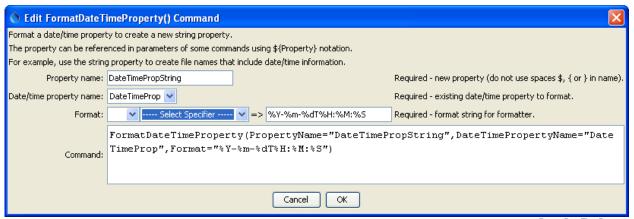
Command Reference: FormatDateTimeProperty()

Format a date/time property as a new string property

ersion 10.16.00, 2013-01-15

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.



FormatDateTimeProperty() Command Editor

FormatDateTimeProperty

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: C - the C programming language strftime() function, which has been widely copied (described below). MS - Microsoft convention (currently not supported but may be added in the future). 	С

Parameter	Description	Default
Format	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:	None – must be specified.
	• Formatter=C - The string can contain literal characters and format specifiers that start with the % character.	

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

Supported C (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")
```