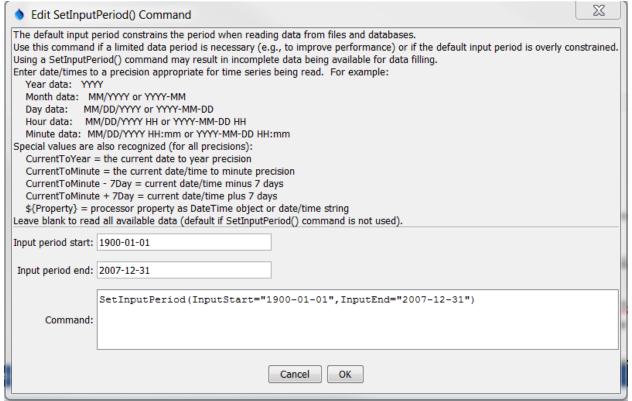
Command Reference: SetInputPeriod()

Set the period for reading time series from files and querying from databases

ersion 11.02.03, 2015-05-27

The SetInputPeriod() command sets the period used for reading time series data from files and datastores. The default in most cases is to read/query all available data so that all data are available for analysis and data filling. However, a shorter period may be desirable to increase performance (e.g., when processing real-time data) or to force matching a historical period. It may be necessary to set the input period if the default for a datastore is very short. See also the SetOutputPeriod() command.

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



SetInputPeriod() Command Editor

SetInputPeriod

The command syntax is as follows:

SetInputPeriod(Parameter=Value,...)

Command Parameters

Parameter	Description	Default
InputStart	 The date/time to start reading/querying time series data, one of: A date/time string (see dialog above for examples). CurrentToYear, CurrentToMonth, CurrentToDay, CurrentToHour, CurrentToMinute, indicating the current date/time to the specified precision. A Current* value +- an interval, for example: CurrentToMinute - 7Day A processor property indicated with \${Property} 	None – must be specified.
InputEnd	The date/time to end reading/querying time series data, one of: • A date/time string (see dialog above for examples). • CurrentToYear, CurrentToMonth, CurrentToDay, CurrentToHour, CurrentToMinute, indicating the current date/time to the specified precision. • A Current* value +- an interval, for example: CurrentToMinute - 7Day • An expression involving InputStart, used similar to the Current* values. • A processor property indicated with \${Property}	None – must be specified.

A sample command file for historical data from the State of Colorado's HydroBase is as follows:

```
SetInputPeriod(InputStart="1950-01",InputEnd="2000-09")
# 06754000 - SOUTH PLATTE RIVER NEAR KERSEY
06754000.DWR.Streamflow.Month~HydroBase
```

A sample command file for real-time data is as follows:

```
SetInputPeriod(InputStart="CurrentToMinute - 14Day",
InputEnd="CurrentToMinute + 1Hour")
# 06754000 - SOUTH PLATTE RIVER NEAR KERSEY
06754000.DWR.Streamflow-DISCHRG.Irregular~HydroBase
```