
Command Reference: Blend()

Append a Time Series to the End of Another Time Series

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The `Blend()` command blends one time series into another, extending the first time series period if necessary. This is typically used for combining time series for a station that has been renamed or to blend historic and real-time data. The second (independent time series) will ALWAYS override the first time series. See also the `SetFromTS()` and `Add()` commands. The `Blend()` command ensures that single data values are used whereas `Add()` will add values if more than one value is available at the same date/time. The `SetFromTS()` does not extend the period.

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

Edit Blend() command

Blend one time series into the start or end of another.

The BlendAtEnd blend method will use data from the second (independent) time series at the end of the first.

The overall period will be that of both time series.

Additional blend methods (e.g., interpolating the blend) may be added in the future.

See also the SetFromTS() and Add() commands.

Time series to modify: lobatos_current

Independent time series: lobatos_likely

Blend method: BlendAtEnd

Command: Blend(TSID="lobatos_current",IndependentTSID="lobatos_likely",BlendMethod=BlendAtEnd)

Cancel OK

Blend

Blend() Command Editor

The command syntax is as follows:

```
Blend(Parameter=Value,...)
```

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 time series to be blended to the first time series.	None – must be specified.
BlendMethod	The method used to blend the data, one of: <ul style="list-style-type: none">BlendAtEnd, resulting in the main time series having the other time series attached to the end of its period.	None – must be specified. Currently only BlendAtEnd is recognized.

A sample command file to blend two time series from the State of Colorado's HydroBase database is as follows:

```
# 08236000 - ALAMOSA RIVER ABOVE TERRACE RESERVOIR
08236000.DWR.Streamflow.Month~HydroBase
# 08236500 - ALAMOSA RIVER BELOW TERRACE RESERVOIR
08236500.DWR.Streamflow.Month~HydroBase
Blend(TSID="08236000.DWR.Streamflow.Month",
      IndependentTSID="08236500.DWR.Streamflow.Month",
      BlendMethod="BlendAtEnd")
```