Command Reference: ManipulateTableString()

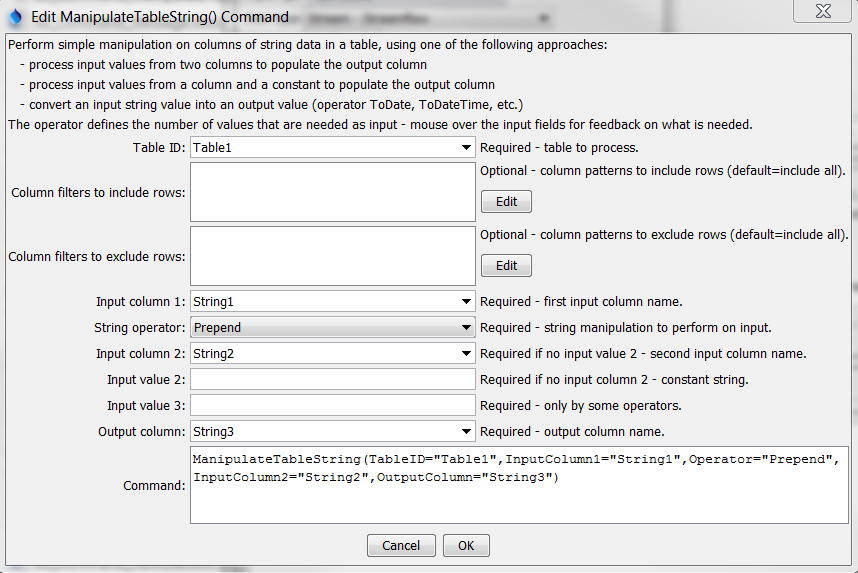
Manipulate string a string column in a table

Version 11.02.00, 2015-05-11

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

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. |
| Column  Include  Filters | Specify values to match to include rows using syntax: Column1:Value1,Column2,Value2, where values can use \* for wildcard. All values must be matched to include a row. | Include all rows. |
| Column  Exclude  Filters | Specify values to match exclude rows using syntax: Column1:Value1,Column2,Value2, where values can use \* for wildcard. All values must be matched to exclude a row. | Include all rows. |
| Input  Column1 | The name of a column containing strings, as the first input. | None – must be specified. |
| Operator | The operation to perform on the input strings:   * Append – append the second input to the first input (requires 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 | None – must be specified. |
| Input  Column2 | The name of a column containing strings, as the second input. | Required if a second input value is needed and InputValue2 is not specified. |
| Input  Value2 | A string constant, as the second input. | Required if a second input value is needed and InputColumn2 is not specified. |
| Input  Value3 | A string constant, as the third input. | Required if a third input value is needed. |
| Output  Column | The name of a column to receive the output. | None – must be specified. |