



**Harvest**<sup>TM</sup>  
**Food Solutions**

# **HFS - API CONNECTOR FOR BC**

## **API CONNECTOR SETUP**

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VERSION 1.0

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## REVISION LOG

VERSION	DATE	AUTHOR	CHANGE REFERENCE
<b>Draft</b>			
<b>1</b>	7/16/2024	Charlotte Smith	Document Creation
<b>2</b>			
<b>3</b>			
<b>4</b>			

## HARVEST – API CONNECTOR

The Harvest - API Connector is an add-on to Business Central allowing for easy configuration and setup of API's connecting you to your data. The key features that will be explained in this document are:

1. **Adding a new Table to the API list**
2. **Selecting the fields to be included in API by Table**
3. **Setting up a filter to limit the data available to the API**
4. **Connecting an Excel sheet to the API**

## SETUP

1. **Install the HFS API-Connector Application**
2. **Add the permission set HFSAPIGATEWAY to Users**

## INSTRUCTIONS – ADDING A PAGE TO GATEWAY TABLES

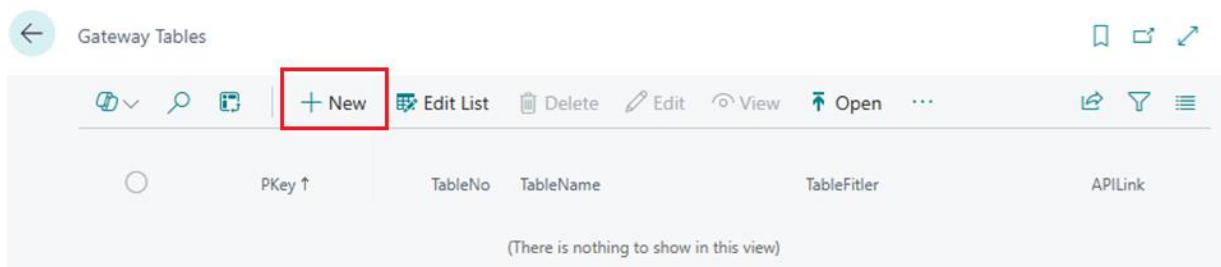
### ADDING A PAGE

- Select Gateway Tables
  - Search for Gateway Tables

Go to Pages and Tasks



- Select +New on the Gateway Tables page



## CHOOSE THE TABLE NUMBER

- Choose the TableNo
  - Enter the ID of the Table being added

Actions ▾ Automate ▾

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### General

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TableNo .....  ▾ Include /

TableName .....  APILink

- Or select from the drop-down list

0 ▾ Include All Fields .....

	ID ↑	Name
→	3	Payment Terms
	4	Currency
	5	Finance Charge Terms
	6	Customer Price Group
	7	Standard Text
	~	.

Show details Select from full list

- Or select from the full list (search can be used in this option)

Select

	ID ↑	Name
→	3	Payment Terms
	4	Currency
	5	Finance Charge Terms
	6	Customer Price Group
	7	Standard Text
	8	Language
	9	Country/Region

Show details Select from full list

## CHOOSE THE FIELDS FOR API

- Choose the fields to be included in the API
  - Select "include All Fields if all available fields are desired"

TableName .....   
 Include All Fields .....

- The Gateway Table Card will prompt. This example is for the Location Table

GatewayTableCard ✎ 🔗 + 🗑️ ✓ Saved 📄

0

Actions ▾ Automate ▾

**General**

TableNo .....  ▾ APILink .....   
 TableName .....   
 Include All Fields .....

GatewayField | 🔗 New Line 🗑️ Delete Line 🔗 📄

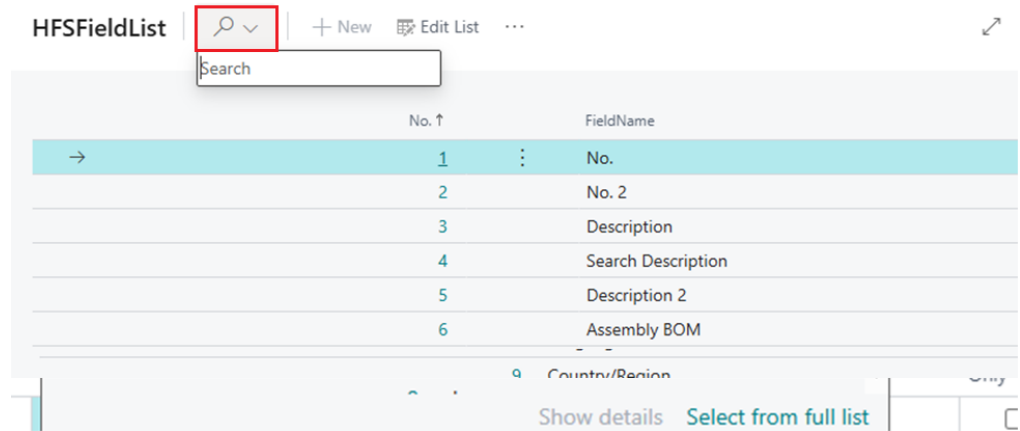
	FieldNo	FieldName	Field Filter	Filter Only
→	1	Code		<input type="checkbox"/>
	2	Name		<input type="checkbox"/>
	130	Default Bin Code		<input type="checkbox"/>
	5700	Name 2		<input type="checkbox"/>
	5701	Address		<input type="checkbox"/>

- Save the API Link in a Notepad for input in the Excel Connection
- If only some fields are to be included:
  - Enter the FieldNo for each field

GatewayField | 🔗 New Line 🗑️ Delete Line 🔗 📄

	FieldNo	FieldName	Field Filter	Filter Only
→	0			<input type="checkbox"/>

- Or select the ellipse button to choose from a list of fields (search is available in this option)

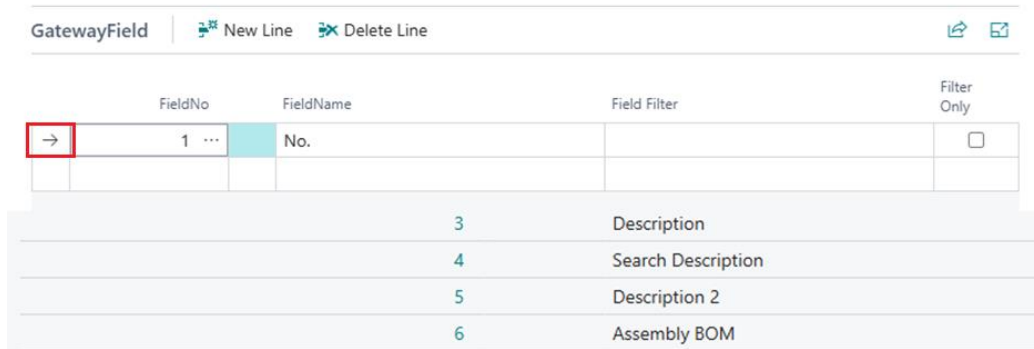


- Or after selecting "include All Fields," unselect this option and delete the fields to not be included
  - Repeat until all desired fields are added

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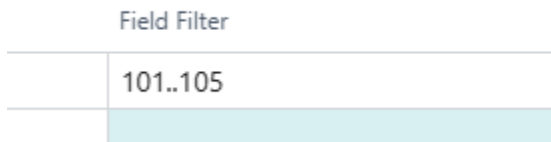
## ADD A FILTER

- A filter can be added to limit the results
  - Choose the field to be filtered



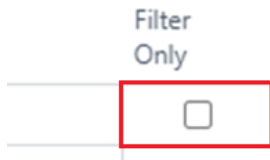
FieldNo	FieldName	Field Filter	Filter Only
→ 1 ...	No.		<input type="checkbox"/>
		3	Description
		4	Search Description
		5	Description 2
		6	Assembly BOM

- Add the filter



Field Filter
101..105

- Choose if the field should be included in the data or if it will only be used for filtering purposes. If checked, it will only filter and not be part of the data

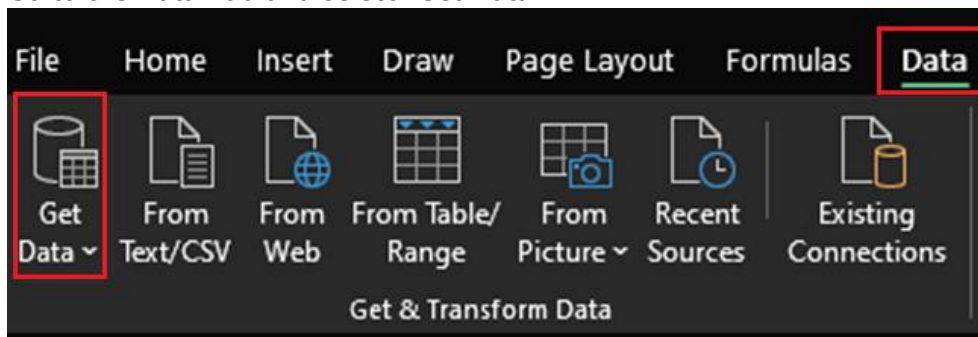


Filter Only
<input type="checkbox"/>

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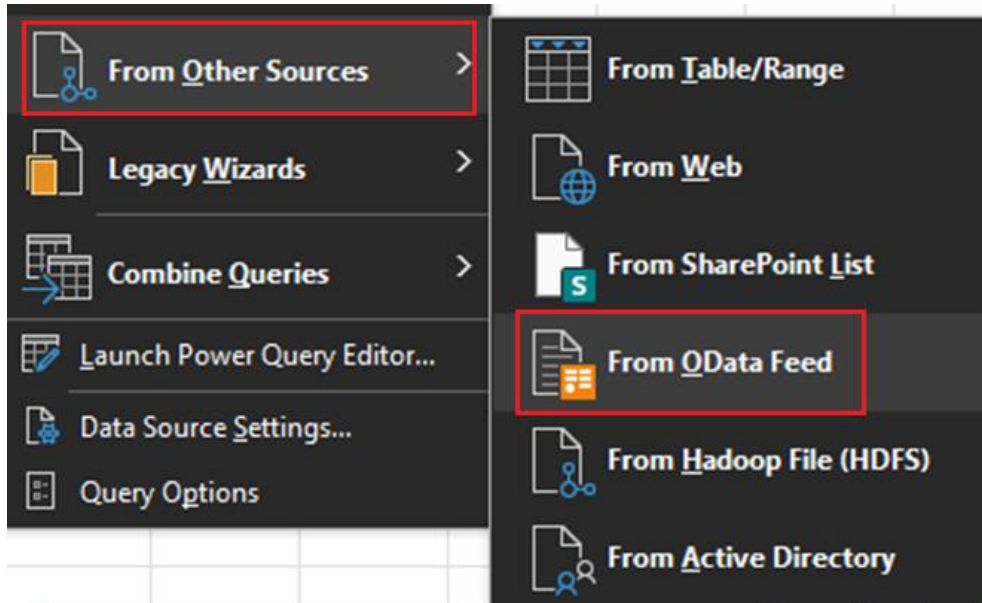
## CONNECT EXCEL

- Connect Excel
  - Open a new worksheet in Excel
  - Go to the Data Tab and select "Get Data"

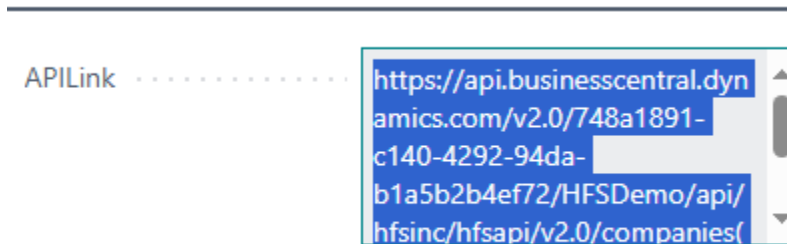




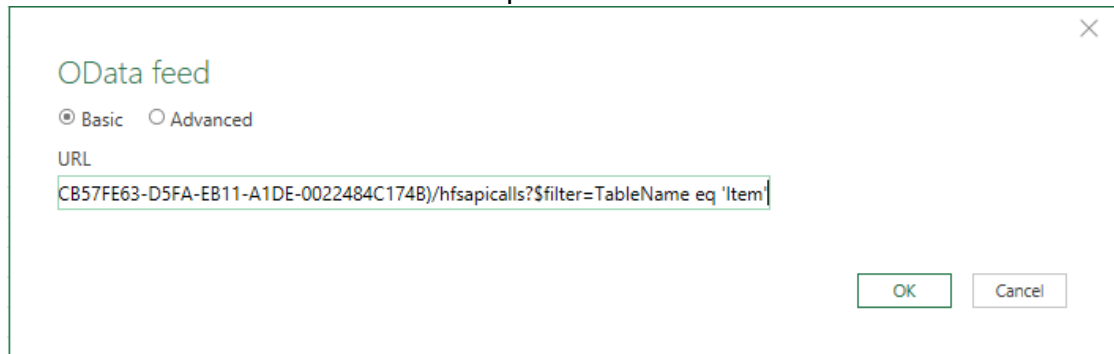
- Select "From OData Feed"



- Copy the API Link from the BC GatewayTableCard



- Paste the value in the OData URL and press OK

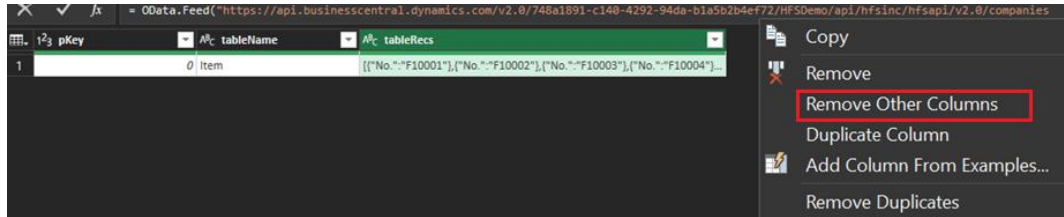
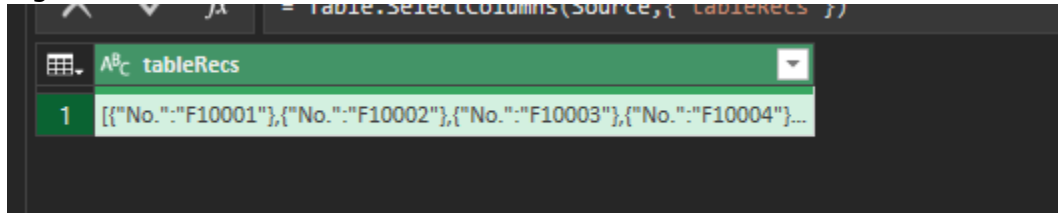


- Note: It may require you to enter your M365 credentials if Excel is not already connected

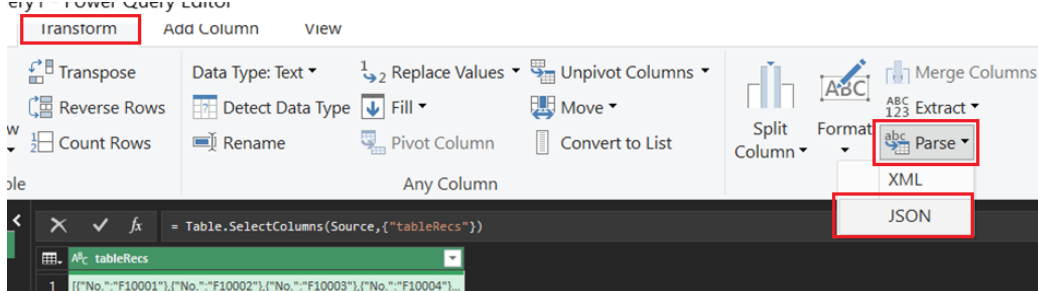
- Select Transform Data



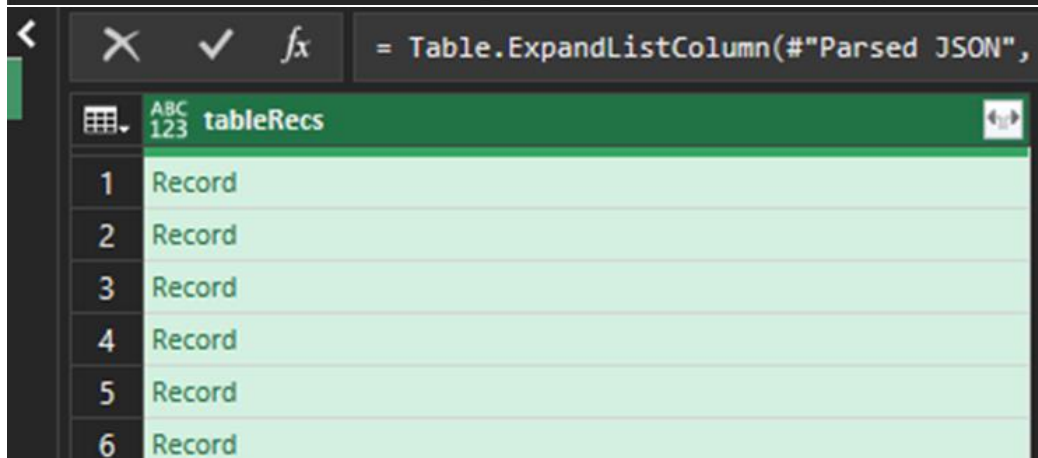
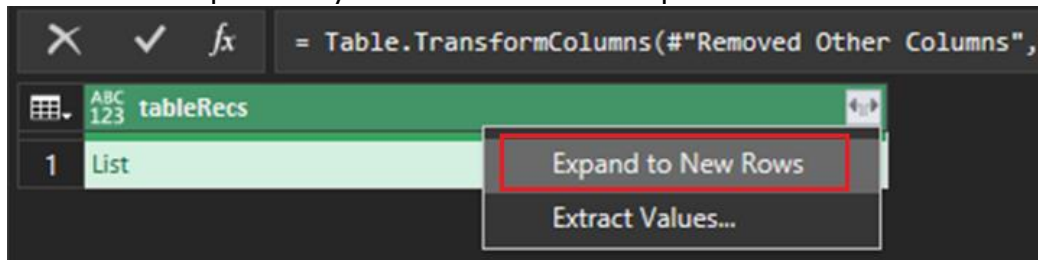
- Right click on the tableRecs column and select Remove Other Columns



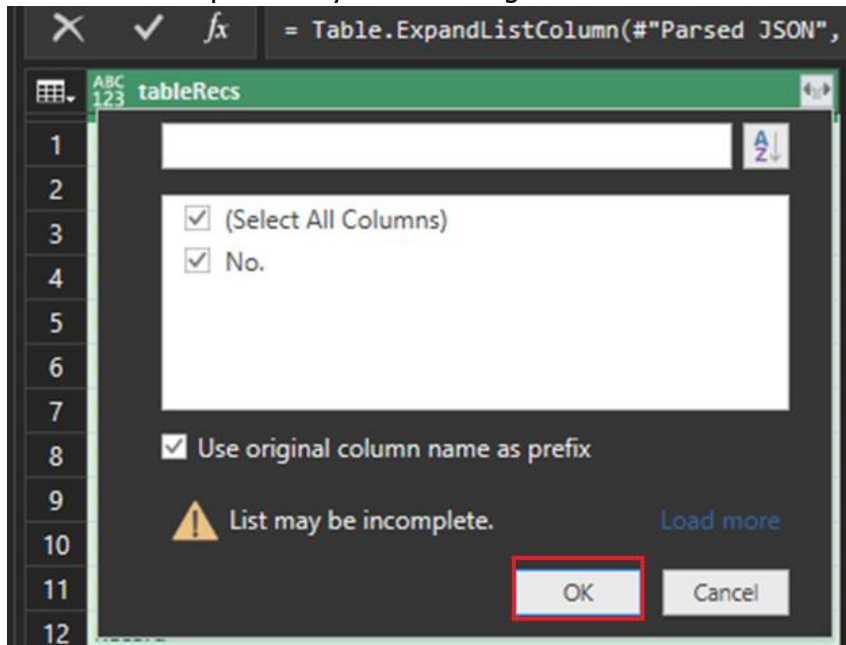
- Under the Transform tab, select Parse and JSON



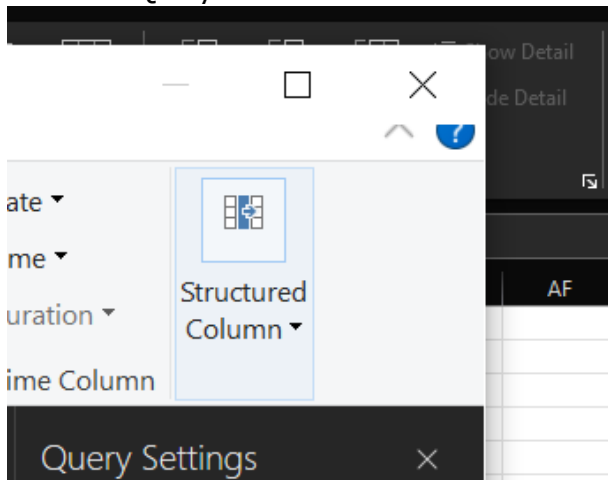
- Click on the drop-down by tableRecs and select Expand to New Rows



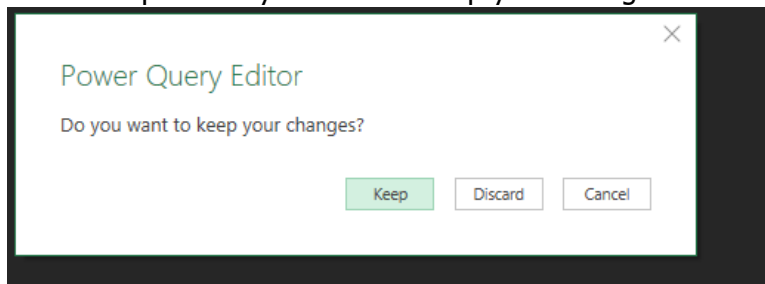
- Click on the drop down by tableRecs again and select OK



- Close the Query box



- Select Keep to "Do you want to keep your changes?"



- There may be a wait for the table to load depending on the amount of data