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# Command Reference: SetProperty()

## Set a property for the time series processor

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The `SetProperty()` command sets the value of a property used by the time series processor. The property will be available to subsequent commands that support using `${Property}` notation in parameters, for example to specify filenames more dynamically or use with `If()` commands. This command should not be confused with the `SetTimeSeriesProperty()` command, which sets a property on specific time series.

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

**Edit SetProperty() Command**

Set a property for the processor. The property can be referenced in parameters of some commands using `${Property}` notation. Specify date/times using standard notations to appropriate precision (e.g., YYYY-MM-DD hh:mm:ss). Special values also are recognized for date/times (for all precisions). See also the `SetInputPeriod()` command for examples of date/time modifiers, such as `.Timezone()`, which sets the time zone.

- CurrentToYear = the current date to year precision
- CurrentToMinute = the current date/time to minute precision
- CurrentToMinute - 7Day = current date/time minus 7 days
- CurrentToMinute + 7Day = current date/time plus 7 days

Property name:	<input type="text" value="DateTimeProp"/>	Required - do not use spaces \$, { or } in name.
Property type:	<input type="text" value="DateTime"/>	Required - to ensure proper initialization and checks.
Property value:	<input type="text" value="CurrentToMinute"/>	Required - property value, can use <code>\${Property}</code> .

Command:

```
SetProperty(PropertyName="DateTimeProp",PropertyType=DateTime,PropertyValue="CurrentToMinute")
```

SetProperty

**SetProperty() Command Editor**

The command syntax is as follows:

```
SetProperty(Parameter=Value,...)
```

#### Command Parameters

Parameter	Description	Default
PropertyName	The property name.	None – must be specified.
PropertyType	The property type, used for validation, one of: <ul style="list-style-type: none"><li>• Boolean – a boolean</li><li>• DateTime – a date/time</li><li>• Double – a floating point number</li><li>• Integer – an integer</li><li>• String – a string</li></ul> DateTime objects can be specified with special syntax to use current time and modifiers on the DateTime. See the <code>SetInputPeriod()</code> command for more information.	None – must be specified.
PropertyValue	The value of the property, adhering to property type constraints. Date/time properties should be specified using standard formats such as “YYYY-MM-DD hh:mm:ss”, to an appropriate precision. Special date/time syntax is recognized, as shown in the above figure. Global properties can be used with the <code>\${Property}</code> syntax.	None – must be specified.

A sample commands file is as follows:

```
SetProperty(PropertyName="Scenario",PropertyType=String,PropertyValue="Likely")
```