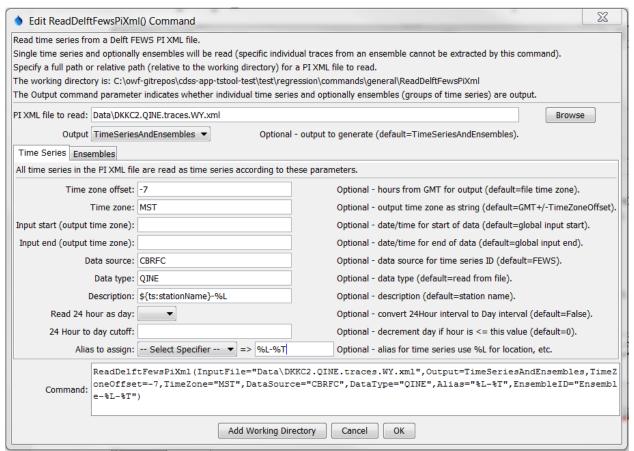# Command Reference: ReadDelftFewsPiXml()
Read all time series from a Delft FEWS PI XML File
Version 11.10.00, 2016-03-25

The `ReadDelftFewsPiXml()` command reads all the time series in a Delft FEWS PI XML file. See the **Delft FEWS Input Type Appendix** for information about the file format.

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

ReadDelftFewsPiXml() Command Editor Showing Time Series Parameters

ReadDelftFewsPiXml() Command Editor Showing Ensemble Parameters

The command syntax is as follows:

```
ReadDelftFewsPiXml(Parameter=Value,…)
```

Command Parameters

Parameter	Description	Default
InputFile	The name of the PI XML input file to read. Global property values can be used with the syntax `${PropertyName}`. The file can be a *.xml, *.zip or *.gz file with single compressed file.	None – must be specified.
Output	Indicate the output to be generated: • `TimeSeries` – individual time series (even if in ensemble) • `TimeSeriesAndEnsembles` – individual time series and ensemble	`TimeSeries AndEnsembles`
TimeZone Offset	The desired time zone offset for output. `0`=GMT, `-7`=US Mountain Standard Time. The offset will be applied to the time zone shown in the `<timeZone>` element of the file.	Use file time zone.
TimeZone	Time zone string to assign to output date/times, for example `MST`. No check is performed on the validity of the value. The time zone should agree with the result of applying `TimeZoneOffset`.	Use numerical time zone from file with `GMT` prefix.
InputStart	Starting date/time to read data, in precision consistent with data, for output time zone. Specify as a date/time string or a processor `${Property}`.	Read all data.
InputEnd	Ending date/time to read data, in precision consistent with data, for output time zone. Specify as a date/time string or a processor `${Property}`.	Read all data.
DataSource	Data source to use for time series identifier, for example organization that is running FEWS. Can specify with `${ts:Property}` and time series `%` specifiers.	FEWS
DataType	Data type to use for time series identifier, useful because default can be long and may contain special characters. Can specify with `${ts:Property}` and time series `%` specifiers.	`<paramerId>` element from PI XML file
Description	Time series description. Can specify with `${ts:Property}` and time series `%` specifiers.	`<stationName>` element from PI XML file
Read24Hour AsDay	If `True`, read 24Hour interval time series as Day. Hour 00 values are shifted to the previous day.	False
Read24Hour AsDayCutoff	If the value of the 24Hour time series is $\le$ this value, then the day will be decremented in the output time series. This is necessary because hourly data may not exactly line up with days (hour 0) and it may be appropriate to shift to the previous day depending on the data type.	0

Parameter	Description	Default
Alias	The alias to assign to the time series, as a literal string or using the special formatting characters listed by the command editor. The alias is a short identifier used by other commands to locate time series for processing, as an alternative to the time series identifier (TSID).	No alias is assigned.
EnsembleID	Ensemble identifier to assign to output. Can specify with ${ts:Property} and time series % specifiers.	<locationId> _DataType_ <ensembleId>
EnsembleName	Ensemble name to assign to output. Can specify with ${ts:Property} and time series % specifiers.	Value of EnsembleID

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