

## Re: SWbemDateTime to Win 2k Compatible

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*Source:*

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.vbscript/2007-12/msg00182.html>

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- *From:* "Richard Mueller [MVP]" <[rlmueller-nospam@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:rlmueller-nospam@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 10 Dec 2007 17:33:31 -0600
- 

I don't find information on a TimeGenerated property, but the TimeWritten property of event logs is in UTC in the form:

yyyymmddHHMMSS.xxxxx-UUU

where:

yyyy is the year  
mm is the month  
dd is the day  
HH is the hour  
MM the minute  
SS the second  
xxxxxx milliseconds  
UUU is number of minutes to subtract from current time to get UTC.

The TimeWritten property is not an Integer8 value, but a generalized date/time format. To get logs written in the last two hours (accurate to within one second) you could use code similar to:

```
=====
' Get current date/time less 2 hours.
dtmStart = DateAdd("h", -2, Now())

' Convert to generalized date/time format.
strValue = CStr(Year(dtmStart)) _
& Right("0" & CStr(Month(dtmStart)), 2) _
& Right("0" & CStr(Day(dtmStart)), 2) _
& Right("0" & CStr(Hour(dtmStart)), 2) _
& Right("0" & CStr(Minute(dtmStart)), 2) _
& Right("0" & CStr(Second(dtmStart)), 2) _
& ".000000-480"
=====
```

This assumes your time zone bias is -480 minutes. This value can be used in the WMI query for event logs.

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Richard Mueller  
Microsoft MVP Scripting and ADSI

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Hilltop Lab – <http://www.rlmueller.net>

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"Viper640" <pat@xxxxxxxxxx> wrote in message  
[news:32904264-6730-4CFE-BFBD-BD9817B15021@xxxxxxxxxxxxxxxxxxxx](mailto:news:32904264-6730-4CFE-BFBD-BD9817B15021@xxxxxxxxxxxxxxxxxxxx)

they might help me a little, but if i convert the dates to integers will  
the  
wmi query recognize them as date time values or integers?

the end result is to get two values to input into the wmi query so i can  
restrict the output of events to a few hours worth. the SWbemDateTime  
function i used in the last script doosn't work on win 2k, so i need  
another  
method to compute the two dates. if converting them to integers will help  
im  
all for it but if the WMI wont accept them then i would need something  
else.

thanks for all your help i will see if these help me. if anyone has other  
ideas feel free to list them. thanks again!

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Patrick Roye  
Managed Services Dept.  
Main Street Software, Inc.

"Richard Mueller [MVP]" wrote:

The SWbemDateTime object is not available in Windows 2000. It's a bit  
hard  
to tell what you are doing, but if you need to convert the current time  
in  
the local time zone to an Integer8 value in UTC, perhaps you can use this  
VBScript example:

<http://www.rlmueller.net/Programs/DateToInteger8.txt>

The local time zone bias is read from the local registry. Any specifed  
date/time value in the current time zone is converted to the  
corresponding  
Integer8 (64-bit) value in UTC.

Another method would be to use the w32tm.exe utility, but this also is  
not  
available on W2k. If you need to do the reverse (convert an Integer8  
value  
to a date/time in the current time zone), see this example:

<http://www.rlmueller.net/Programs/Integer8Date.txt>

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Richard Mueller  
Microsoft MVP Scripting and ADSI  
Hilltop Lab – <http://www.rlmueeller.net>  
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