

Command Reference:

CopyTimeSeriesPropertiesToTable()

Copy time series properties to a table

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The `CopyTimeSeriesPropertiesToTable()` command copies time series properties to a table. Properties can be copied to an existing table, or a new table can be created. Time series properties typically are set in the following ways:

1. Location and time series metadata from original data (e.g., database or web service) are set as properties when the time series are read.
2. The `SetTimeSeriesProperty()` command sets a property.
3. Other commands set properties as a bi-product of processing.

The following dialog is used to edit the command and illustrates the command syntax (in this case the location part of the time series identifier is used to match the contents of the “loc” column in the table).

Edit CopyTimeSeriesPropertiesToTable() Command

Copy time series properties to a table, which is useful for creating lists of locations and corresponding time series information.
Time series properties are set when reading data and by commands like `SetTimeSeriesProperty()`.
If the table does not exist, it will be created.
The table row is determined by matching the time series identifier (TSID) in the `TableTSIDColumn` and using the specified TSID format.
If the formatted TSID is not matched or `AllowDuplicates=True`, a new row will be created for the properties.
The table output columns will default to the property names. Use * to match one property name when specifying a list of column names.

TS list: Optional - indicates the time series to process (default=AllTS).

TSID (for TSList=AllMatchingTSID):

EnsembleID (for TSList=EnsembleID):

Property names: Optional - property names to copy (default=all).

Table ID: Required - table to modify or create.

Table TSID column: Required - table column name for TSID.

Format of TSID: => Optional - use %L for location, etc. (default=alias or TSID).

Allow duplicates?: ☐ Optional - allow multiple rows for same TSID? (default=False).

Table output columns: Optional - column names to receive properties (default=property names).

Command:

```
CopyTimeSeriesPropertiesToTable (TableID="Table1", TableTSIDColumn="loc", TableTSIDFormat="%L")
```

CopyTimeSeriesPropertiesToTable

CopyTimeSeriesPropertiesToTable() Command Editor

The command syntax is as follows:

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

Command Parameters

Parameter	Description	Default
TSList	Indicates the list of time series to be processed, one	AllTS

Parameter	Description	Default
	of: <ul style="list-style-type: none"> AllMatchingTSID – all time series that match the TSID (single TSID or TSID with wildcards). AllTS – all time series before the command. EnsembleID – all time series in the ensemble will be modified (see the EnsembleID parameter). FirstMatchingTSID – the first time series that matches the TSID (single TSID or TSID with wildcards). LastMatchingTSID – the last time series that matches the TSID (single TSID or TSID with wildcards). 	
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 TSGlobal=TSID
EnsembleID	The ensemble to be processed, if processing an ensemble.	Required if TSGlobal=EnsembleID
PropertyNames	A list of time series property names to be copied to the table, separated by commas.	Copy all properties.
TableID	The identifier for the existing or new table to receive properties.	None – must be specified.
TableTSIDColumn	Table column name that is used to match the time series identifier for processing, to select the row.	None – must be specified.
TableTSIDFormat	The specification to format the time series identifier to match the TSID column. Use the format choices and other characters to define a unique identifier.	Time series alias if available, or otherwise the time series identifier.
AllowDuplicates	Allow duplicate TSID rows in the output: <ul style="list-style-type: none"> False – match TSID, intended for cases where TSID are distinct True – add new rows regardless, for cases where multiple time series having the same TSID are processed and should each have a row in the output table 	False (if TSID is matched, set the properties for that row).
TableOutputColumns	The name(s) of the column(s) to receive properties for the matching time series. Separate column names with commas. If a column name is specified as *, the matching value from PropertyNames is used for the column name.	If not specified, use PropertyNames.