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# Command Reference: selectTimeSeries()

## Select Time Series for Output

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The `selectTimeSeries()` command selects output time series, as if done interactively. The command minimizes the need for the `free()` command, when used in conjunction with other commands that use a time series list based on selected time series. See also the `deselectTimeSeries()` command. The following dialog is used to edit the command and illustrates the command syntax.

**Edit selectTimeSeries() Command**

This command selects time series, similar to how time series are interactively selected. Selected time series may then be used by other commands.

For example, output commands may allow selected time series to be output, rather than default to all time series. Time series can be matched by one of the following methods (use only one below):

1. Use a time series identifier (TSID) pattern:  
The dot-delimited time series identifier parts are Location.DataSource.DataType.Interval.Scenario  
The pattern used to select/deselect time series will be matched against aliases and identifiers.  
Use \* to match all time series.  
Use A\* to match all time series with alias or location starting with A.  
Use \*.XXXXX.\* to match all time series with a data type XXXXX.
2. Specify in-memory time series positions:  
The first time series created is position 1.  
Separate numbers by a comma. Specify a range, for example, as 1-3.

Time series alias/identifier:  Specify a TSID pattern.

Time series position(s):  For example, 1,2,7-8.

Deselect all first?:  Eliminates need for separate deselect.

Command:

selectTimeSeries

**selectTimeSeries() Command Editor**

The command syntax is as follows:

```
selectTimeSeries(param=value,...)
```

#### Command Parameters

Parameter	Description	Default
TSID	The time series identifier or alias pattern, to indicate time series to select. See the above figure for examples.	Can be blank if Pos is specified.
Pos	A list of time series positions in output (1+), separated by commas. This parameter is useful if it is known that the first time series is being modified by subsequent commands.	Use the TSID.
DeselectAllFirst	Indicates whether all time series should be deselected before selecting the specified time series: True or False.	False

A sample commands file is as follows:

```
selectTimeSeries(TSID="40*",DeselectAllFirst="True")
```