Table Operations

The Table Operations Widget is a powerful widget that allows you to edit, create, delete, and append data within a given table. By using row index and filtering properties, the user can call upon a specific row / column, and edit the data contained.

Workflows

When using the Table Operations Widget, it is important to start with an understanding of the different operations you wish to use. This is typically based on the operation applied within the dashboard such as text inputs, adding / removing data, and appending data from a different source. Regardless of how you intent to use this widget, the first step is always to define your source, by binding a table.

Single Value operations are typically handled within the Row Accordion. From here you have various methods of defining which row to look at, such as Move Up or Down a row, Add a Row, or enter a number into Current Row. This will effectively read off the values from that row, and the values will appear under the respective column. You have the option to edit these values by entering a value to a given column, and invoking 'Write'. Additionally, selecting 'Write on Change' will allow you to adjust the cells data the moment the value changes.

The Append Operation is rarely used, however it offers the ability to take a set of data from a separate table, apply a set of filters, followed by appending it to the source table.

The Delete Operation allows you to define either a specific row to delete, or use a filter to select and delete multiple rows. The Table Output available in this accordion will populate with data based on the filter being applied, allowing you to see the set of data that will be deleted. Finally, a Clear All function allows you to clear the entire table in a single invoke.

Properties

Preview	Property	Description
	Table	The Table of Data to Perform Operations On
	SheetId	Specify Which Sheet of the Table to Use
	Rows	Output Property of Row Count in Table

Preview	Property	Description
Row / **ROW** / AddRow ▶ Invoke / Move To First ▶ Invoke / Move Up ▶ Invoke / Move Down ▶ Invoke / Move To Last ▶ Invoke / Current Row: 0 / Column_A: name0 / Column_B: value0 / Read ▶ Invoke / Write ▶ Invoke / ☐ Write On Change	Add Row	Invoke to Add a Row after Current Row
	Move To First	Invoke to Select First Row in Table
	Move Up	Invoke to Select Previous Row in Table
	Move Down	Invoke to Select Next Row in Table
	Move To Last	Invoke to Select Last Row in Table
	Current Row	Specify which Row to Select
	Column Values	A Property will Generate for each Column in the Table. The Value will be that Columns Row Specific Value
	Read	Invoke to Read Values from Table
	Write	Invoke to Write Values to Table
	Write on Change	Toggle whether Changes are Written Immediately
Append / **APPEND** / Append From: Null / SheetId: 0 / Filter / ☐ Use Numeric Filter / Result Set: View / **Destination -> Source** / Append ▶ Invoke	Append From	Specify Table to Append Data From
	SheetId	Specify Which Sheet of the Table to Append From
	Filter	Create a Filter out Data before Appeding
	Use Numeric Filter	Toggle whether a Numeric Filter is used
	Result Set	Output Table of Filtered Data to be Appended
	Append	Invoke to Push Appending Data to Main Table
Delete / **DELETE** / Row Number: 0 / Delete Row ▶ Invoke / Filter / ☐ Use Numeric Filter / Table: View / Delete Set ▶ Invoke / Clear All ▶ Invoke	Row Number	Specify what Row to Delete
	Delete Row	Invoke to Delete Specified Row
	Filter	Create Filter to Delete a Set of Data
	Use Numeric Filter	Specify whether a Numeric Filter is used
	Table	Output Table of Filtered Data to be Deleted
	Delete Set	Invoke to Delete Filtered Set from Main Table
	Clear All	Invoke to Delete All from Main Table

Demo

Sample Video of Widget in Use

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