Command Reference: FillFromTS()

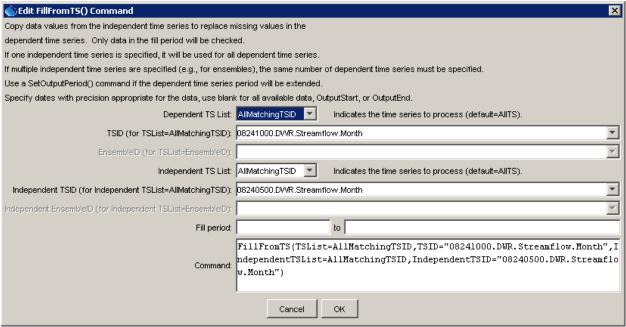
Fill missing time series data using data from another time series (or ensemble)

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The FillFromTS() command fills missing data in a time series (or ensemble) by transferring non-missing values from another time series (or ensemble). This is useful when two time series typically have very similar values. The filled time series is not automatically extended. An analysis period can be specified to limit the period that is checked for missing data. See also the SetFromTS() command, which will transfer all values. If multiple time series or an ensemble is being processed, the number of independent time series must be one or the same number as the time series being filled.

Data transfer occurs by date/time, not sequentially. This may be a problem if trying to fill from a time series that has been shifted and leap years have caused an offset.

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



FillFromTS() Command Editor

FillFromTS

The command syntax is as follows:

FillFromTS (Parameter=Value,...)

Command Parameters

| Parameter | Description | Default |
|---------------------------|--|--|
| TSList | Indicates the list of time series to be processed, one of: AllMatchingTSID – all time series that match the TSID (single TSID or TSID with wildcards) will be modified. AllTS – all time series before the command. EnsembleID – all time series in the ensemble will be modified. LastMatchingTSID – the last time series that matches the TSID (single TSID or TSID with wildcards) will be modified. SelectedTS – the time series are those selected with the SelectTimeSeries () command. | AllTS |
| TSID | The time series identifier or alias for the time series to be modified, using the * wildcard character to match multiple time series. | TSID or EnsembleID must be specified if identifiers are being matched. |
| EnsembleID | The ensemble to be modified, if processing an ensemble. | TSID or EnsembleID must be specified if identifiers are being matched. |
| Independent TSList | Indicates how to determine the list of independent time series (see the explanation of TSList). | AllTS |
| Independent TSID | The time series identifier or alias for the independent time series (see the explanation of TSID). | |
| Independent EnsembleID | The ensemble identifier for the independent time series (see the explanation of EnsembleID). | |
| FillStart | The date/time to start filling, if other than the full time series period. | Fill the entire period. |
| FillEnd | The date/time to end filling, if other than the full time series period. | Fill the entire period. |

A sample command file to fill data from the State of Colorado's HydroBase is as follows:

```
#
# 08241000 - TRINCHERA CREEK ABOVE MOUNTAIN HOME RESERVOIR
08241000.DWR.Streamflow.Month~HydroBase
# 08240500 - TRINCHERA CREEK ABOVE TURNER'S RANCH
08240500.DWR.Streamflow.Month~HydroBase
FillFromTS(TSList=AllMatchingTSID,TSID="08241000.DWR.Streamflow.Month",
    IndependentTSList=AllMatchingTSID,
    IndependentTSID="08240500.DWR.Streamflow.Month")
```