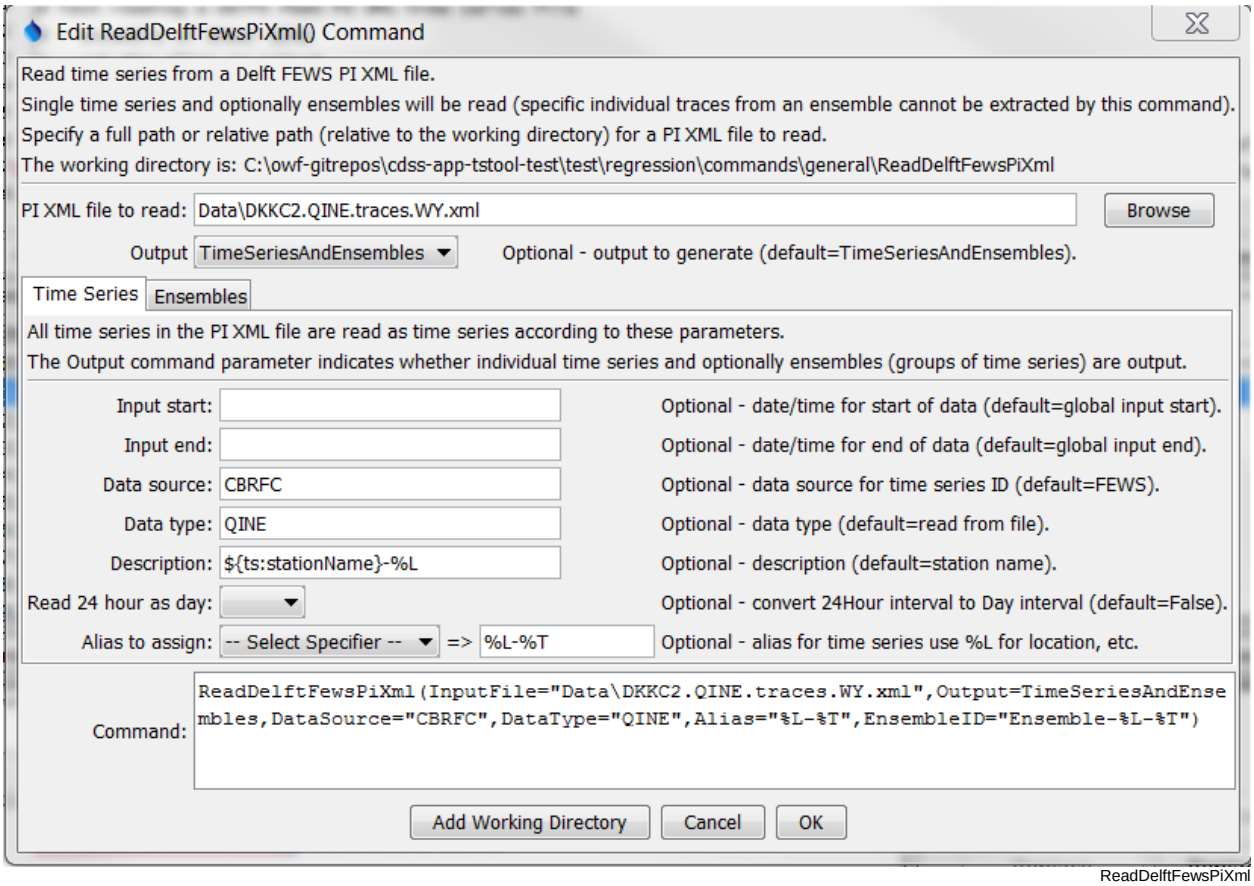
# Command Reference: ReadDelftFewsPiXml()

## Read all time series from a Delft FEWS PI XML File

Version 11.08.00, 2016-01-24

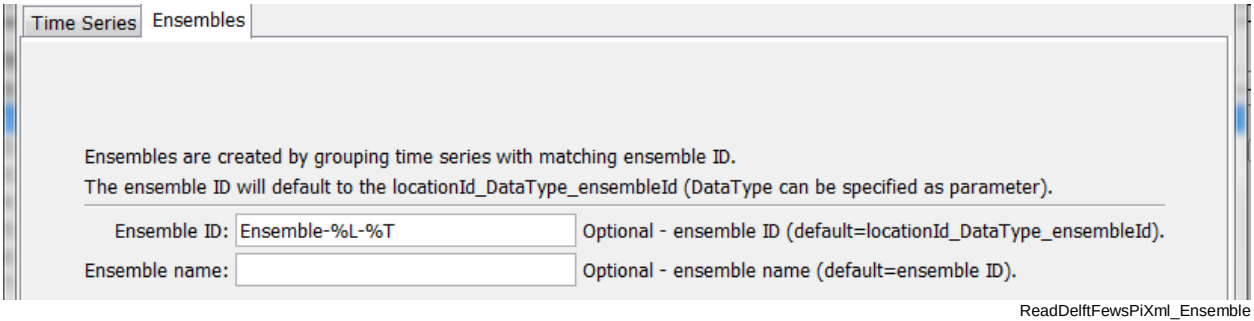
The `ReadDelftFewsPiXml()` command reads all the time series in a Delft FEWS PI XML file. See the **Delft FEWS Input Type Appendix** for information about the file format.

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




ReadDelftFewsPiXml

**ReadDelftFewsPiXml() Command Editor Showing Time Series Parameters**




ReadDelftFewsPiXml_Ensemble

**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:<br>• TimeSeries – individual time series (even if in ensemble)<br>• TimeSeriesAndEnsembles – individual time series and ensemble | TimeSeries AndEnsembles |
| InputStart | Starting date/time to read data, in precision consistent with data. 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. Specify as a date/time string or a processor ${Property}. | Read all data. |
| TimeZone Offset | The desired time zone offset for output. 0=GMT, 7=US Mountain Standard Time. | Use file time zone. |
| 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 |
| 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 |