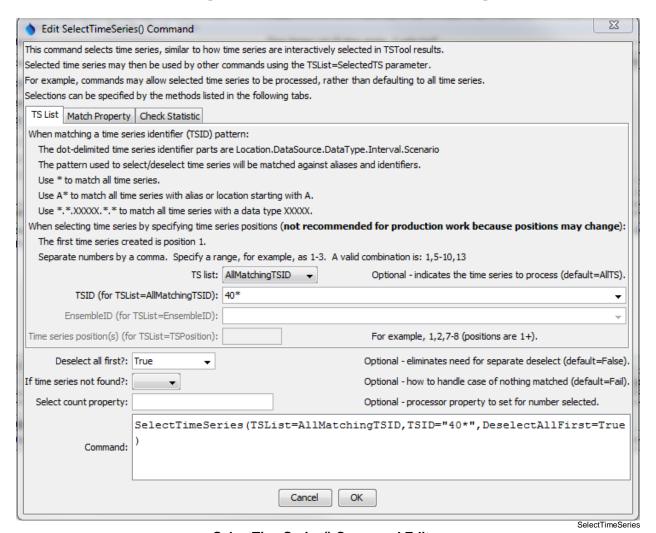
Command Reference: SelectTimeSeries()

Select time series for additional processing

/ersion 11.03.00, 2015-06-01

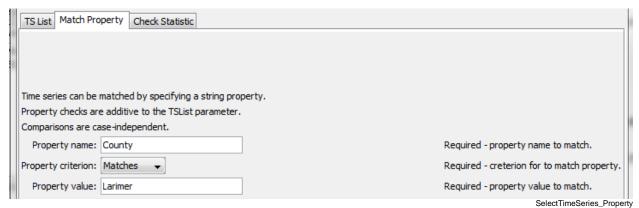
The SelectTimeSeries () command selects output time series, as if done interactively, to indicate which time series should be operated on by following commands. The command minimizes the need for the Free () command because other commands that operate on a time series list can use TSList=SelectedTS. See also the DeselectTimeSeries () command.

The following dialog is used to edit the command and illustrates the command syntax for selecting time series using the TSList parameter. This parameter provides the initial filter for the list of time series. In addition to standard TSList parameter values, the TSPosition value is specific to this command.



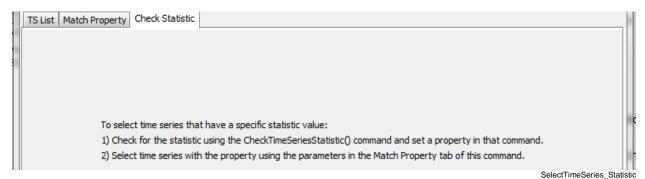
SelectTimeSeries() Command Editor

The following dialog illustrates how to select time series by matching a string property.



SelectTimeSeries() Command Editor Specifying a Property to Match

The following dialog illustrates how to select time series by evaluating a time series statistic.



SelectTimeSeries() Command Editor Specifying a Statistic to Check

The command syntax is as follows:

SelectTimeSeries (Parameter=Value, ...)

Command Parameters

Parameter	Description	Default
TSList	Indicates the list of time series to be processed, one of:	AllTS
	 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 (see the EnsembleID	
	parameter). • LastMatchingTSID – the last time series that matches the	

Parameter	Description	Default
	TSID (single TSID or TSID	
	with wildcards) will be	
	modified.	
	• TSPosition – time series	
	specified by position in the	
	results list (see TSPosition	
	parameter below).	
TSID	The time series identifier or alias for	Required if TSList=*TSID
	the time series to be modified, using	
	the * wildcard character to match	
	multiple time series. Can be	
	specified using processor	
	\${Property}.	
EnsembleID	The ensemble to be modified, if	Required if
	processing an ensemble. Can be	TSList=EnsembleID
	specified using processor	
	\${Property}.	
TSPosition	A list of time series positions (1+) in	Required if
	output, separated by commas.	TSList=TSPosition
	Ranges can be specified as Start-	
	End.	
DeselectAllFirst	Indicate whether all time series	False
	should be deselected before selecting	
	the specified time series: True or	
	False.	
IfNotFound	Indicate how to handle the case of no	Fail
	time series being matched:	
	• Ignore – OK if nothing	
	selected	
	• Warn – generate a warning	
	message	
	• Fail – generate a failure	
	message	
PropertyName	Name of user-defined property to	
	check. A property, if specified, is	
	additive to selections from the	
	TSList parameter.	
PropertyCriterion	Criterion to evaluate to determine	Required if PropertyName is
	which properties match.	specified.
PropertyValue	Value to check against the property	Required if PropertyName is
	value, using criterion. Can be	specified.
	specified using processor	
	\${Property}.	
SelectCountProperty	If specified, the corresponding time	
	series property will be set to the	
	number of selected time series after	
	the command is executed. This is	
	useful in cases where following	

Parameter	Description	Default
	commands are wrapped in an If() command and should only be executed if the count is > 0. Also use to check for count of 0 and warn	
	with the Message () command. Can be specified using processor \${Property}.	

A sample command file is as follows:

```
NewPatternTimeSeries (Alias="401234", NewTSID="401234..Precip.Day",
Description="Example data", SetStart="2000-01-01", SetEnd="2000-12-31",
Units="IN", PatternValues="0,1,3,0,0,0")
SelectTimeSeries (TSList=AllMatchingTSID, TSID="40*", DeselectAllFirst=True)
```