Command Reference: ManipulateTableString()

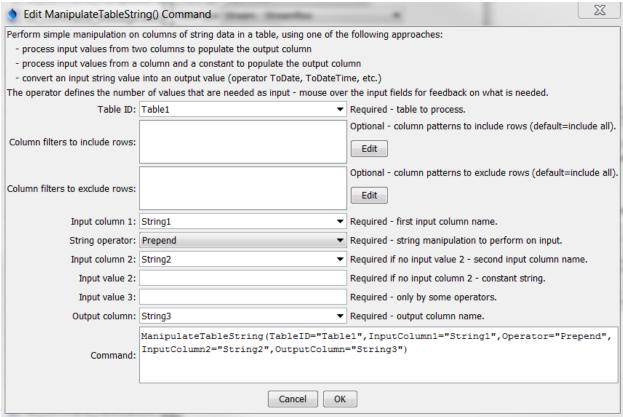
Manipulate string a string column in a table

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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).



ManipulateTableString() Command Editor

ManipulateTableString

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.
Column	Specify values to match to include rows using syntax:	Include all rows.
Include	Column1: Value1, Column2, Value2, where values can use	
Filters	* for wildcard. All values must be matched to include a row.	
Column	Specify values to match exclude rows using syntax:	Include all rows.
Exclude	Column1: Value1, Column2, Value2, where values can use	
Filters	* for wildcard. All values must be matched to exclude a row.	
Input	The name of a column containing strings, as the first input.	None – must be
Column1		specified.
Operator	The operation to perform on the input strings:	None – must be
	• Append – append the second input to the first input (requires	specified.
	2 inputs)	
	• Prepend – prepend the second input before the first input	
	(requires 2 inputs)	
	Replace – start with the first input, replace the substring	
	indicated by the second input with that of the third input	
	(requires 3 inputs)	
	• Substring – split out a substring from the first input,	
	where the second input is the starting character position (1+)	
	and the optional third input is the ending character position	
	(1+) (requires 2 or 3 inputs)	
	• 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	
Input	The name of a column containing strings, as the second input.	Required if a
Column2		second input value
		is needed and
		InputValue2 is
		not specified.
Input	A string constant, as the second input.	Required if a
Value2		second input value
		is needed and
		InputColumn2
Transa t	A string constant on the distriction of	is not specified.
Input Value3	A string constant, as the third input.	Required if a third
values		input value is needed.
011+011+	The name of a column to receive the output	None – must be
Output Column	The name of a column to receive the output.	specified.
COTUINII		specificu.