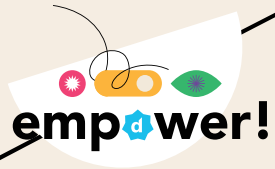


Welcome



[YOUR TRAINER THIS SESSION]

Product Owner
at
Data Exploration



Sebastiaan
Dumoulein

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Leveraging
input — controls 

 in LCA



Agenda

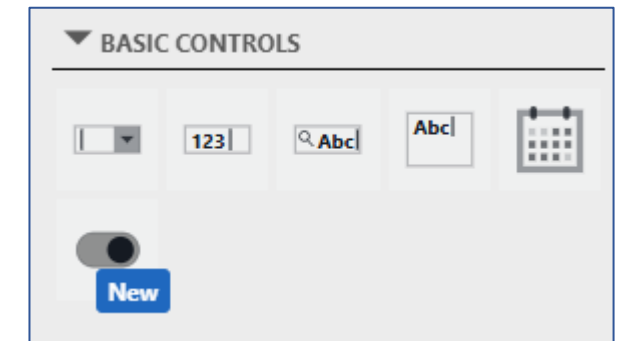
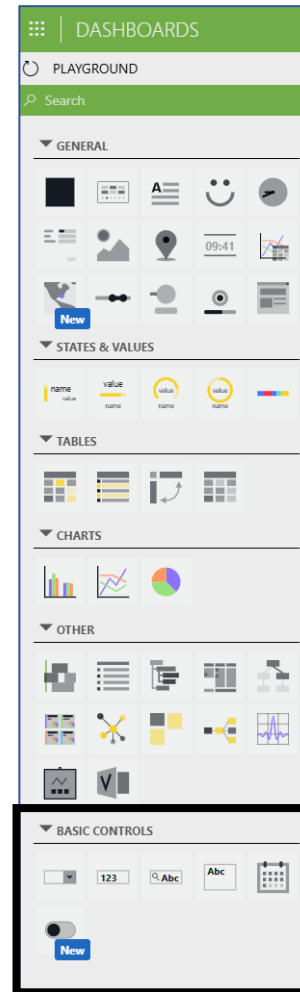
All tracks

1. What are controls?
2. Which ones do we have?
3. Common ground
4. Control specifics
5. Actions
6. Exercises

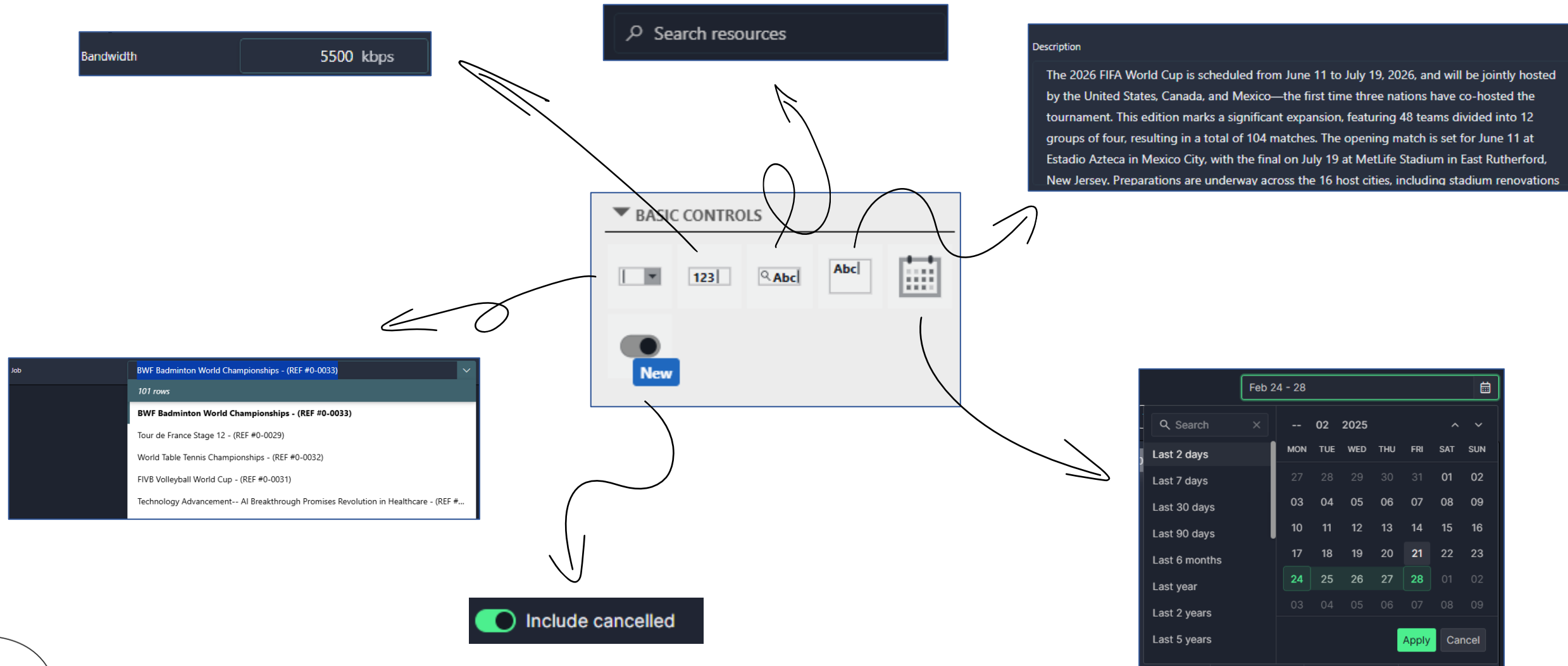


What are controls?

- Primitive building blocks
- DataMiner-agnostic
- Accepts and provides data
- Typically used as a data source for other functionality



Which ones do we have?



Common ground

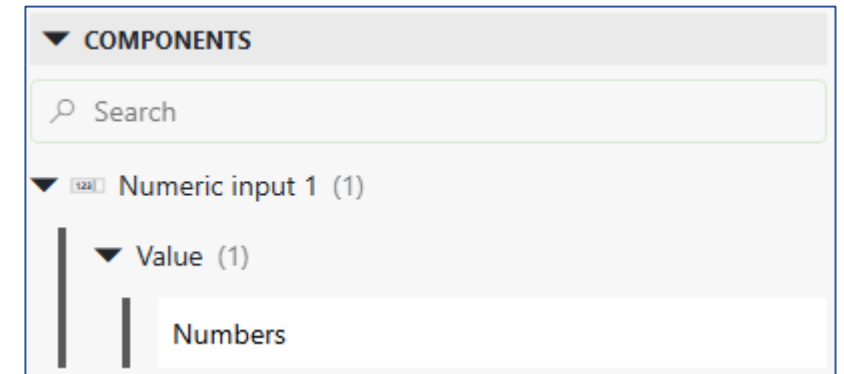
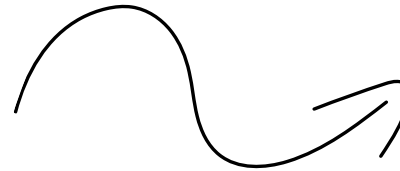
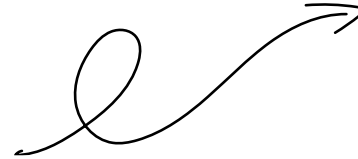
Data

- **Input data:**

- The data accepted by the control, used to set an initial value or update an existing one.
- When the input data changes, the control updates accordingly.

- **Output data:**

- The data generated by the control, available for use in your app.
- It can be accessed in the *Components* data section and used by other functionality.



Visual options

- Label

Find

☒ Inline

Placeholder

'Olympics', 'World cup',

Icon



Search

Common ground

Functional options

- **Emit value on:**
 - **Enter:** When the user presses *Enter* or *Return* on their keyboard
 - **Focus lost:** When the control loses focus
 - **Value change:** Immediately when the value changes
- **Default value:** The initial value displayed in the control

Emit value on

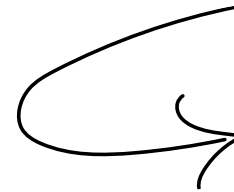
☒ Enter

☒ Focus lost

☐ Value change

Default value

100



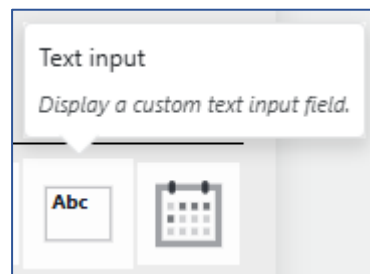
Capacity

100 %

Control specifics

Text input

- **Input data:** Text
- **Output data:** Text
- **Unique behavior:**
 - **Multiline:** Expands the control to match the component's height, allowing users to view more text. Typically used for descriptive inputs.



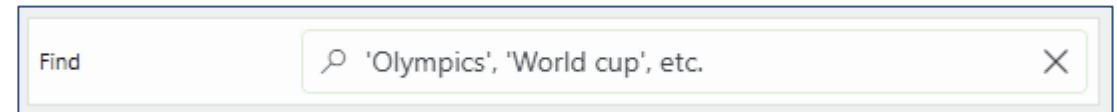
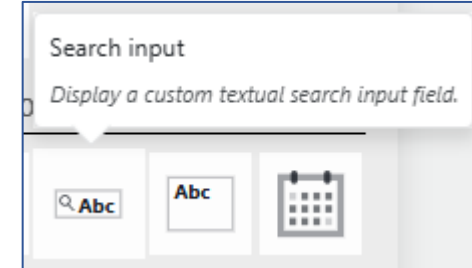
Description

The 2026 FIFA World Cup is scheduled from June 11 to July 19, 2026, and will be jointly hosted by the United States, Canada, and Mexico—the first time three nations have co-hosted the tournament. This edition marks a significant expansion, featuring 48 teams divided into 12 groups of four, resulting in a total of 104 matches. The opening match is set for June 11 at Estadio Azteca in Mexico City, with the final on July 19 at MetLife Stadium in East Rutherford,

Control specifics

Search input

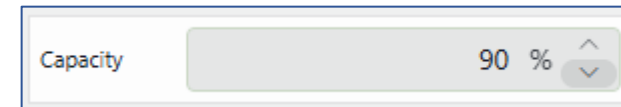
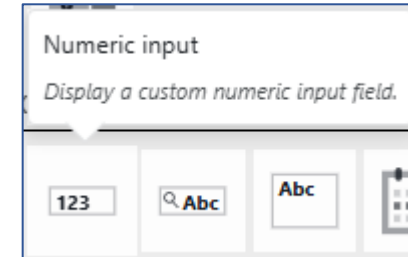
- **Input data:** Text
- **Output data:** Text
- **Unique behavior:**
 - **Clearable:** Allows users to easily clear the search term by clicking the cross on the right-hand side.



Control specifics

Numeric input

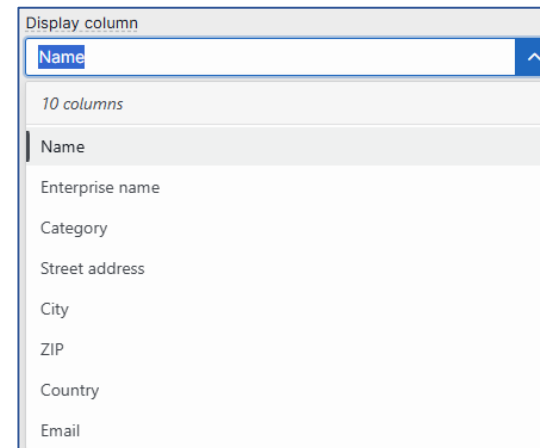
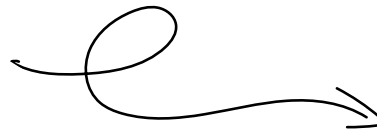
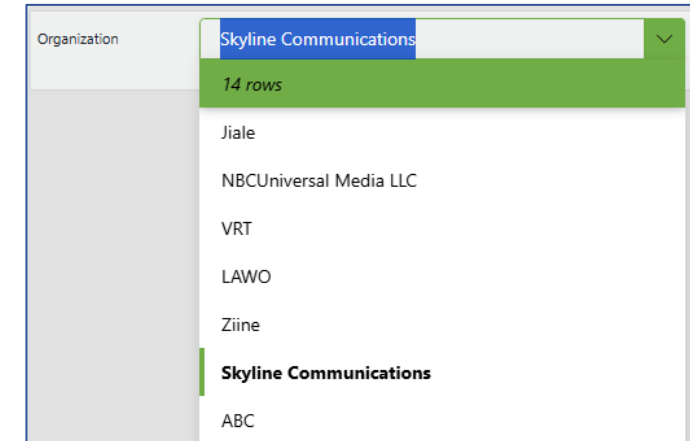
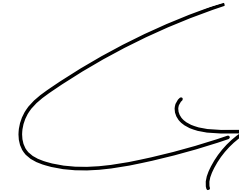
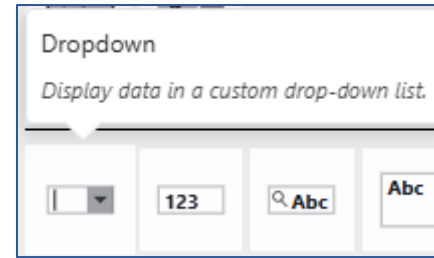
- **Input data:** Number
- **Output data:** Number
- **Options:**
 - **Unit:** The unit added to the value in the control
 - **Step size:** The minimum change allowed to the value
 - **Number of decimals:** Configures the precision of the value
 - **Minimum/Maximum:** Specifies the boundaries for the value



Control specifics

Dropdown input

- **Input data:** Elements, Services, Queries, Tables, ...
- **Output data:** Data type that is provided as input
- **Options:**
 - **Select first item by default:** Determines if the initial value of the dropdown is empty or not
 - **Allow clearing the selection:** Show or hides a cross that allows clearing the selection easily
 - **Display column:** Determine which column of your table or GQL result should be shown in the dropdown





EXERCISE

Let's try it out

🔍 App Inputs in Low-Code Apps

Browse catalog



dataminer

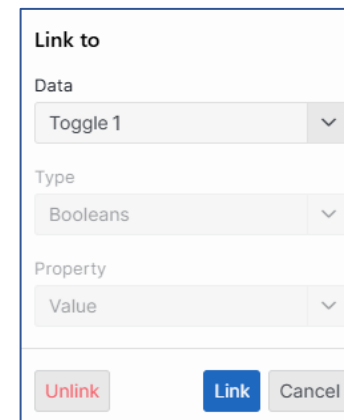
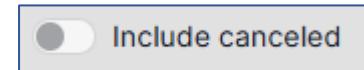
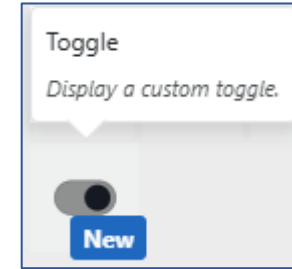


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Control specifics

Toggle input

- **Input data:** Boolean
- **Output data:** Boolean
- Seamless Integration with **GQI Queries:**
 - Link the toggle button to a Boolean argument in an ad hoc data source
 - Link the toggle button to a filter operator on a Boolean column



10.5.3

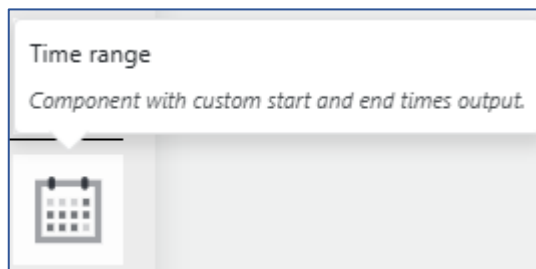
10.4.0 CU12



Control specifics

Time range input

- **Input data:** Timespan
- **Output data:** Timespan



The screenshot shows a time range input control. At the top, there is a text field containing 'Feb 26 00:00 - 12:28' and a small calendar icon. Below the text field, there are four buttons: 'Last 15 minutes', 'Last hour', 'Last 24 hours', and 'Last 7 days'.

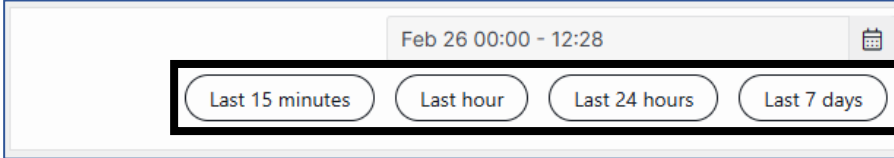
The screenshot shows a date picker calendar. On the left, there is a list of time ranges: 'Last 2 days', 'Last 7 days', 'Last 30 days', 'Last 90 days', 'Last 6 months', 'Last year', 'Last 2 years', and 'Last 5 years'. On the right, there is a calendar grid for February 2025. The date '26' is highlighted in green. At the bottom right, there are 'Apply' and 'Cancel' buttons.

-- 02 2025						
MON	TUE	WED	THU	FRI	SAT	SUN
27	28	29	30	31	01	02
03	04	05	06	07	08	09
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	01	02
03	04	05	06	07	08	09

Control specifics

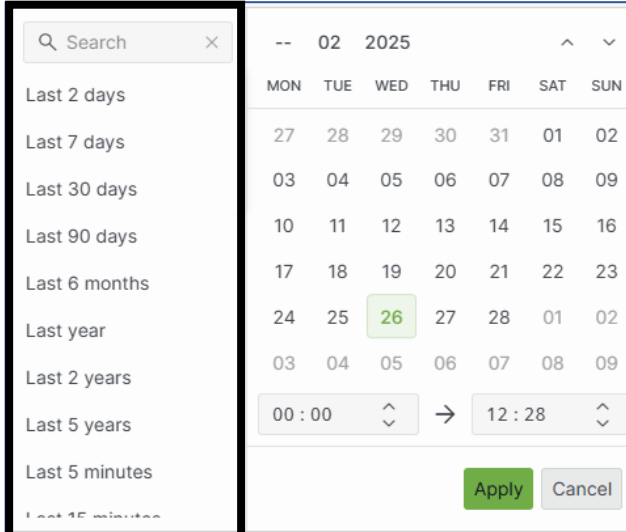
Time range input

- **Layout options:**
 - **Use quick picks:** Enables quick picks that are shown below the time range input.
 - **Pinning as quick pick:** Allows pinning a range as a quick pick
 - **Presets:** Allows defining which time ranges become available in the popup.
- And much more



A screenshot of a time range input control. At the top, a text field displays "Feb 26 00:00 - 12:28" with a calendar icon to its right. Below this, a row of four rounded rectangular buttons is highlighted with a black border. The buttons are labeled "Last 15 minutes", "Last hour", "Last 24 hours", and "Last 7 days".

Quick picks



A screenshot of a time range input control showing a presets popup. The popup is divided into two main sections. On the left, a list of preset time ranges is shown, with "Last 15 minutes" at the bottom. On the right, a calendar grid for February 2025 is displayed, with the 26th highlighted in green. Below the calendar, there are time selection controls showing "00 : 00" and "12 : 28" with up/down arrows. At the bottom right of the popup are "Apply" and "Cancel" buttons.

Presets

Control specifics

Time range input

- **Functional options:**
 - **Granularity:** Determines whether the user needs to fill in a time as well.
 - **Edit using:** Determines whether the time range itself is an input in which the user can type. This allows changing the time range without opening the picker.

Granularity

Date & time

Date

Edit using

Keyboard & calendar

Calendar

10.5.3



10.4.0 CU12





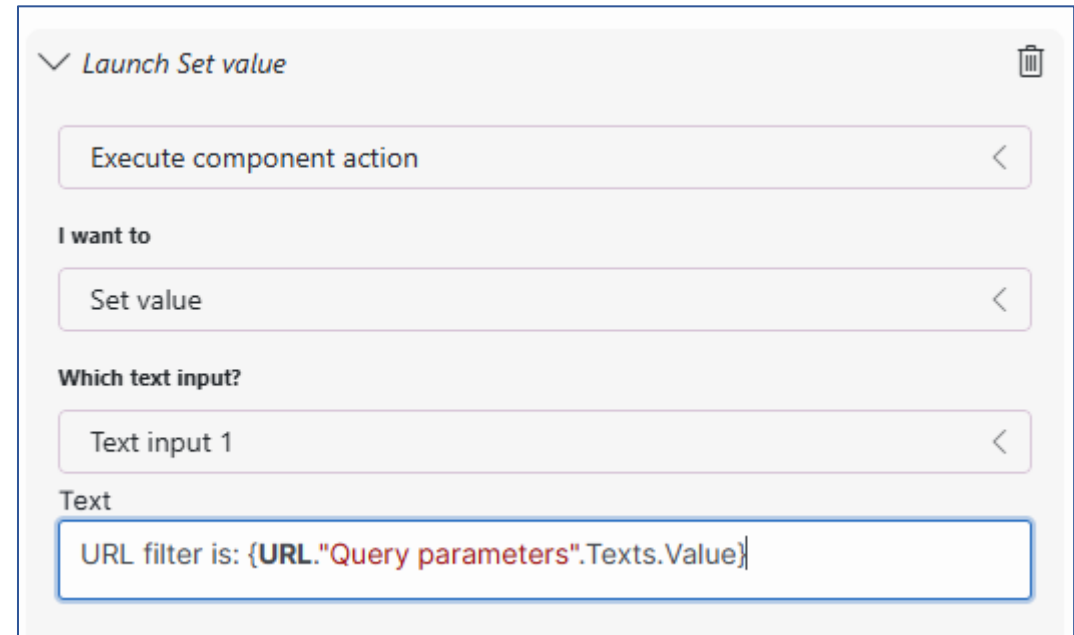
EXERCISE

Let's keep it going

Actions

Set value

- Allows setting the value from outside the component
- Can be triggered on all events
- Component action
- Allows static and/or dynamic values
- Text values allow interpolation



The screenshot shows a configuration panel for a 'Launch Set value' action. It includes a dropdown menu for 'Execute component action', a section 'I want to' with a 'Set value' dropdown, a section 'Which text input?' with a 'Text input 1' dropdown, and a 'Text' input field containing the interpolation string: 'URL filter is: {URL."Query parameters".Texts.Value}'.



EXERCISE

One more time!

[ASK AWAY]



Questions?