
Command Reference: ManipulateTableString()

Manipulate string a string column in a table

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The `ManipulateTableString()` command manipulates a string column in a table. For example, it may be necessary to manipulate strings in a table in order to match time series identifier parts, so that lookups can occur.

The input is specified by:

- a table column name (`InputColumn1`)
- either a second input column name (`InputColumn2`) or a constant string value (`InputValue2`)
- optionally, some operators require an additional input value (`InputValue3`)

The result is placed in the output column (`OutputColumn`). Missing/blank input will be considered as empty strings when formatting the output. The output column can be the same as an existing table column.

The following dialog is used to edit the command and illustrates the syntax of the command (in this case illustrating how the contents of column `String2` are prepended to the contents of a column named `String1` and placed in the output column `String3`).

Edit ManipulateTableString() Command

Perform simple manipulation on columns of string data in a table, using one of the following approaches:

- process input from two columns to populate the output column
- process input from a column and a constant to populate the output column

Future enhancements may provide more cell range addressing - currently full columns are processed.

Table ID: Required - table to process.

Input column 1: Required - first input column name.

String operator: Required - string manipulation to perform on input.

Input column 2: Required if no input value 2 - second input column name.

Input value 2: Required if no input column 2 - constant string.

Output column: Required - output column name.

Command:

```
ManipulateTableString(TableID="Table1", InputColumn1="String1", Operator="Prepend", InputColumn2="String2", OutputColumn="String3")
```

ManipulateTableString

ManipulateTableString() Command Editor

The command syntax is as follows:

```
ManipulateTableString (Parameter=Value,...)
```

Command Parameters

Parameter	Description	Default
TableID	The identifier for the table to process.	None – must be specified.
InputColumn1	The name of a column containing strings, as the first input.	None – must be specified.
Operator	The operation to perform on the input strings: <ul style="list-style-type: none"> Append – append the second input to the first input Prepend – prepend the second input before the first input Replace – replace in the second input in the first input, with the third input ToDate – convert the first input to a DateTime object with date precision ToDateTime – convert the first input to a DateTime object ToDouble – convert the first input to a double precision object ToInteger – convert the first input to an integer object 	None – must be specified.
InputColumn2	The name of a column containing strings, as the second input.	Required if a second input value is needed and InputValue2 is not specified.
InputValue2	A string constant, as the second input.	Required if a second input value is needed and InputColumn2 is not specified.
InputValue3	A string constant, as the third input.	Required if a third input value is needed.
OutputColumn	The name of a column to receive the output.	None – must be specified.