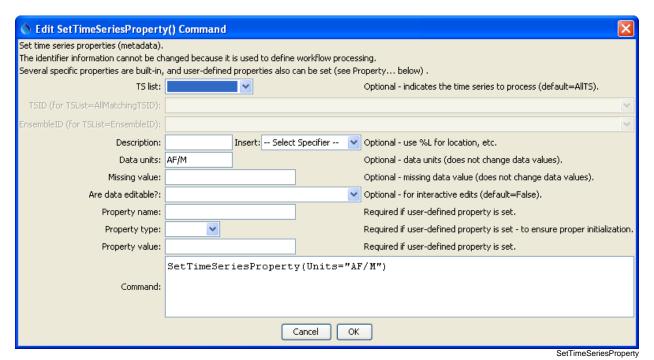# Command Reference: SetTimeSeriesProperty()

Set time series properties

Version 09.09.00, 2010-09-23

The `SetTimeSeriesProperty()` command sets the value of time series properties. Properties that are used to uniquely identify the time series cannot be set because other commands need to utilize this information to reference the time series; therefore, properties that cannot be changed include the location identifier, data source, data type, interval, and scenario. See also the `SetTimeSeriesPropertiesFromTable()` and `SelectTimeSeries()` commands.

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

SetTimeSeriesProperty() Command Editor

The command syntax is as follows:

`SetTimeSeriesProperty(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 modified. • `AllTS` – all time series before the command. • `EnsembleID` – all time series in the ensemble will be modified. • `FirstMatchingTSID` – the last time	AllTS

	series that matches the TSID (single TSID or TSID with wildcards) will be modified. • LastMatchingTSID – the last time series that matches the TSID (single TSID or TSID with wildcards) will be modified. • SelectedTS – the time series are those selected with the SelectTimeSeries() command.	
TSID	The time series identifier or alias for the time series to be modified, using the * wildcard character to match multiple time series.	Required if TSList=*TSID.
EnsembleID	The ensemble to be modified, if processing an ensemble.	Required if TSList=EnsembleID.
Description	The description to assign to the time series. Use the format choices and other characters to define a unique alias.	None.
Units	The data units to assign to the time series. The units should agree with the time series data values.	None.
Editable	If set to True, then graphing the time series will enable interactive editing features, including the ability to save the edited time series.	False
PropertyName	Name of user-defined property.	
PropertyType	Property type, to ensure proper initialization and data check.	Required if PropertyName is specified.
PropertyValue	Value for property, adhering to the property type requirements.	Required if PropertyName is specified.

A sample command file to set a property for time series read from a StateMod file is as follows:

```
ReadStateMod(InputFile="Data\ym2004.ddh")
SetTimeSeriesProperty(Units="AF/M")
```