## Command Reference: WriteDelimitedFile()

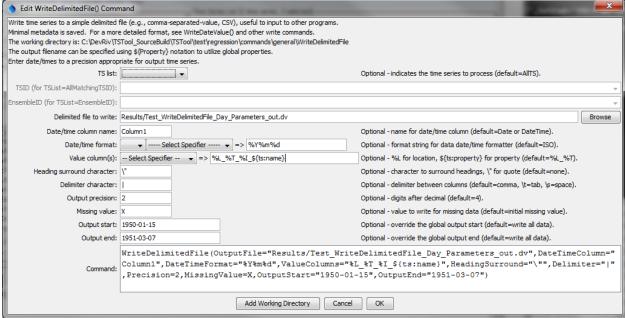
## Write time series to a delimited file

Version 11.13.00, 2017-03-08

The WriteDelimitedFile() command writes time series to the specified delimited file, for example a comma-separated-value (CSV) file. The following constraints apply to this command:

- The time series being written must have the same data interval use the TSList parameter to select appropriate time series.
- Only one irregular time series can be written because functionality has not yet been added to
  properly handle all date/times found in multiple time series. The output period is adjusted to
  ensure that actual endpoints found in the time series are used to bound output.
- The first row in the file contains column headings, which often are used by other software to identify the column:
  - By default, no character will be used to surround headings.
  - o The HeadingSurround parameter can be used to specify a character to surround each heading.
  - o If HeadingSurround matches a character in a column heading, the character will be removed from the column heading.
- Precision for data values and missing value for output can be specified.

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



WriteDelimitedFile() Command Editor

WriteDelimitedFile

The command syntax is as follows:

WriteDelimitedFile(Parameter=Value,...)

## **Command Parameters**

Parameter	Description	Default
TSList	Indicates the list of time series to be processed, one of:	AllTS
	• AllMatchingTSID – all time series that match	
	the TSID (single TSID or TSID with wildcards) will	
	be processed.	
	• AllTS – all time series before the command.	
	• EnsembleID – all time series in the ensemble will	
	be processed.	
	• FirstMatchingTSID – the first time series that	
	matches the TSID (single TSID or TSID with	
	wildcards) will be processed.	
	LastMatchingTSID – the last time series that	
	matches the TSID (single TSID or TSID with	
	wildcards) will be processed.	
	• SelectedTS – the time series are those selected	
	with the SelectTimeSeries () command.	
TSID	The time series identifier or alias for the time series to be	Required if
	processed, using the * wildcard character to match	TSList=*TSID.
	multiple time series. Can be specified using processor	
EnsembleID	\${Property}.	D ' 1'C
Ensembleid	The ensemble to be processed, if processing an	Required if TSList=
	ensemble. Can be specified using processor \${Property}.	EnsembleID.
OutputFile	The delimited output file. The path to the file can be	None – must be
	absolute or relative to the working directory (command	specified.
	file location). Global properties can be used to specify	~ <b>F</b>
	the filename, using the \${Property} syntax.	
DateTime	The name of the column for the date/time.	Date if day, month,
Column		or year interval,
		DateTime
		otherwise.
DateTime	Specify the date/time formatter type, which indicates the	С
FormatterType	syntax for DateTimeFormat. Currently, only C is	
	supported, corresponding to the C programming	
	language strftime() function, which is also used by	
DateTime	other software (see Linux date command).	
Format	The format used to expand the date/time corresponding to each time series data value. The format string can	
I OTIMA C	contain literal strings and specifiers supported by the	
	DateTimeFormatterType.	
ValueColumns	The name(s) of the column(s) corresponding to each time	%L %T
	series, to use for the values. Specify with % formatters,	_
	\$\{ts:\property\}\ \text{and \$\{\property\}. In the future	
L		

Parameter	Description	Default
	a parameter may be added to more specifically define the	
	column names. If the column name contains the	
	HeadingSurround character, occurrences of the	
	character will be removed.	
Heading	Character that is used to surround column headings.	No surrounding
Surround	Specify a double quote using \".	character.
Delimiter	The delimiter character to use between data values.	Space.
	Specify \t for tab and \s for space.	
Precision	The number of digits after the decimal for numerical	4 (in the future may
	output.	default based on data
		type)
MissingValue	The value to write to the file to indicate a missing value	Time series missing
	in the time series. This will override the value initialized	value.
	when the time series is read or created (typically -999,	
	NaN or another value). Specify Blank to output a	
	blank.	
OutputStart	The date/time for the start of the output. Can be	Use the global output
	specified using processor \${Property}.	period.
OutputEnd	The date/time for the end of the output. Can be	Use the global output
	specified using processor \${Property}.	period.

WriteDelimitedFile()	Command
----------------------	---------

TSTool Documentation

This page is intentionally blank.