



Odoo OneDrive Integration

Functional Documentation

CREATED ON : 25th Sep 2018
CREATED BY : Neha Roy, Ganesh Waghmare


Pragmatic has developed new module to sync data between Onedrive and Odoo. Now user can keep the data either on both the locations or over the one drive only. With this feature user can manage the database and keep it clean.

Features

- **Automatic Synchronization:** Files synchronized automatically between Onedrive and Odoo. No manual intervention is required.
- **Two-ways Synchronization:** In this module synchronization is bilateral. Files which are placed over Onedrive can be easily accessible through Odoo. Similarly once the attachment is placed over Odoo, it will sync the data and data is available over Onedrive.
- **File Support:** Synced attachment in Odoo opens via URL to OneDrive file. Preview of these documents depends on OneDrive configurations. For instance, if user is using Office 365, the files will be opened immediately using Word or Excel.
- **Systematic Folder:** OneDrive is used for business and sharepoint purpose. The files are kept systematically and create a convenient system in the cloud. Path over Onedrive would be: Files -> Odoo -> App name -> Object's name -> Document. For example, "Files / Odoo / Sales Order / SO0001 / orders.xlsx".
- **Update Attachment:** If user updates attachment in OneDrive, the same attachment will be automatically updated in Odoo.
- **Store Attachments:** User can select where to store attachments, either in OneDrive or both Odoo and OneDrive. Storing attachments in OneDrive will be a better practice as it will make Odoo faster because Odoo database storage will be not be used for storing attachments.
- **Availability:** This feature is available for Sales Orders and Purchase Orders of Odoo.
- **Scheduled Actions:** User can define the time interval for this scheduler to run to sync the data between the Onedrive and Odoo.

- **Delete Action:** If user removes the attachment from Odoo, it will automatically delete the same attachment from Onedrive.

OneDrive Configuration



My Company

General Information
OneDrive

OneDrive Configuration

Refresh Token

OneDrive Config State	Confirmed	Authorization URL	https://login.live.com/oauth20_authorize.srf
APP Client ID	485557da-d0c7-471d-a82b-ed258b256e70	Authorization Token URL	https://login.live.com/oauth20_token.srf
APP Secret		Redirect URL	http://localhost:8011/get_onedrive_token
Authorization Code	M518af5fd-5b2a-da2a-fc8a-b6819ec3b4e2		
Store Attachment At	Both (Odoo and OneDrive)		



Initial Sync

Upload To Onedrive
Download From OneDrive

Steps to configure the OneDrive synchronization

- Install our Pragmatic Odoo Onedrive Syncing module.
- Go to the [OneDrive Application page](#) and sign in with your account.
- Add new Application: specify a name and create an application.
- Add new Web platform and allow implicit flow. The Redirect URL is your Odoo's instance URL with '/get_onedrive_token' in the end.
- Check 'Live SDK support'.
- Generate new password and use it for Secret Key. User should copy both App Client ID and App Secret.

- In Odoo go to Settings -> Users and Companies -> Companies
- Put the App Client ID and App Client Secret into OneDrive Configuration Settings.
- By clicking on the button '**Login and Confirm**' for first time, it will be offered to authorize the user whose cloud will be synchronized. After successful authorization, both buttons will appear '**Upload To OneDrive**' and '**Download From OneDrive**'.


Application Registration Portal
Tools
Docs
Feedback


My applications / Test App

Test App Registration

[Click here for help integrating your application with Microsoft.](#)

Properties

Name

Application Id

485557da-d0c7-471d-a82b-ed258b256e70

Application Secrets

Generate New Password
Generate New Key Pair
Upload Public Key

Application Secrets

Generate New Password
Generate New Key Pair
Upload Public Key

Type	Password/Public Key	Created	
Password	yqp*****	Sep 17, 2018 5:49:55 PM	Delete

Platforms

Add Platform

WebDelete

☒ Allow Implicit Flow

Redirect URLs ⓘ Add URL

Logout URL ⓘ

OneDrive Scheduled Action

The screenshot shows the Odoo 'Scheduled Actions' configuration page for a task named 'Sync With OneDrive'. The left sidebar contains a navigation menu with categories like Companies, Translations, Languages, and General Settings. The main content area has a header with 'Scheduled Actions / Sync With OneDrive' and buttons for 'Edit', 'Create', and 'Run Manually'. Below this, the configuration details are displayed in a table-like format. The 'Model' is 'Res Company OneDrive Configuration Customization' and the 'Action To Do' is 'Execute Python Code'. The 'Scheduler User' is 'Administrator', 'Execute Every' is '4Hours', 'Next Execution Date' is '09/24/2018 18:43:01', 'Number of Calls' is '-1', 'Priority' is '5', and 'Repeat Missed' is checked. At the bottom, there is a 'Python Code' tab with the code `model.sync_with_onedrive()` and a 'Help' link.

Field	Value
Model	Res Company OneDrive Configuration Customization
Action To Do	Execute Python Code
Scheduler User	Administrator
Execute Every	4Hours
Next Execution Date	09/24/2018 18:43:01
Number of Calls	-1
Priority	5
Repeat Missed	<input checked="" type="checkbox"/>

Python Code: `model.sync_with_onedrive()`

Odoo OneDrive Synchronization

The screenshot shows the Odoo 'Quotations' interface for a specific record 'SO001'. The top header includes 'Quotations / SO001' and buttons for 'Edit', 'Create', 'Print', and 'Action'. A dropdown menu is open, showing 'orders.xlsx' and 'Add...'. Below the header, there are buttons for 'Send by Email', 'Print', 'Confirm Sale', and 'Cancel'. The main content area displays the details for 'SO001', including the 'Customer' information (Agrolait, 69 rue de Namur, 1300 Wavre, Belgium) and the 'Expiration Date' and 'Payment Terms' fields. The right sidebar shows a progress bar with 'Quotation', 'Quotation Sent', and 'Sales Order' stages.

Field	Value
Customer	Agrolait 69 rue de Namur 1300 Wavre Belgium
Expiration Date	
Payment Terms	

OneDrive

Search everything

NewUploadShareDownloadMove toCopy toRenameCreate album from folder

OneDriveFilesRecentPhotosSharedRecycle bin

Files > Odoo

Purchase Order
4h ago

Sales Order
4h ago

OneDrive

Search everything

NewUploadShareDownloadMove toCopy toRenameCreate album from folder

OneDriveFilesRecentPhotosSharedRecycle bin

Files > Odoo > Sales Order

SO001
5h ago

SO010
2h ago

SO011
5h ago

SO017
5h ago

SO018
5h ago

OneDrive

Search everything

NewUploadShareDownloadMove toCopy toRenameCreate album from folder

OneDriveFilesRecentPhotosSharedRecycle bin

Files > Odoo > Sales Order > SO001

orders.xlsx
3m ago

RoadMap

- 1) Syncing data of Products
- 2) Syncing data of Customers
- 3) Syncing data of Vendors