



When a row is added, modified or deleted

Parameters Settings Code View About

Change Type *
Added or Modified or Deleted

Table Name *
Contacts

Scope *
Organization **1**

Advanced parameters
Showing 4 of 4 Show all Clear all

Select Columns
firstname, lastname **2**

Filter Rows
firstname eq 'Dani' **3** **4**

Delay Until
2022-03-25T15:00:00Z **5**

Run As
Flow owner **6**

Connected to PAC-DataverseConnector-ef8b4. Change connection reference **7**

1 Scope

Business Unit	Actions are taken on rows owned by anyone in your business unit.
Organization	Actions are taken by anyone within the environment.
Parent: Child business unit	Actions are taken on rows that are owned by anyone in your business unit or a child business unit.
User	Actions are taken on rows owned by you.

3 Filter Rows by column type: The flow triggers if the conditions are met

Column type	Sample
Text Multiple Text	firstname eq 'Dani' description ne null
Number Decimal	age gt 35 rating gt 50.50
Date	birthdate eq 2022-01-15T00:00:00Z
Date & Time	birthdate eq 2022-01-15T18:30:00Z
Lookup	_parentcustomerid_value ne null _parentcustomerid_value eq 79ae8582-84bb-ea11-a812-000d3a8b3ec6
Choice (Yes / No)	credithold eq true credithold ne null
Choice	contacttype eq 842310000 statuscode eq 1
Choices (multi select)	Not available
Currency	creditlimit gt 2000
Autonumber	kco_autonumber ne null
File	Not available
Image	kco_imageid ne null
Formula (Power FX)	kco_citycalculated ne null

5 Delay Until

Delay the flow trigger until a specific UTC time: 2022-03-25T15:00:00Z or *dka_processstartfield*

7 Connected to

Select an existing connection reference or create a new one.
To configure a service principal: <https://powerplatformuniverse.com/power-automate/use-a-service-principal-to-run-dataverse-actions-in-power-automate/>

2 Select Columns: The flow triggers if any of them are modified

Column type	Description	Sample
Text, Multiple Text Number, Date & Time, Lookup, Choices, Currency, Autonumber, File	Comma-separated list of column logical names.	firstname, lastname, parentcustomerid, dka_custom,
Image	Does not trigger the flow if you specify the column logical name. To trigger the flow, you must add "id" at the end of the field logical name.	If the column is called <i>kco_image</i> , you must specify <i>kco_imageid</i> to trigger the flow.
Formula (Power FX)	Does not trigger the flow.	

4 Filter Rows - Operators
<https://learn.microsoft.com/en-us/power-apps/developer/data-platform/webapi/query/filter-rows>

Operator	Description	Sample
eq ne	Equal, Not Equal	firstname eq 'Dani' firstname ne null
gt ge lt le	Greater than, Greater than or equal, Less than, Less than or equal	age gt 35 age ge 35 age lt 35 age le 35
and or not	And, Or, Negation	firstname eq 'Dani' and age gt 35 firstname eq 'Dani' or age gt 35 not contains(firstname, 'Dani')
()	Grouping	(firstname eq 'Dani' or firstname eq 'Kahil') and revenue gt 5000
contains endswith startswith	String contains String ends with String starts with	contains(firstname, 'Dani') endswith(firstname, 'ani') startswith(firstname, 'Dan')

6 Scope

Flow owner	Default. The user who created the flow
Modifying user	Actions are taken by anyone within the environment.
Row owner	Actions are taken on rows that are owned by anyone in your business unit or a child business unit.

List rows

2 Select Columns: `firstname, lastname`

3 Filter Rows: `firstname eq 'Dani'`

4 Filter Rows: `firstname eq 'Dani'`

8 Sort By: `firstname desc`

9 Fetch Xml Query: `<fetch version="1.0" output-format="xml-platform" mapping="...">`

10 Row Count: `10`

11 Expand Query: `parentcustomerid_contact($select=fullname)`

Get a row by ID

12 Row ID: `80ac35a0-01af-ea11-a812-000d3a8b3ec6`

11 Expand Query: `parentcustomerid_contact($select=fullname)`

8 Sort By
Use the column and the *asc* or *desc* suffix to indicate ascending or descending order.

9 Fetch Xml Query: Use a Dataverse-style FetchXML query.
Use Advanced Find in a Model Driven Power App to create and download the FetchXML.

Or Use the [FetchXML Builder](#) to create the Fetch XML Query.

10 Row Count
Limit the number of rows to be listed

11 Expand Query
Use Expand Query to retrieve data from a related (lookup) table.
Ex: `parentcustomerid_contact($select=fullname)`

12 Row ID
Row's globally unique identifier (GUID)
Ex: `80ac35a0-01af-ea11-a812-000d3a8b3ec6` or Contact x

Add a new row

Add a new row

Parameters Settings Code view Testing About

Table Name *
Contacts

Last Name *
Dani

Address 1: City
Type the city for the primary address.

Address 1: Street 1

13

Update a row

Update a row

Parameters Settings Code view Testing About

Table Name *
Contacts

Row ID *
80ac35a0-01af-ea11-a812-00d...c6

Address 1: City
Brisbane

12

13

Relate rows

Relate rows

Parameters Settings Code view Testing About

Table Name *
accounts

Row ID *
80ac35a0-01af-ea11-a812-00d...c6

Relationship *
contact_customer_accounts

Relate With *
OData Id x

12

15

16

Unrelate rows

Unrelate rows

Parameters Settings Code view Testing About

Table Name *
Accounts

Row ID *
80ac35a0-01af-ea11-a812-00d...c6

Relationship *
Choose relationship type

Unrelate With *
https://org0.crm.dynamics.com/api/data/v9.0/faxes(3ce6c728-3c8a-4b55-a4ee-a251b253c3ee)

12

15

16

Add a new row - Activity Party

*Table name Email Messages

Activity Party Attribute Name - 1
To

Activity Party Attribute Value - 1
contacts(Contact x)

+ Add new item

14

Make sure to use the **OLD DESIGNER** when working with Activity Party

14 Activity Party Attribute Value

Lookup to the Party. Ex: `Contacts(00f291c1-7479-ec11-8d21-000d3a554ca0)`

15 Relationship

Choose an existing **many-to-many** relationship

16 Relate With or Unrelate With

Enter the row URL using OData ID from a previous step: OData Id x

OR

Type the full URL:
`https://org0.crm.dynamics.com/api/data/v9.0/faxes(3ce6c728-3c8a-4b55-a4ee-a251b253c3ee)`

13 Add or Update the column values

Column type	Sample
Text Multiple Text	<i>This is some sample text</i>
Number Decimal	35 50.50
Date	2024-01-15T00:00:00Z
Date & Time	2022-01-15T18:30:00Z
Lookup	Contacts(00f291c1-7479-ec11-8d21-000d3a554ca0) OR Dynamic content Expression Company Name (Table Name) x Company Name (Table Name) x Company Name (Type) x Company Name (Type) x Company Name (Value) x Company Name (Value) x
Choice (Yes / No)	Select an option or <code>true</code> x
Choice	Select an option or <code>509180000</code>
Choices (multi select)	Select an option or <code>509180000,509180001,509180006</code>
Currency	2000
File	Use the Upload a file or an image action instead
Image	Convert any image to <code>base64(...)</code> x

References

- FetchXML Builder by [Jonas Rapp](#)
- Use a Service Principal to run Dataverse actions in Power Automate by [Daniel Ciećkiewicz](#)
- Filter rows using Odata on [Microsoft Learn](#)
- Overview of how to integrate Power Automate flows with Dataverse on [Microsoft Learn](#)