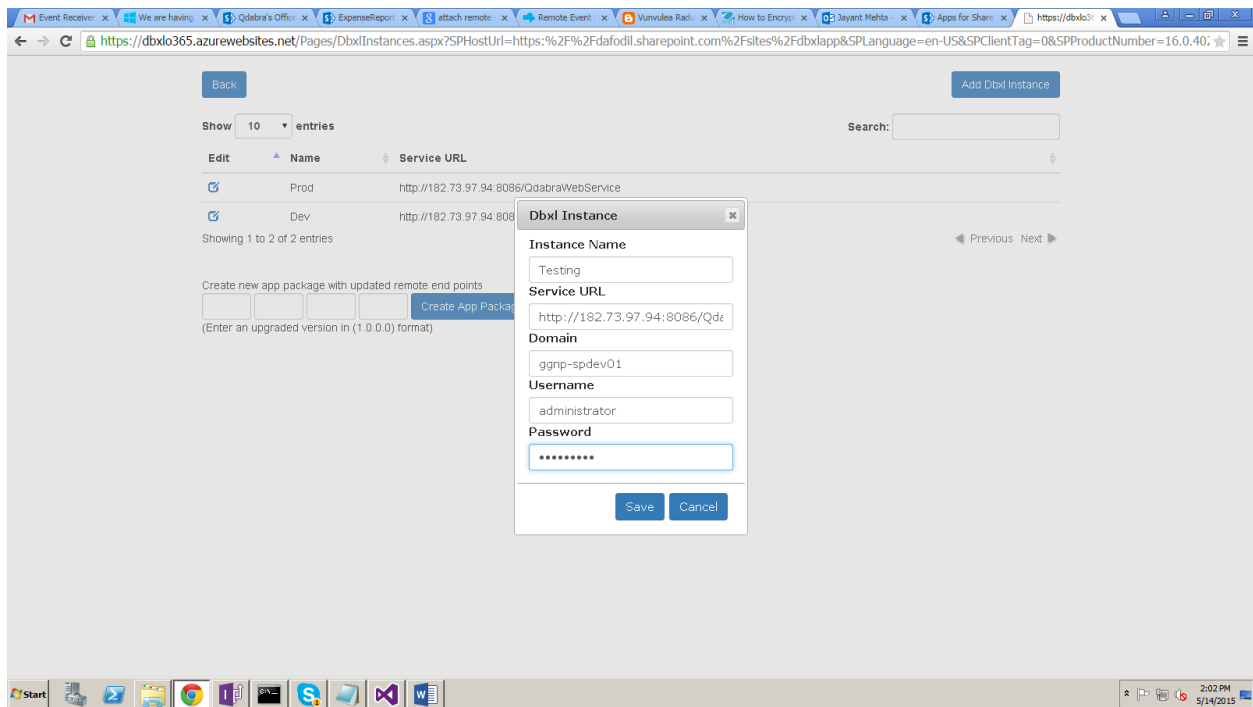
Author XPath: Enter the Author Xpath

- b. Now dbxl instance page will open.

DBXL installation/Configuration and upgrade

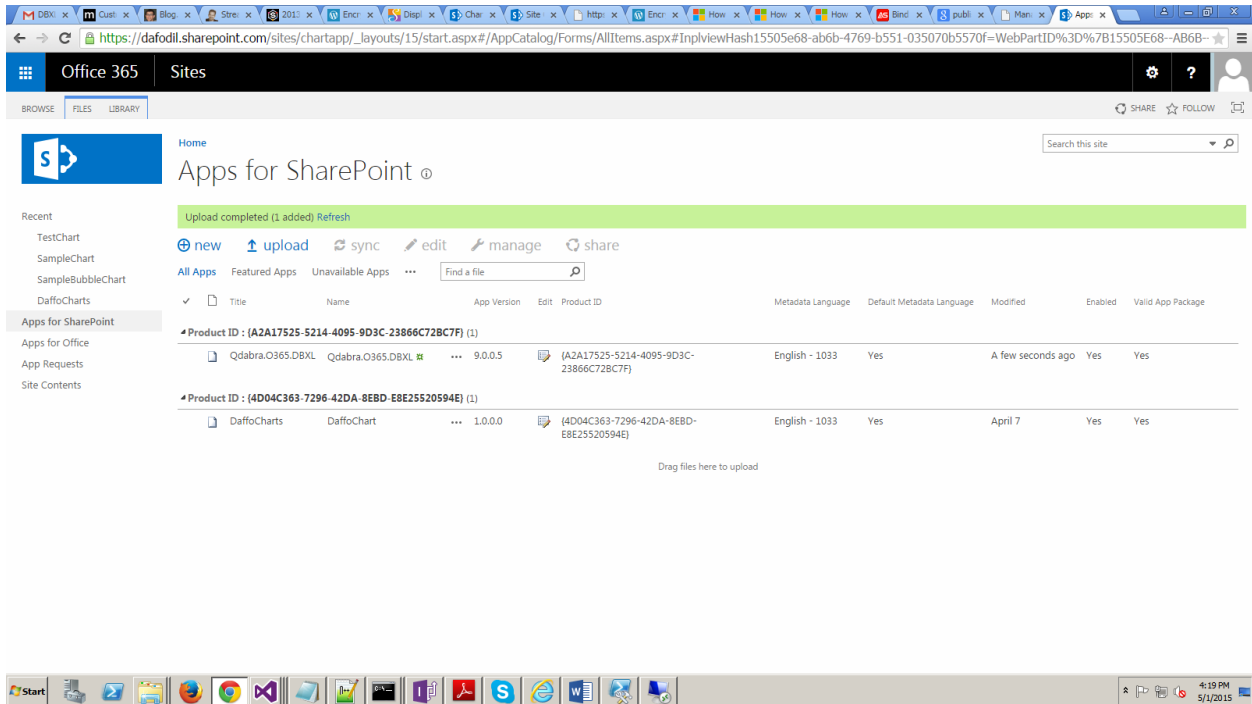


- c. Now click on Add/Edit Dbxl Instance button to add new dbxl instance provide the all parameters.

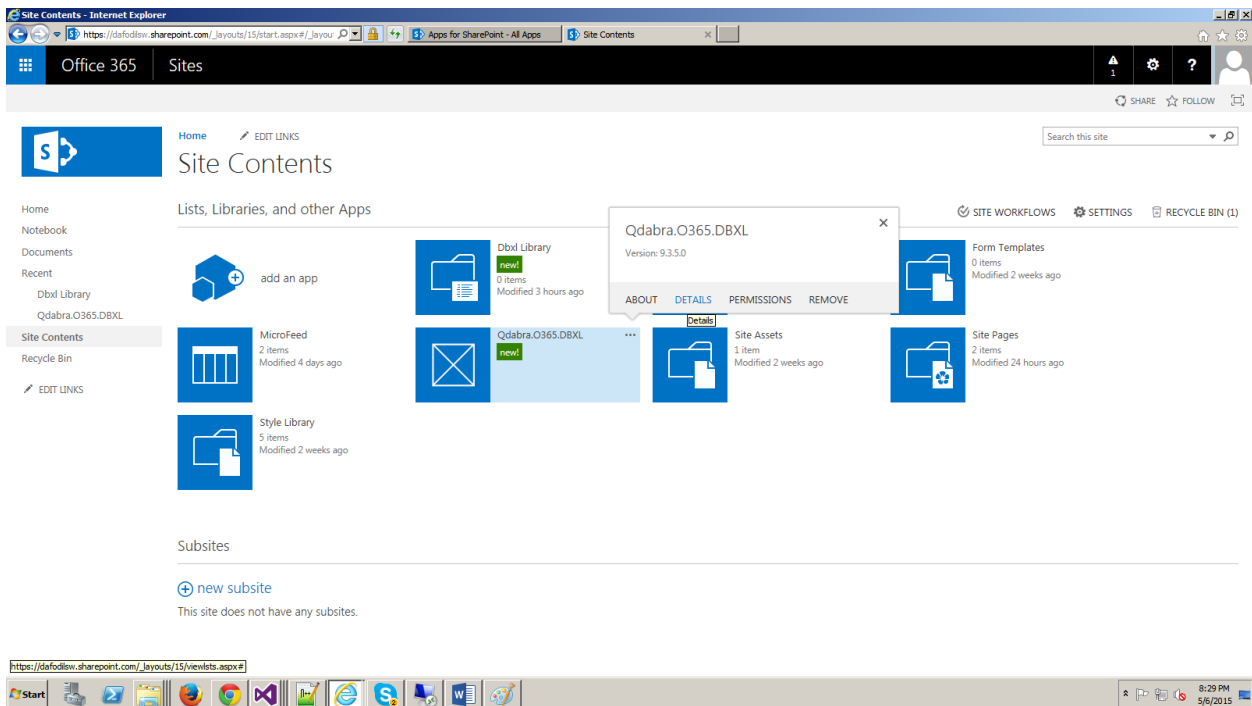


- d. On Save entries will show in data table.

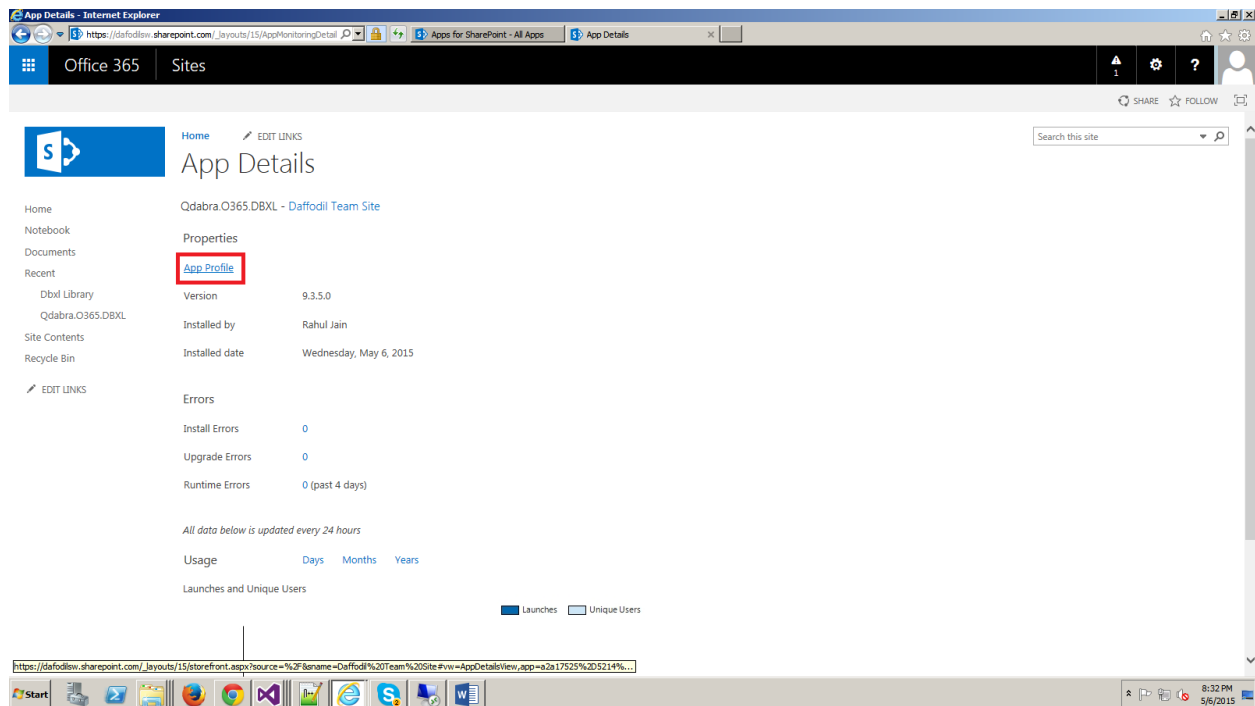
- e. Now to create the package provide the app version and click on Create App Package.
- f. Then it will download the new app package.
- g. Now go to app catalog and upload the new app package.



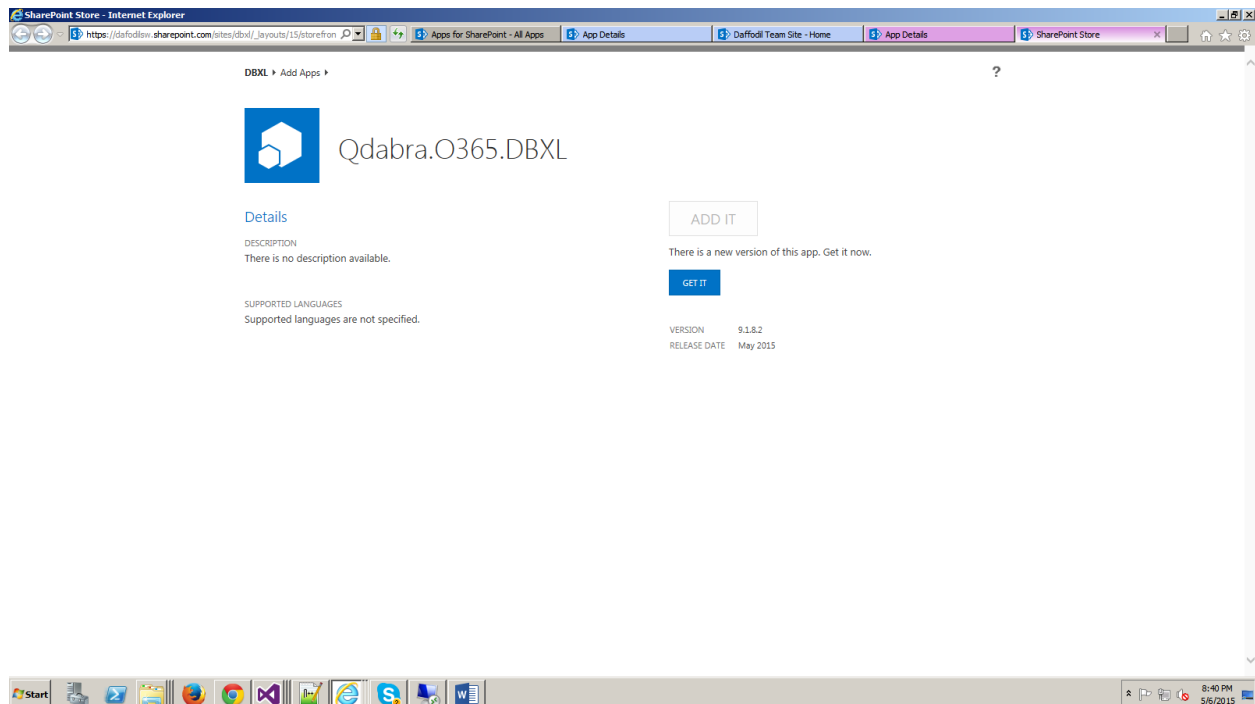
- h. Now to update the package to particular SharePoint site.
- i. Go to site content -> your app and click on app details.



j. Now click on app profile link.



k. Now Click on Get it to update the app.



11. Do the necessary settings required for DBXL settings.

DBXL Settings: **WeeklyDemo**

DBXL Service: DBXL Instance:

Enter the configuration details.

Test

DBXL Instance

Document Settings: **Document Type Name:**

Enter the xpath's containing the document properties. These are passed to DBXL on save or update.

WeeklyDemo

Document Type Name Xpath

Enter the Document Type Name Xpath

Conditional Submit:

Example: /my:myFields/my:Value = '1'

Note: the condition is not validated.

Conditional Delete:

/my:expenseReport/my:items/my:total > 1

Note: the condition is not validated.

Name XPath:

/my:expenseReport/my:employee/my:name

Note: xpath's are not validated.

Author XPath:

/my:expenseReport/my:employee/my:name

Description XPath:

/my:expenseReport/my:items/my:item/my:description

Notifications :

Specify whom to notify when errors occur submitting forms to DBXL.

jayant@dafodil.onmicrosoft.com

Enable DBXL Submit: ☒ Enable DBXL Submit

Enable or disable submitting to DBXL on

Below are the complete description of each DBXL List setting.

- DBXL Instances: These are the services Url for which we have configured our DBXL to submit the documents.
- Document type name: This is the doc type name that we have configured in DBXL administration form.
- Document type name XPath: Xpath of doc type.
- Conditional submit: Condition entered in this will check on document submit and if the condition pass then document will submit to DBXL if not then it check whether the document is already submitted if it found then delete the document from DBXL.
- Conditional delete: Condition entered in this will check on document submit and if the condition pass then document will be deleted from DBXL and SharePoint both if not then document is deleted from SharePoint only.

- f. Name XPath: XPath of the document field that we want to show in Name field of DBXL administration form.
- g. Author XPath: XPath of the document field that we want to show in Author field of DBXL documents.
- h. Description XPath: XPath of the document field that we want to show in the Description field of DBXL documents.
- i. Notifications: This takes comma delimited email address for sending notifications for synchronization and errors.
- j. Enable DBXL submit: This check box will handle DBXL document submit. If unchecked then no document will be submit to DBXL.
- k. Force DBXL submit: If user always wants to submit document whether is changed or not, then this checkbox will override the functionality of preventing document submit if it is not changed.

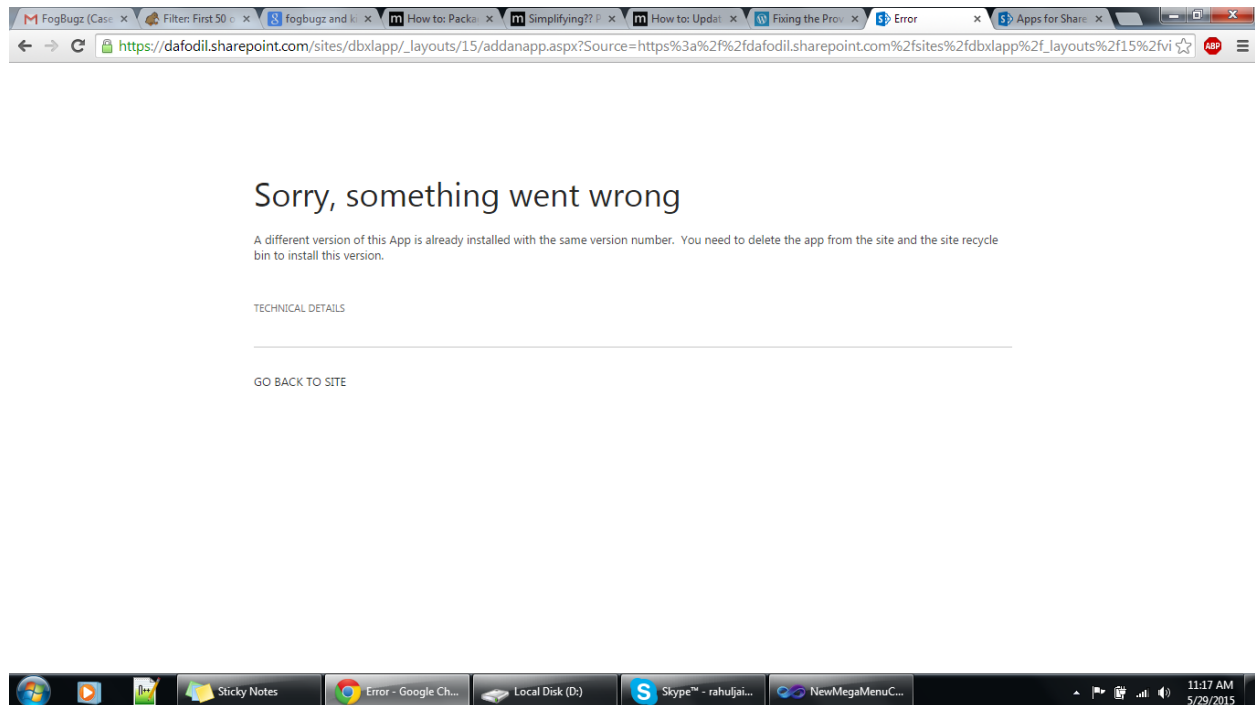
List settings page buttons

- a. Synchronize: This will synchronize the all library documents regardless of whether “Enable DBXL submit” is checked or not but this will always check for other list settings.
- b. Save and Test: This will save the DBXL settings to library properties bag and validate for the DBXL list settings and service.
- c. OK: This button save the DBXL list settings to library properties bag and redirect to library settings page.
- d. Cancel: This button cancel the current operation and redirect to library settings page.

Troubleshooting:

1. Installing App with same version number:

Suppose you have updated the remote end points and created a new app package with same number. But when you are trying to update the app package you got the following error.



Error is “A different version of this App is already installed with the same version number. You need to delete the app from the site and the site recycle bin to install this version.”

Error briefly explains the problem that we have already an app is installed with the same version number actually SharePoint is not removing the app from the site, it just puts it in the site’s recycle bin. So the app really does live on, and that’s why you can’t add it again. So the solution is either we have to update the app with new version number that is greater than the previous or to install the app with same version number we have to remove the app from the both Primary and Secondary recycle bin. Below are the steps explaining how to achieve the same.

1. Open SharePoint site on which App is installed previously and click on Recycle Bin from the left.

The screenshot shows the SharePoint 'Site Settings > Recycle Bin' page. The left navigation pane has 'Recycle Bin' highlighted under 'Site Contents'. The main content area displays a table of deleted items.

Type	Name	Original Location	Deleted By	Created By	Deleted	Size
☒	Qdabra.O365.DBXL	/	☐ Jayant Mehta		5/28/2015 10:35 PM	0 KB
☐	Qdabra.O365.DBXL	/	☐ Jayant Mehta		5/15/2015 2:44 AM	0 KB
☐	jkh_kljhj-2015-05-06.xml	/sites/dbxlapp/ExpenseReportForm	☐ Jayant Mehta	☐ Jayant Mehta	5/14/2015 10:32 PM	36.4 KB
☐	Qdabra.O365.DBXL	/	☐ Jayant Mehta		5/14/2015 10:22 PM	0 KB
☐	Qdabra.O365.DBXL	/	☐ Jayant Mehta		5/14/2015 9:47 PM	0 KB
☐	rahul_dafol.fg-2015-05-08.xml	/sites/dbxlapp/ExpenseReportForm	☐ Jayant Mehta	☐ Jayant Mehta	5/13/2015 11:02 PM	36.4 KB
☐	Qdabra.O365.DBXL	/	☐ Jayant Mehta		5/13/2015 7:05 AM	0 KB
☐	highj_ighsd.ds-2015-05-05.xml	/sites/dbxlapp/ExpenseReportForm	☐ Jayant Mehta	☐ Jayant Mehta	5/12/2015 2:15 AM	36.4 KB
☐	er3sdg_hdg.fdg-2015-05-06.xml	/sites/dbxlapp/ExpenseReportForm	☐ Jayant Mehta	☐ Jayant Mehta	5/12/2015 1:41 AM	36.4 KB
☐	Qdabra.O365.DBXL	/	☐ Jayant Mehta		5/11/2015 4:28 AM	0 KB
☐	Qdabra.O365.DBXL	/	☐ Jayant Mehta		5/11/2015 4:09 AM	0 KB

Can't find what you're looking for? Check the [second-stage recycle bin](#).

2. Remove your app package from here by selecting the particular app package and click on Delete Selection button.
3. Only deletion for this doesn't work you will still get the same error if trying to install the app. Because SharePoint still save it in Secondary recycle bin. Now to completely remove the app from SharePoint click on "second stage recycle bin" from the same page.

Office 365 Sites

DBXL EDIT LINKS

Site Settings ▸ Recycle Bin

You're the site collection admin. You can see items deleted from all sites in this site collection. [Learn more](#)

Restore Selection Delete Selection Empty Recycle Bin

Type Name Original Location Deleted By Created By Deleted Size

There are no items in the recycle bin.

Can't find what you're looking for? Check the [second-stage recycle bin](#).

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https://dafodil.sharepoint.com/sites/dbxlapp/_layouts/15/AdminRecycleBin.aspx?View=2&ql=1

4. Now find your app and remove it.

Office 365 Sites

DBXL EDIT LINKS

Recycle Bin ▸ Second-Stage Recycle Bin

You're the site collection admin. You can see items deleted from all sites in this site collection. [Learn more](#)

Restore Selection Delete Selection

Type	Name	Original Location	Deleted By	Created By	Deleted	Size
	Qdabra.O365.DBXL	/	Jayant Mehta		5/28/2015 10:35 PM	0 KB
	Qdabra.O365.DBXL	/	Jayant Mehta		5/15/2015 2:44 AM	0 KB
	jkh_kjh.hj-2015-05-06.xml	/sites/dbxlapp/ExpenseReportForm	Jayant Mehta	Jayant Mehta	5/14/2015 10:32 PM	36.4 KB
	Qdabra.O365.DBXL	/	Jayant Mehta		5/14/2015 10:22 PM	0 KB
	Qdabra.O365.DBXL	/	Jayant Mehta		5/14/2015 9:47 PM	0 KB
	rahu_dafolfg-2015-05-08.xml	/sites/dbxlapp/ExpenseReportForm	Jayant Mehta	Jayant Mehta	5/13/2015 11:02 PM	36.4 KB
	Qdabra.O365.DBXL	/	Jayant Mehta		5/13/2015 7:05 AM	0 KB
	hghj_jghsd.ds-2015-05-05.xml	/sites/dbxlapp/ExpenseReportForm	Jayant Mehta	Jayant Mehta	5/12/2015 2:15 AM	36.4 KB
	er3sdg_hdg.fdg-2015-05-06.xml	/sites/dbxlapp/ExpenseReportForm	Jayant Mehta	Jayant Mehta	5/12/2015 1:41 AM	36.4 KB
	Qdabra.O365.DBXL	/	Jayant Mehta		5/11/2015 4:28 AM	0 KB
	Qdabra.O365.DBXL	/	Jayant Mehta		5/11/2015 4:09 AM	0 KB
	Qdabra.O365.DBXL	/	Jayant Mehta		5/8/2015 5:09 AM	0 KB
	Qdabra.O365.DBXL	/	Jayant Mehta		5/8/2015 5:01 AM	0 KB

Home Notebook Documents Apps in Testing Samples Developer Center Recent ExpenseReportForm WeeklyDemo Week3Demo Week2Demo DBXLDemo Site Contents Recycle Bin EDIT LINKS

Sticky Notes Recycle Bin - Goo... Local Disk (D:) Skype™ - rahuljai... NewMegaMenuC...

11:21 AM 5/29/2015

5. After deleting the app from secondary recycle bin try to add your app from site content then your will install with the same app version.

