
Command Reference:

FormatDateTimeProperty()

Format a date/time property as a new string property

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The `FormatDateTimeProperty()` command creates a new global string property by formatting an existing date/time property. These properties are accessible to commands using `${Property}` notation. A formatted date/time string is useful when specifying filenames more dynamically. Date/time properties will by default be formatted using the ISO 8061 format (e.g., YYYY-MM-DD hh:mm:ss). Support for properties varies by command and command documentation should be consulted. 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 FormatDateTimeProperty() Command

Format a date/time property to create a new string property.
The property can be referenced in parameters of some commands using `${Property}` notation.
For example, use the string property to create file names that include date/time information.

Property name: Required - new property (do not use spaces \$, { or } in name).

Date/time property name: Required - existing date/time property to format.

Formatter type: Optional - formatting to use (default=Strftime).

Format: Insert: Required - format string for formatter.

Command:

```
FormatDateTimeProperty(PropertyName="DateTimePropString", Format="%Y-%m-%dT%H:%M:%S")
```

FormatDateTimeProperty

FormatDateTimeProperty() Command Editor

The command syntax is as follows:

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

Command Parameters

Parameter	Description	Default
PropertyName	The name of the string property to be created.	None – must be specified.
DateTimePropertyName	The name of the existing date/time property to be formatted.	None – must be specified.
FormatterType	The date/time formatter type, which defines the format specifiers, one of: <ul style="list-style-type: none">Excel – Microsoft Excel (currently not supported but may be added in the future).Strftime – the C programming language <code>strftime()</code> function, which has	Strftime

Parameter	Description	Default
	been widely copied (described below).	
Format	<p>The format string for the formatter, which defines how date/time data parts are formatted into the new string property. The string is interpreted by the formatter as follows:</p> <ul style="list-style-type: none"> • Formatter=Strftime – The string can contain literal characters and format specifiers that start with the % character. 	None – must be specified.

The following table lists the supported formatting strings for **FormatterType=Strftime**:

Supported Strftime Formatting Specifiers

Format Specifier	Description
%a	Weekday abbreviation (e.g., Sun)
%A	Weekday (e.g., Sunday).
%b	Month abbreviation (e.g., Jan).
%B	Month (e.g., January).
%d	Day (01-31).
%H	Hour (00-23).
%I	Hour (01-12).
%j	Day of year (001-366).
%m	Month (01-12).
%M	Minute (00-59).
%p	AM, PM (noon=PM, midnight=AM).
%S	Second (00-59).
%Y	Year (00-99).
%Y	Year (0000-9999).
%Z	Time zone (e.g., MST).

A sample command file is as follows:

```
SetProperty(PropertyName="DateTimeProp",PropertyType=DateTime,
    PropertyValue="CurrentToSecond" )
FormatDateTimeProperty(PropertyName="DateTimePropString",
    DateTimePropertyName="DateTimeProp",Format="%Y-%m-%dT%H:%M:%S" )
```