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# Command Reference: fillRepeat()

## Fill Missing Time Series Data by Repeating Known Data Values

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The `fillRepeat()` command fills missing data in time series by repeating observations until another observation is found. This fill technique is useful, for example, where time series are likely to be step-wise or nearly constant, such as some reservoir and diversion time series. The following dialog is used to edit the command and illustrates the syntax of the command.

**Edit fillRepeat() Command**

This command fills missing data in the time series by repeating non-missing values.  
The fill direction can be forward or backward.  
Specify the maximum intervals as blank or zero to fill any gap.  
The fill start and end, if specified, will limit the period that is filled.  
Use standard date/time formats appropriate for the date/time precision of the time series.

Time series to fill:

Fill start date/time:

Fill end date/time:

Fill direction:

Max. intervals:

Command:

fillRepeat

**fillRepeat() Command Editor**

The command syntax is as follows:

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

#### Command Parameters

Parameter	Description	Default
TSID	The time series identifier or alias for the time series to be filled. Specify as * to fill all time series.	None – must be specified.
FillStart	The starting date/time for the fill.	Available period.
FillEnd	The ending date/time for the fill.	Available period.
FillDirection	Specify the direction of the fill as Forward or Backward.	Forward
MaxIntervals	The maximum number of intervals to fill in a data gap.	Fill entire gap.

A sample commands file is as follows:

```
# 08236500 - ALAMOSA RIVER BELOW TERRACE RESERVOIR
08236500.DWR.Streamflow.Month~HydroBase
fillRepeat(TSID="08236500.DWR.Streamflow.Month",FillDirection=Forward)
```