Command Reference: SetTimeSeriesValuesFromTable()

Set time series values from a table

Version 11.02.02, 2015-05-26

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

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.	Required if `TSList=*TSID`
EnsembleID	The ensemble to be processed, if processing an ensemble.	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 `${Property}`.	Set the full period.
SetEnd	The date/time to end setting values, or `${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.	None – must be specified.
Table TSIDColumn	Table column name that is used to match the time series identifier for processing.	None – must be specified.
Table DateTimeColumn	Table column name that is used to match the date/time for processing time series values.	None – must be specified.
Table ValueColumn	Table column name for data values to be set in the time series.	None – must be specified.
TableSetFlag Column	Table column name for data flags to be set in the time series, will override `SetFlag`.	No flags will be set.

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

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