Command Reference: add()

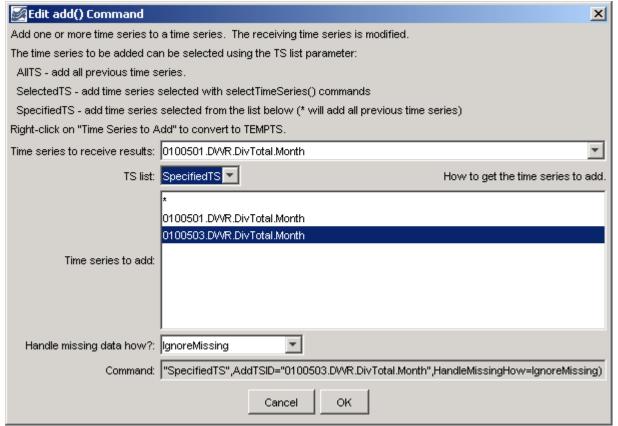
Add One or More Time Series to Another Time Series

Version 06.10.00, 2005-02-23, Color, Acrobat Distiller

The add() command adds regular interval time series. The receiving time series will be set to the sum of itself and all indicated time series. See also the newTimeSeries() command, which can create an empty time series to receive a sum. This command replaces the older add() command, which did not have the flag for how to handle missing data.

This command will generate an error if the time series do not have compatible units. If the units are compatible but are not the same (e.g., IN and FT), then the units of the part will be converted to the units of the sum before addition. Missing data in the parts can be ignored (do not set the sum to missing) or can result in missing values in the sum. The user should consider the implications of ignoring missing data. Time series being added must have the same data interval.

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



add() Command Editor

add

add() Command TSTool Documentation

The command syntax is as follows:

add(param=value,...)

Command Parameters

Parameter	Description	Default
TSID	The time series identifier or alias for the	None – must be specified.
	time series to receive the sum.	
TSList	Indicates how the list of time series is	AllTS
	specified, one of:	
	• AllTS – all time series before the	
	command.	
	• SelectedTS – the time series are	
	those selected with the	
	selectTimeSeries()	
	command.	
	• SpecifiedTS – the specified list	
	of time series given by the	
2.1.100.7.0	AddTSID parameter.	25 1 10 110
AddTSID	If the TSList parameter is	Must be specified if
	SpecifiedTS, provide the list of time	TSList=SpecifiedTS,
	series identifiers (or alias) to add. Right	ignored otherwise.
	clicking on a time series allows toggling	
	of the TEMPTS key word. This will cause the time series to add to be read	
	and then discarded.	
HandleMissingHow	Indicates how to handle missing data in a	IgnoreMissing
ilalia i chi bbiligilow	time series, one of:	
	 IgnoreMissing – create a result 	
	even if missing data are encountered	
	in one or more time series – this	
	option is not as rigorous as the others	
	SetMissingIfOtherMissing	
	- set the result missing if any of the	
	other time series values is missing	
	SetMissingIfAnyMissing -	
	set the result missing if any time	
	series value involved is missing	

A sample commands file is as follows:

```
# 0100501 - EMPIRE DITCH
0100501.DWR.DivTotal.Month~HydroBase
# 0100503 - RIVERSIDE CANAL
0100503.DWR.DivTotal.Month~HydroBase
add(TSID="0100501.DWR.DivTotal.Month",TSList="SpecifiedTS",
AddTSID="0100503.DWR.DivTotal.Month",HandleMissingHow=IgnoreMissing)
```