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# Command Reference: TS Alias = ReadDateValue()

Read a single time series from a DateValue File

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The `TS Alias = ReadDateValue()` command reads a single time series from a DateValue file (see the **DateValue Input Type Appendix**) and assigns an alias to the result. This command should not be confused with the `ReadDateValue()` command that does not use the alias, which reads all time series in a DateValue file. Currently the file being read **must contain only one time series**.

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

**Edit TS Alias = ReadDateValue() Command**

Read a single time series from a DateValue format file and assign an alias to the time series.  
Specify a full path or relative path (relative to working directory) for a DateValue file to read.  
The working directory is: C:\Develop\TSTool\_SourceBuild\TSTool\test\regression\UserManualExamples\TestCases\CommandReference\ReadDateValue\_Alias  
Specifying the input period will limit data that are available for fill commands but can increase performance.

Time series alias:

DateValue file to read:

Identifier/Alias to Read:  Pattern to match a time series to read (under development).

Units to convert to:

Period to read:  to

Command:  

```
TS TS_ARMA = ReadDateValue(InputFile="TS_ARMA.out",TSID="*")
```

ReadDateValue\_Alias

**TS Alias = ReadDateValue() Command Editor**

The command syntax is as follows:

```
TS Alias = ReadDateValue (Parameter=Value,...)
```

#### Command Parameters

| Parameter  | Description   | Default                           |
|------------|---|-----------------------------------|
| Alias      | Alias for the new time series that is read from the file, which can be used instead of the TSID in other commands.  | None – must be specified.         |
| InputFile  | The name of the DateValue input file to read, surrounded by double quotes. The path to the file can be absolute or relative to the working directory.         | None – must be specified.         |
| TSID       | A time series identifier pattern to filter the read – this parameter is currently not used. Therefore the DateValue file should contain only one time series. | Currently ignored.                |
| NewUnits   | The new units for the time series. The data values will be converted to these units.  | Use the units read from the file. |
| InputStart | The start of the period to read data – specify if the period should be different from the global query period.  | Use the global query period.      |
| InputEnd   | The end of the period to read data – specify if the period should be different from the global query period.  | Use the global query period.      |

A sample command file is as follows:

```
TS TS_ARMA = ReadDateValue (InputFile="TS_ARMA.out")
```