

# 3.9 Cycle Rows

This action allows you to cycle and then dynamically manage the rows of a table field or a product block.

NOTE: If there is no product block or table field in the main entity involved in the process and its related modules, the action will not be visible in the list of actions selectable via the "New Action" button.

For details on how to use the fields of the product block or the cycled table field within processes (e.g. value "Current") we recommend you refer to chapter 10.1 of the process manual.

For each cycled row, one of the following operations can be carried out:

## Send email

Allows you to send an email for each row that meets the conditions set in the "field conditions" section. (Figure 1)

To consider all the rows, just leave that section unfilled.

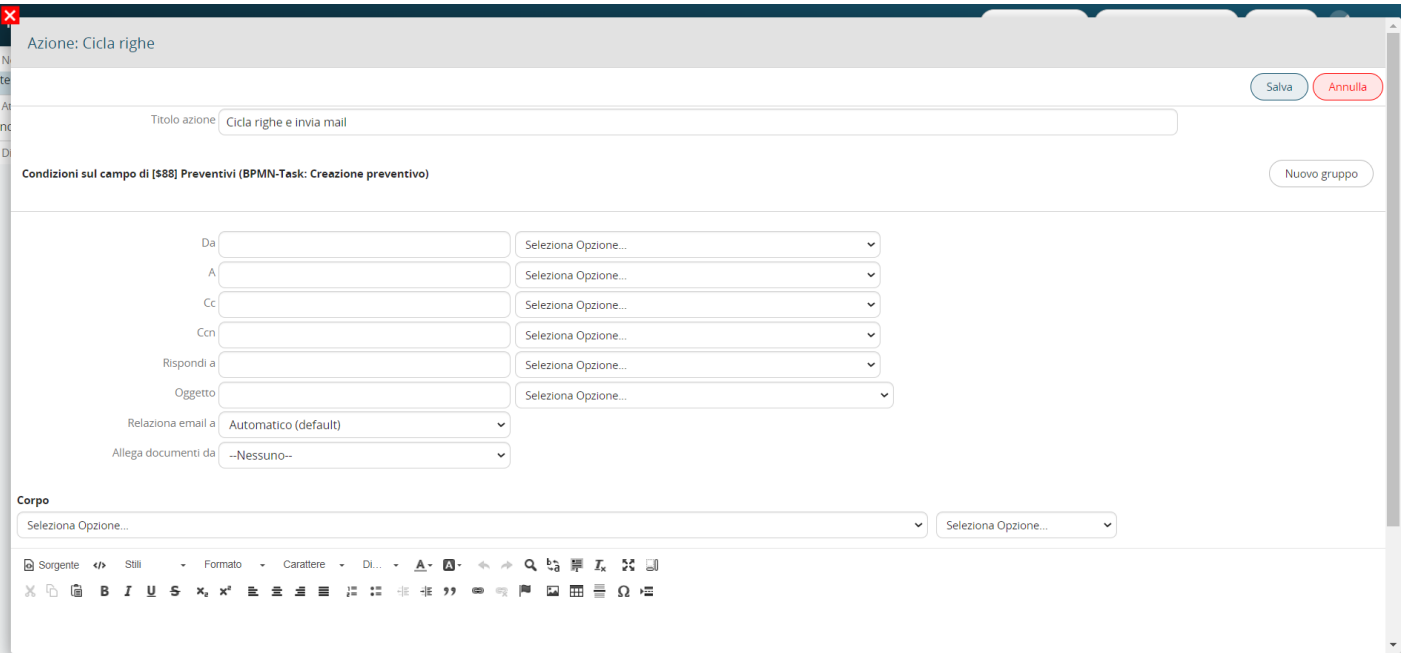


Figure 1

## Create entity

Allows you to create an entity of any module (standard or custom) for each row that meets the conditions set in the "Field conditions" section. (Figure 2)

To consider all the rows, just leave that section unfilled.

The screenshot shows a configuration window titled "Azione: Cicla righe". At the top right are "Salva" and "Annulla" buttons. Below the title bar is a "Titolo azione" field containing "Cicla righe e crea entità". Underneath is a section "Condizioni sul campo di [588] Preventivi (BPMN-Task: Creazione preventivo)" with a "Nuovo gruppo" button. The main area features a "Modulo" dropdown menu. The menu is open, showing a list of modules: "--Nessuno--", "Azienda", "Campagna", "Cartella", "Collaboratore", "Commessa", "Compito", "Contatto", "Ddt", "Evento", "Fattura", "Fornitore", "Grafico", "Installazione", "Intervento", "Lead", "Linea di prodotto", "Listino", "Newsletter", and "Nota". The "--Nessuno--" option is currently selected and highlighted in blue.

Figure 2

## Update entity

Allows you to update an entity involved in the process for each row that meets the conditions set in the "Field conditions" section. (Figure 3)

To consider all the rows, just leave that section unfilled.

The screenshot shows the same configuration window "Azione: Cicla righe". The "Titolo azione" field now contains "Cicla righe e aggiorna entità". The "Condizioni sul campo di [591] Preventivi (BPMN-Task: Creazione preventivo)" section remains. The main area features an "Entita'" dropdown menu. The menu is open, showing a list of entities: "--Prego Selezionare--", "--Prego Selezionare--", "[591] Preventivi (BPMN-Task: Creazione preventivo)", "ID", "Nome Opportunita'", "Nome Contatto", and "Nome Azienda". The first "--Prego Selezionare--" option is currently selected and highlighted in blue.

Figure 3

## Send notification

Allows you to send a notification for each row that meets the conditions set in the "Field conditions" section. (Figure 4)

To consider all the rows, just leave that section unfilled.

Figure 4

Insert table row

It allows to insert a row in a table field present in the entities involved in processes or in the form of process helpers for each row that meets the conditions set in the "Field conditions" section. (Figures 5, 6 and 7)

To consider all the rows, just leave that section unfilled.

Figure 5

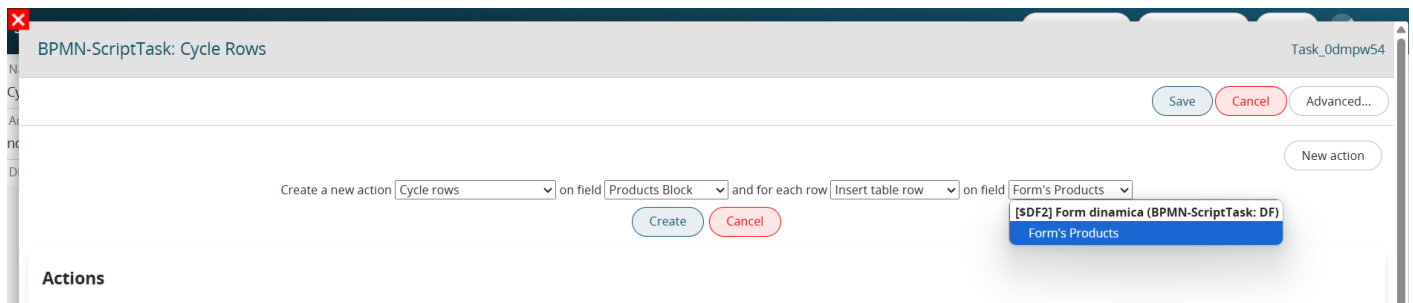


Figure 6

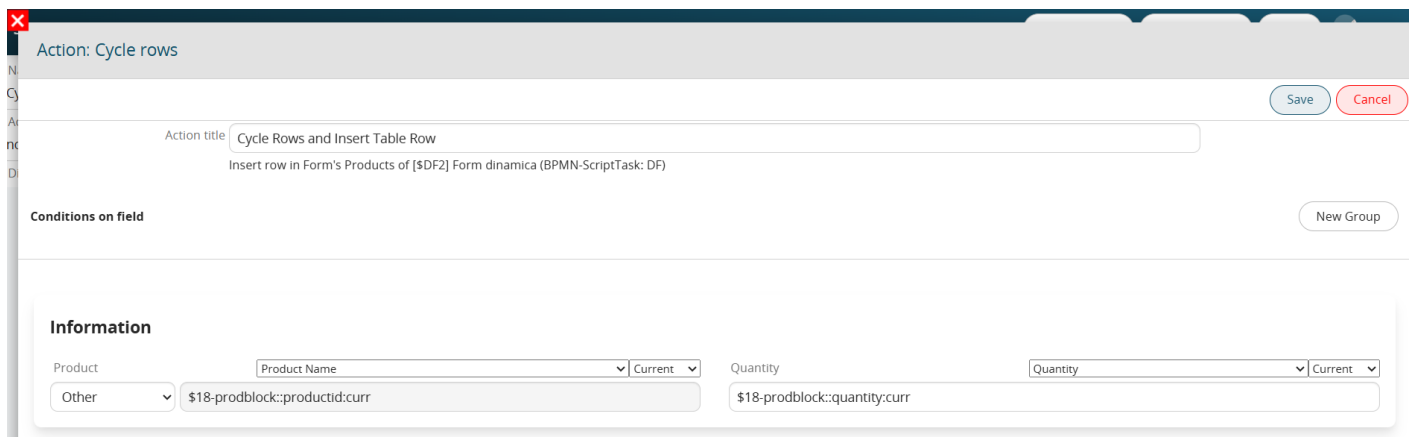


Figure 7

## Insert product row

Insert a row in a product block present in the entities involved in the processes for each row that meets the conditions set in the "Field conditions" section. (Figures 8, 9 and 10)  
To consider all the rows, just leave that section unfilled.

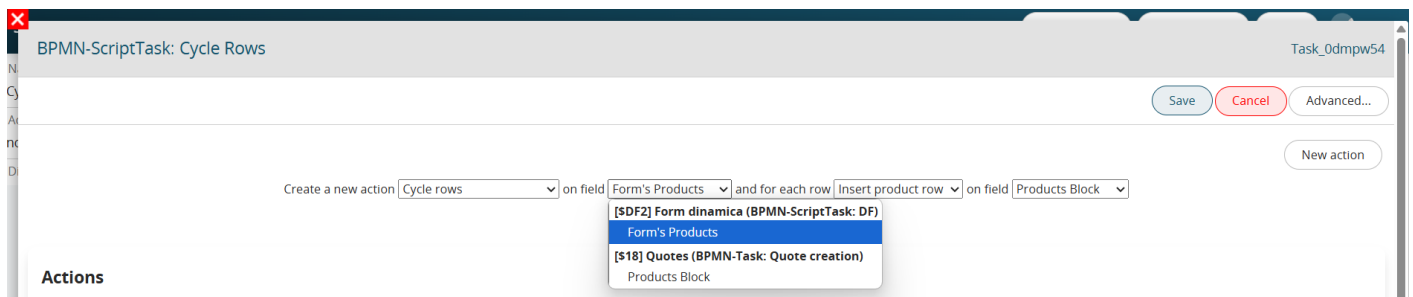


Figure 8

**BPMN-ScriptTask: Cycle Rows** Task\_Odmprw54

Save Cancel Advanced...

Create a new action Cycle rows on field Form's Products and for each row Insert product row on field Products Block

Create Cancel

**[18] Quotes (BPMN-Task: Quote creation)**  
Products Block

Actions

Figure 9

**Action: Cycle rows** Save Cancel

Action title Cycle Rows and Insert Product Row

Insert row in Products Block of [18] Quotes (BPMN-Task: Quote creation)

Conditions on field Form's Products of [SDF2] Form dinamica (BPMN-ScriptTask: DF) New Group

**Item Details**

Product Name Form's Products: Product Current

Other \$DF2-vcf\_2::vcf\_3:curr

Description Select Option...

Comments Select Option... Quantity Form's Products: Quantity Current

\$DF2-vcf\_2::vcf\_4:curr

Figure 10

## Delete product row

Allows you to delete a row in a product block present in the entities involved in the processes for each row that meets the conditions set in the "Field conditions" section. (Figure 11)

To consider all the rows, just leave that section unfilled.

NB: This option will only be present if you are cycling the rows of a block products.

**Action: Cycle rows** Save Cancel

Action title Cycle Rows and Delete Product Row

Conditions on field New Group

Delete the rows that satisfy the condition. If there is not the condition all rows will be deleted.

Figure 11

## Delete table row

It allows to delete a row in a table field present in the entities involved in processes or in the forms of process helpers for each row that meets the conditions set in the "Conditions on the field" section. To consider all the rows, just leave that section unfilled. (Figure 12)

NB: This option will only be present if you are cycling the rows of a table field.

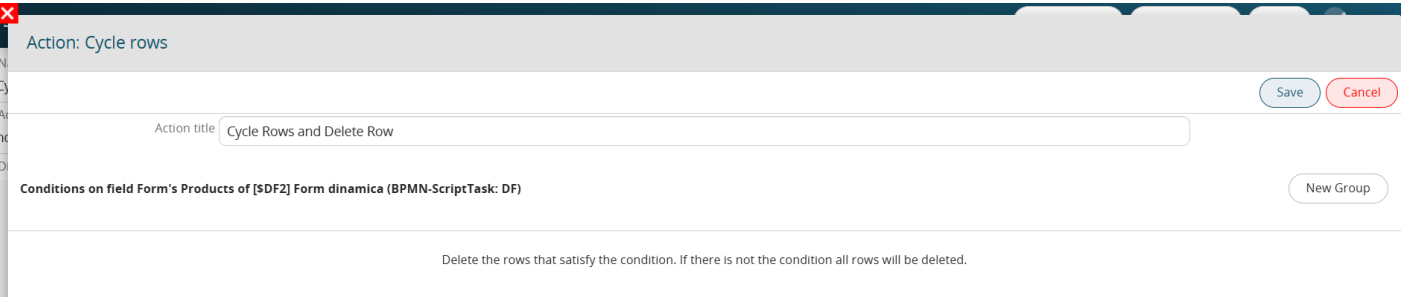


Figure 12

## Function SDK

It allows to execute an SDK function of type Action for each row that meets the conditions set in the "Field conditions" section. (Figure 13 and 14)

N.B: this feature is only available from version 25.02 onwards.

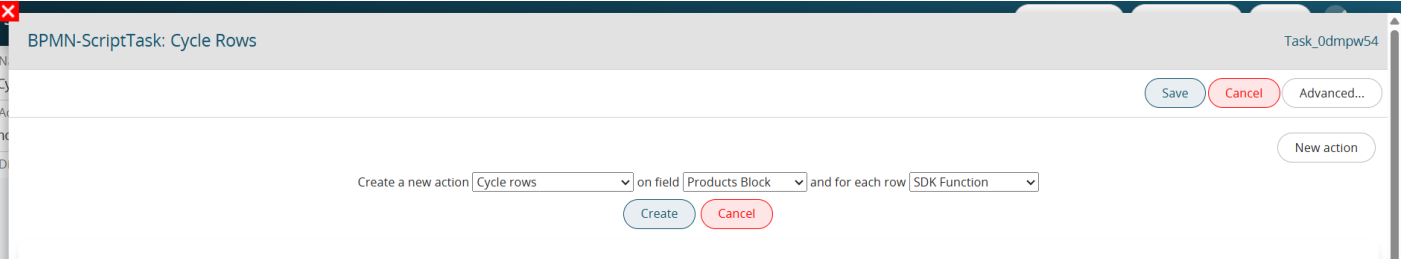


Figure 13

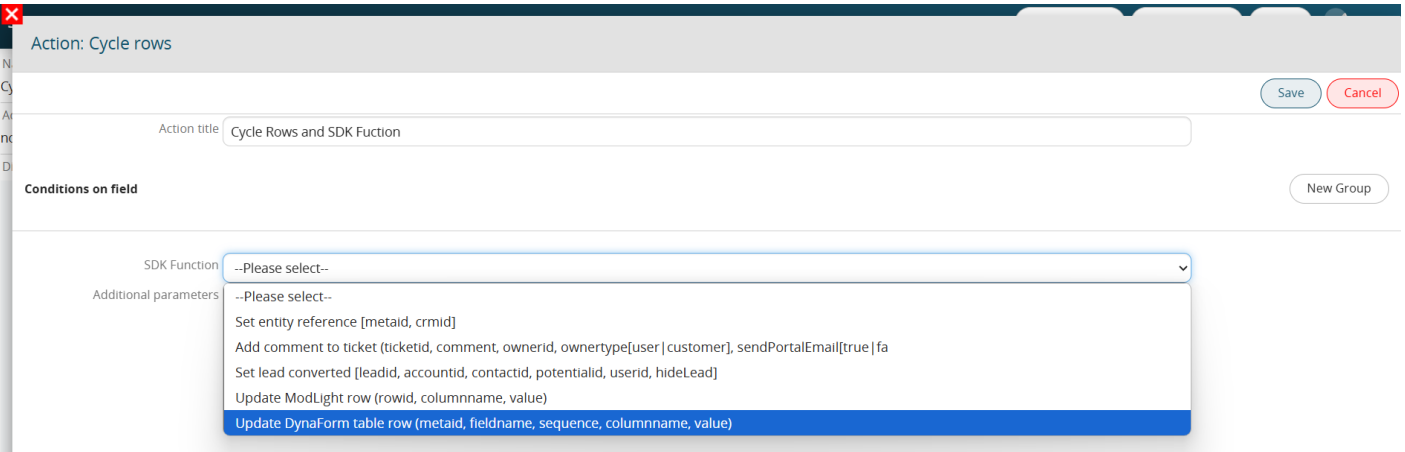


Figure 14

