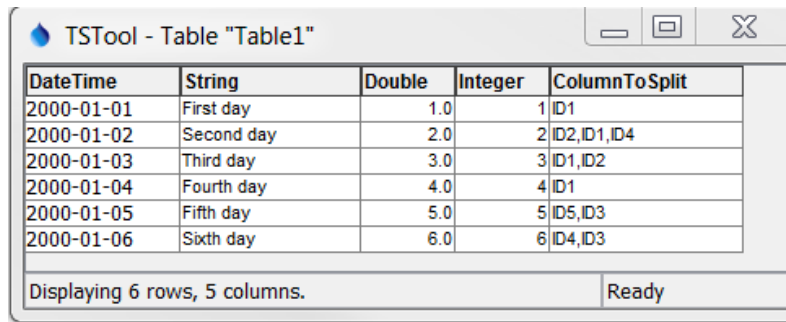


Command Reference: SplitTableColumn()

Split a table column into multiple columns

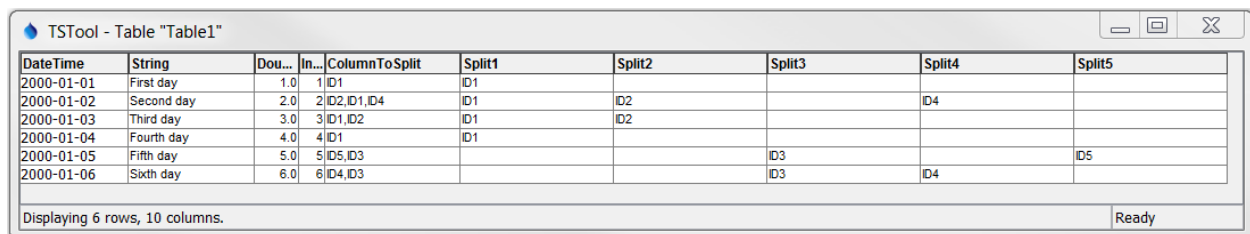
Version 11.00.00, 2015-02-07

The `SplitTableColumn()` command splits a string (text) column in a table into multiple columns. Currently the only delimited string values can be split. For example, the **ColumnToSplit** column in the table shown in the following example can be split to produce the result in the second figure. Several options for splitting are available.



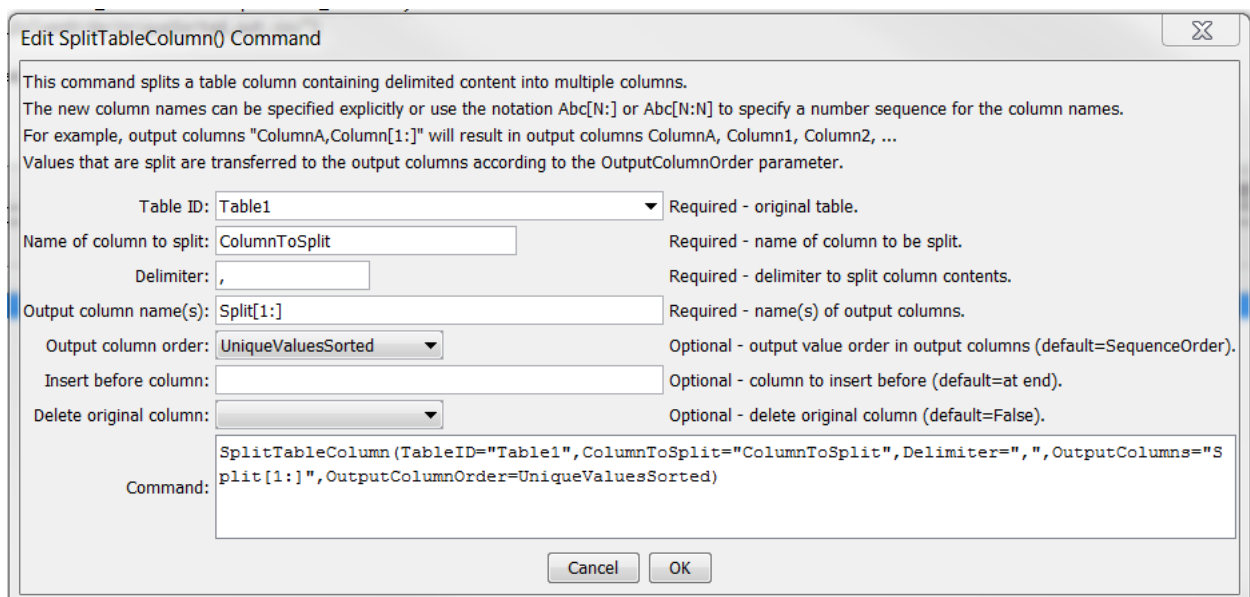
DateTime	String	Double	Integer	ColumnToSplit
2000-01-01	First day	1.0	1	ID1
2000-01-02	Second day	2.0	2	ID2,ID1,ID4
2000-01-03	Third day	3.0	3	ID1,ID2
2000-01-04	Fourth day	4.0	4	ID1
2000-01-05	Fifth day	5.0	5	ID5,ID3
2000-01-06	Sixth day	6.0	6	ID4,ID3

SplitTableColumn_Table1a



DateTime	String	Dou...	In...	ColumnToSplit	Split1	Split2	Split3	Split4	Split5
2000-01-01	First day	1.0	1	ID1	ID1				
2000-01-02	Second day	2.0	2	ID2,ID1,ID4	ID1	ID2		ID4	
2000-01-03	Third day	3.0	3	ID1,ID2	ID1	ID2			
2000-01-04	Fourth day	4.0	4	ID1	ID1				
2000-01-05	Fifth day	5.0	5	ID5,ID3			ID3		ID5
2000-01-06	Sixth day	6.0	6	ID4,ID3			ID3	ID4	

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



Edit SplitTableColumn() Command

This command splits a table column containing delimited content into multiple columns.
The new column names can be specified explicitly or use the notation `Abc[N:]` or `Abc[N:N]` to specify a number sequence for the column names.
For example, output columns "ColumnA,Column[1:]" will result in output columns ColumnA, Column1, Column2, ...
Values that are split are transferred to the output columns according to the OutputColumnOrder parameter.

Table ID: Required - original table.

Name of column to split: Required - name of column to be split.

Delimiter: Required - delimiter to split column contents.

Output column name(s): Required - name(s) of output columns.

Output column order: Optional - output value order in output columns (default=SequenceOrder).

Insert before column: Optional - column to insert before (default=at end).

Delete original column: Optional - delete original column (default=False).

Command:
`SplitTableColumn(TableID="Table1",ColumnToSplit="ColumnToSplit",Delimiter=",",OutputColumns="Split[1:]",OutputColumnOrder=UniqueValuesSorted)`

SplitTableColumn

SplitTableColumn() Command Editor

The command syntax is as follows:

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

Command Parameters

Parameter	Description	Default
TableID	The identifier for the table.	None – must be specified.
ColumnToSplit	The name of the table column to split.	None – must be specified.
Delimiter	The delimiter character for splitting the values in the split column, for example a comma.	None – must be specified.
OutputColumns	<p>The names of output columns to be inserted, separated by commas. Specify literal column names or use the notation:</p> <ul style="list-style-type: none"> [Start:End:Increment] for example [1:9:3] [Start:End] for example [1:10] [Start:] for example [1:] <p>For example, to generate output columns with names Column1, Column2, ... for all necessary output columns, use: Column[1:]</p>	None – must be specified.
OutputColumn Order	<p>The order of split values in output columns:</p> <ul style="list-style-type: none"> SequenceOrder – split and then insert the parts sequentially in output columns UniqueValues – create output columns for each unique value, in the order they were encountered UniqueValuesSorted – unique values, sorted 	Sequence Order
InsertBefore Column	The name of the column before which to insert the new output columns.	Append at end
DeleteOriginal Column	Indicate whether the original table column should be deleted after processing: False or True.	False