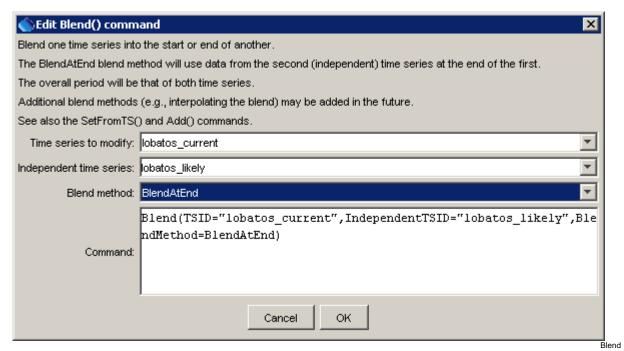
## **Command Reference: Blend()**

## Append a Time Series to the End of Another Time Series

/ersion 08.15.00, 2008-05-01

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.



**Blend() Command Editor** 

Command Reference - Blend() - 1

Blend() Command TSTool Documentation

The command syntax is as follows:

Blend(Parameter=Value,...)

## **Command Parameters**

Parameter	Description	Default
TSID	The time series identifier or alias for the	None – must be specified.
	time series to be modified.	
IndependentTSID	The time series identifier or alias for the	None – must be specified.
	time series to be blended to the first time	
	series.	
BlendMethod	The method used to blend the data, one	None – must be specified.
	of:	Currently only BlendAtEnd is
	BlendAtEnd, resulting in the main	recognized.
	time series having the other time	
	series attached to the end of its	
	period.	

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")
```