Command Reference: SetTimeSeriesValuesFromTable()

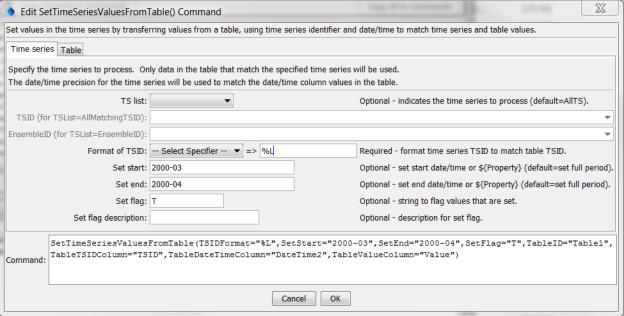
Set time series values from a table

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The SetTimeSeriesValuesFromTable () command sets values in time series by matching the TSID and date/time in a table. Examples of use are:

- Provide data values from a table to override missing values in the time series
- Set a stream of values from a table into time series

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



SetTimeSeriesValuesFromTable

SetTimeSeriesValuesFromTable() Command Editor Showing Time Series Parameters

Time series Table				
Rows in the table are matched with time series using the TSID columnn.				
This subset of rows is then matched to time series values using the date/time column contents.				
Matching TSID and date/time result in the values from the table being set in the time series.				
If columns are specified for the set flag and description, they also will be set. Alternatively, set the flag globally using SetFlag and SetFlagDesc in the time series tab.				
Table ID:	Table1	▼ Required - table that provides values.		
Table TSID column:	TSID	Required - column name to match time series TSID.		
Table column for date/time:	DateTime2	Required - column to match date/time.		
Table column for value:	Value	Required - column time series values.		
Table column for data flag:		Optional - column for time series flag.		
Table column for data flag description:		Optional - column for time series flag description.		
Sort order for date/time:		Optional - sort order for table date/times (default=None).		

SetTimeSeriesValuesFromTable_Table

SetTimeSeriesValuesFromTable() Command Editor Showing Table Parameters

The command syntax is as follows:

SetTimeSeriesValuesFromTable(Parameter=Value,...)

Command Parameters

Parameter	Description	Default
TSList	 Indicates the list of time series to be processed, one of: AllMatchingTSID – all time series that match the TSID (single TSID or TSID with wildcards) will be processes. AllTS – all time series before the command. EnsembleID – all time series in the ensemble will be processed. FirstMatchingTSID – the first time series that matches the TSID (single TSID or TSID with wildcards) will be processed. LastMatchingTSID – the last time series that matches the TSID (single TSID or TSID with wildcards) will be processed. SelectedTS – the time series are those selected with the SelectTimeSeries () command. 	AllTS
TSID	The time series identifier or alias for the time series to be processed, using the * wildcard character to match multiple time series. Can specify using processor \${Property}.	Required if TSList=*TSID
EnsembleID	The ensemble to be processed, if processing an ensemble. Can specify using processor \${Property}.	Required if TSList=EnsembleID
TSIDFormat	The specification to format the time series identifier to match the TableTSIDColumn column.	None – must be specified.
SetStart	The date/time to start setting values, or processor \${Property}.	Set the full period.
SetEnd	The date/time to end setting values, or processor \${Property}.	Set the full period.
SetFlag	String to flag values that are set, used for all time series.	No flag.
SetFlagDesc	Description for SetFlag.	Default.
TableID	The lookup table identifier. Can specify using processor \${Property}.	None – must be specified.
Table	Table column name that is used to match the time	None – must be
TSIDColumn	series identifier for processing.	specified.
Table	Table column name that is used to match the	None – must be
DateTimeColumn	date/time for processing time series values.	specified.
Table ValueColumn	Table column name for data values to be set in the	None – must be
varuecorumn	time series.	specified.

Parameter	Description	Default
TableSetFlag	Table column name for data flags to be set in the	No flags will be set.
Column	time series, will override SetFlag.	
TableSetFlag	Table column name for data flag descriptions for	No flags will be set.
DescColumn	TableSetFlag, will override SetFlagDesc.	
SortOrder	Indicate whether to sort the table rows by	Currently sorting is not
	date/time. After sorting, the first matched	implemented – only one
	date/time will be set in the time series.	value per TSID-
		date/time combination
		should be present in the
		table.

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