

# Command Reference: setFromTS()

## Set Time Series Data Using Another Time Series

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The `setFromTS()` command sets data in a time series by transferring values from another time series. An analysis period can be specified to limit the period that is processed. See also the `fillFromTS()` command, which will transfer values only when the dependent time series has missing data. Only data values are transferred – time series header information (e.g., data type, alias) will not be modified.

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

**Edit setFromTS() Command**

setFromTS() copies data values from the independent time series to replace values in the dependent time series.  
All data values (including missing data) in the analysis period will be copied.  
Use a setOutputPeriod() command if the dependent time series period will be extended.  
Specify dates with precision appropriate for the data, use \* for all available data, OutputStart, or OutputEnd.  
The "Set period" is for the independent time series.

Time series to fill (dependent): 08241000.DWR.Streamflow.Month

Copy data from (independent):

Set period: \* to \*

Transfer data how: ByDateTime

Command: setFromTS(08241000.DWR.Streamflow.Month,08240500.DWR.Streamflow.Month,\*,\*,TransferData=ByDateTime)

Cancel OK

setFromTS

**setFromTS() Command Editor**

The command syntax is as follows:

```
setFromTS (TSID, IndependentTSID, SetStart, SetEnd, TransferHow)
```

#### Command Parameters

Parameter	Description	Default
TSID	The time series identifier or alias for the time series to be modified.	None – must be specified.
IndependentTSID	The time series identifier or alias for the independent time series, to supply data.	None – must be specified.
SetStart	The date/time to start setting data, if other than the full time series period.	Full period if * is specified.
SetEnd	The date/time to end setting data, if other than the full time series period.	Full period if * is specified.
TransferHow	Indicates how to transfer data: <ul style="list-style-type: none"> <li>ByDateTime – a date/time in one time series will be lined up with the other time series.</li> <li>Sequentially – data from the independent will be transferred sequentially, even if the date/time does not align (used when transferring continuous data over Feb 28/29, without gaps).</li> </ul>	None – must be specified.

A sample commands file is as follows:

```
#
# 08241000 - TRINCHERA CREEK ABOVE MOUNTAIN HOME RESERVOIR
08241000.DWR.Streamflow.Month~HydroBase
# 08240500 - TRINCHERA CREEK ABOVE TURNER'S RANCH
08240500.DWR.Streamflow.Month~HydroBase
setFromTS(08241000.DWR.Streamflow.Month,08240500.DWR.Streamflow.Month,*,*,
TransferData=ByDateTime)
```