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# Command Reference: fillConstant()

## Fill missing time series data using a constant value

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The `fillConstant()` command fills the missing data in a time series with the specified value. This fill technique is useful for filling missing data with zeros, perhaps as the last step in a sequence of filling commands.

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

**Edit fillConstant() Command**

Fill time series missing values with a constant value.

The time series to process are indicated using the TS list.

If TS list is "AllMatchingTSID", pick a single time series, or enter a wildcard time series identifier pattern.

TS list:  How to get the time series to fill.

Identifier (TSID) to match:

Constant value:  Constant value to fill missing data.

Fill period:  to

Fill flag:  1-character flag to indicate fill.

Command: 

```
fillConstant(TSList=AllMatchingTSID,TSID="08236500.DWR.Streamflow.Month",ConstantValue=500,FillStart="1970-02",FillEnd="1970-10",FillFlag="C")
```

fillConstant

**fillConstant() Command Editor**

The command syntax is as follows:

```
fillConstant (param=value,...)
```

#### Command Parameters

Parameter	Description	Default
TSList	Indicate how to determine the list of time series to process, one of: <ul style="list-style-type: none"> <li>AllMatchingTSID – process time series that have identifiers matching the TSID parameter.</li> <li>AllTS – process all the time series.</li> <li>SelectedTS – process the time series that are selected (see selectTimeSeries()).</li> </ul>	None – must be specified.
TSID	Used if TSList=AllMatchingTSID to indicate the time series identifier or alias for the time series to be filled. Specify * to match all time series or use a wildcard for one or more identifier parts.	Required if TSList=AllMatchingTSID.
ConstantValue	Constant value to use when filling missing data.	None – must be specified.
FillStart	Date/time indicating the start of filling, using a precision appropriate for the time series, or OutputStart.	Fill the entire time series.
FillEnd	Date/time indicating the end of filling, using a precision appropriate for the time series, or OutputEnd.	Fill the entire time series.
FillFlag	If specified as a single character, data flags will be enabled for the time series and each filled value will be tagged with the specified character. The flag can then be used later to label graphs, etc. The flag will be appended to existing flags if necessary.	No flag is assigned.

A sample commands file is as follows:

```
# 08236500 - ALAMOSA RIVER BELOW TERRACE RESERVOIR
08236500.DWR.Streamflow.Month~HydroBase
fillConstant(TSList=AllMatchingTSID,TSID="08236500.DWR.Streamflow.Month",
ConstantValue=500,FillStart="1970-02",FillEnd="1970-10",FillFlag="C")
```