Command Reference: TS Alias = NewPatternTimeSeries()

Create a new time series containing a pattern of repeating values

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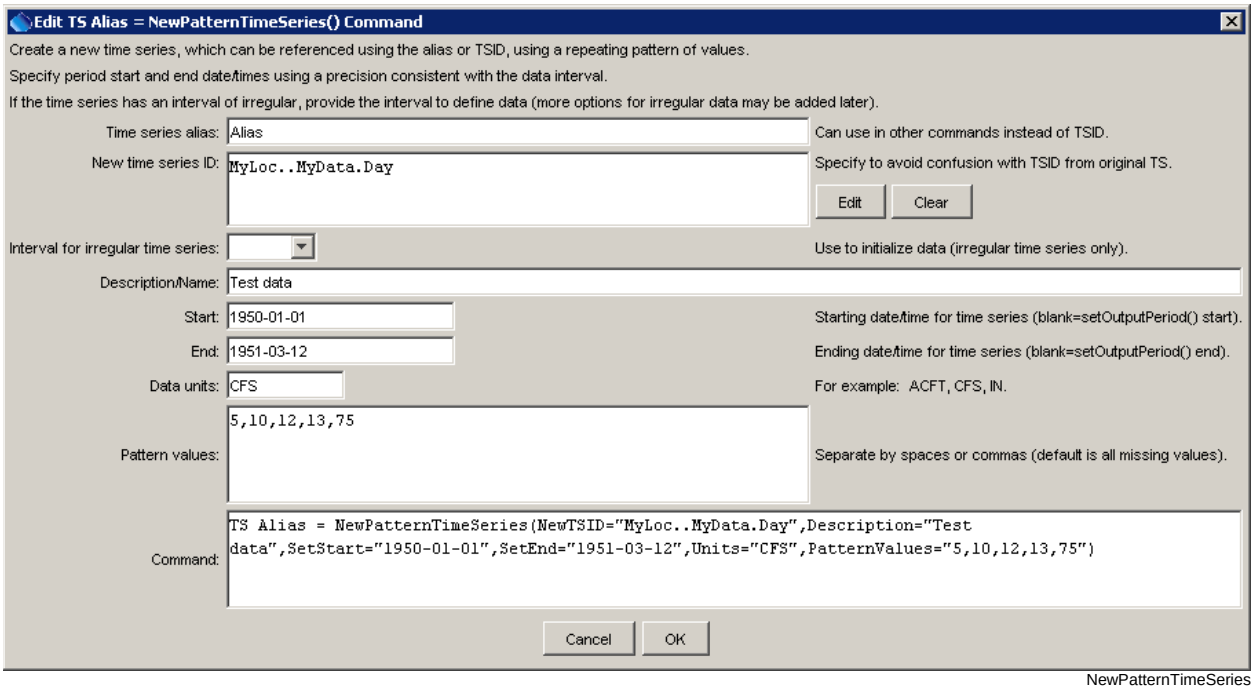
The `TS Alias = NewPatternTimeSeries()` command creates a new time series containing a repeating pattern of numbers. This command is useful for generating data to test other commands.

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



NewPatternTimeSeries

TS Alias = NewPatternTimeSeries() Command Editor

The command syntax is as follows:

```
TS Alias = NewPatternTimeSeries(Parameter=Value,…)
```

Command Parameters

Parameter	Description	Default
`Alias`	The alias of the new time series, which can be used instead of the TSID in other commands.	None – must be specified.
`NewTSID`	The time series identifier to be assigned to the new time series, which is useful to avoid confusion with the original time series.	None.
`IrregularInterval`	Interval to use to populate irregular time series (e.g., `1Hour`, `Month`), necessary because data need to be assigned somehow.	None – must be specified for irregular time series.
`Description`	Description for the time series.	None.
`SetStart`	Start date/time to set data.	None – must be

Parameter	Description	Default
		specified.
SetEnd	End date/time to set data.	None – must be specified.
Units	Units for the data values.	None.
PatternValues	Data values, separated by commas.	None – must be specified.

Examples

The following example commands file illustrates how to create a pattern time series for testing:

```
TS Alias = NewPatternTimeSeries(NewTSID="MyLoc..MyData.Day",
  Description="Test data",SetStart="1950-01-01",
  SetEnd="1951-03-12",Units="CFS",PatternValues="5,10,12,13,75")
WriteDateValue(OutputFile="Results\Example_NewPatternTimeSeries_out.dv")
```