
Command Reference: SetPropertyFromTable()

Set a processor property using a table value

Version 11.00.00, 2015-02-28

The `SetPropertyFromTable()` command sets the value of a property used by the time series processor, using a table cell value. The property will be available to subsequent commands that support using `${Property}` notation in parameters, for example to specify filenames more dynamically. This command is useful in cases where iteration is processing data from a table using a `For()` command, in which case the property can be used in other commands. Filters are used to match one or more rows. The first matched row is used to set the property.

The following dialog is used to edit this command and illustrates the syntax of the command.

Edit SetPropertyFromTable() Command

This command sets a processor property using a value from a table cell.
This is useful when iteration uses a property value.
Using the filter parameters to match row(s) may result in multiple matches - only the first match is used to set the property.

| | | |
|----------------------------|---|--|
| Table ID: | Table1 | Required - table that provides the property value. |
| Column to supply property: | String2 | Required - name of column that supplies the property value (can use <code>\$(property)</code>). |
| Column include filters: | String:First* | Optional - filter rows to include by matching column filter pattern (default=match all rows). <input type="button" value="Edit"/> |
| Column exclude filters: | | Optional - filter rows to exclude by matching column filter pattern (default=match all rows). <input type="button" value="Edit"/> |
| Property name: | StringProp | Required - property name to set (can use <code>\$(property)</code>). |
| Default value: | | Optional - Default value, <code>\$(property)</code> , Blank, or Null (default=property not set). |
| Command: | <code>SetPropertyFromTable(TableID="Table1", Column="String2", ColumnIncludeFilters="String:First*", Property Name="StringProp")</code> | |

SetPropertyFromTable

SetPropertyFromTable() Command Editor

The command syntax is as follows:

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

Command Parameters

| Parameter | Description | Default |
|-----------------------|--|---------------------------|
| TableID | The identifier for the table. | None – must be specified. |
| Column | The name of the column containing the value that will be used to set the processor property. | None – must be specified. |
| ColumnInclude Filters | Filters that include rows being matched, by matching column values: ColumnIncludeFilter1:FilterPattern1, ColumnIncludeFilter2:FilterPattern2 Patterns can use * to indicate wildcards for matches. Only string values can be checked (other data types are converted to strings for comparison). All patterns must be matched to exclude the row. | All rows are matched. |
| ColumnExclude Filters | Filters that exclude rows being copied, by matching column values: ColumnExcludeFilter1:FilterPattern1, ColumnExcludeFilter2:FilterPattern2 Patterns can use * to indicate wildcards for matches. Only string values can be checked (other data types are converted to strings for comparison). All patterns must be matched to exclude the row. | All rows are matched. |
| PropertyName | The property name to be set. | None – must be specified. |
| DefaultValue | The default value to use if no table cell is matched: <ul style="list-style-type: none"> Blank – to use a blank string Null – to use a null value Specified value to set to a string value. | Property is set to null. |

For example, the above command use with the following table will set StringProp="Abba"

| DateTime | String | Dou... | In... | String2 |
|------------|------------|--------|-------|---------|
| 2000-01-01 | First day | 1.0 | 1 | Abba |
| 2000-01-02 | Second day | 2.0 | 2 | |
| 2000-01-03 | Third day | 3.0 | 3 | Zumba |
| 2000-01-04 | Fourth day | 4.0 | 4 | Doh |
| 2000-01-05 | Fifth day | 5.0 | 5 | argh |
| 2000-01-06 | Sixth day | 6.0 | 6 | meh |