

## HOW TO GET LAST EVENT (BASED ON ID) TRIGGERED ON A WINDOWS SYSTEM (WMI)

It could be useful to get the last event, based on **ID**, on a Windows-based system through a WMI query using VBScript. The following code will get the last event using the ID code specified in the WMI query (**EventCode = '7036'** in this example):

```
'Run the function
ShowServicesEvent
'The function

Public Function ShowServicesEvent()

Set dtmConvertedDate = CreateObject("wbemScripting.SwbemDateTime")

strComputer = "."

count = 0

Set objWMIService = GetObject("winmgmts:" & "{impersonationLevel=impersonate}!\" & strComputer &
"\root\cimv2")

Set colServiceEvents = objWMIService.ExecQuery("Select * from win32_NTLogEvent where Logfile = 'System'
and EventCode = '7036'")

For Each strEvent in colServiceEvents

dtmConvertedDate.Value = strEvent.TimeWritten

Wscript.Echo dtmConvertedDate.GetVarDate

Wscript.Echo strEvent.Message

count = count + 1

if count <> 0 Then

Exit Function

End If

Next

End Function
```

**Note:** note that the "count" section is needed to limit the results provided by WMI Core to a unique record. This is needed because WMI queries doesn't support a "**SELECT TOP {X} ...**" query type.

The following is the version without the "**LIMIT 1**" code portion (pay attention to run this code through a **VBScript** because it could provide a lot of records using **MsgBox**):

```
Public Function ShowServicesEvent()  
  
Set dtmConvertedDate = CreateObject("wbemScripting.SwbemDateTime")  
  
strComputer = "."  
  
count = 0  
  
Set objWMIService = GetObject("winmgmts:" & "{impersonationLevel=impersonate}!\" & strComputer &  
"root\cimv2")  
  
Set colServiceEvents = objWMIService.ExecQuery("Select * from win32_NTLogEvent where Logfile = 'system'  
and EventCode = '7036'")  
  
For Each strEvent in colServiceEvents  
  
dtmConvertedDate.Value = strEvent.TimeWritten  
  
Wscript.Echo dtmConvertedDate.GetVarDate  
  
Wscript.Echo strEvent.Message  
  
Next  
  
End Function
```

## PARAMETRIC VERSION

```
ShowServicesEvent(1000)  
  
Public Function ShowServicesEvent(evcode)  
  
Set dtmConvertedDate = CreateObject("wbemScripting.SwbemDateTime")  
  
strComputer = "."  
  
evcode = evcode  
  
count = 0  
  
Set objWMIService = GetObject("winmgmts:" & "{impersonationLevel=impersonate}!\" & strComputer &  
"root\cimv2")  
  
Set colServiceEvents = objWMIService.ExecQuery("Select * from win32_NTLogEvent where Logfile = 'system'  
and EventCode = '" & evcode & "'")  
  
For Each strEvent in colServiceEvents  
  
dtmConvertedDate.Value = strEvent.TimeWritten  
  
Wscript.Echo dtmConvertedDate.GetVarDate  
  
Wscript.Echo strEvent.Message  
  
count = count + 1  
  
if count <> 0 Then  
  
Exit Function  
  
End If  
  
Next  
  
End Function
```