# C:\Users\stefano.maggi.CONBIPELSPA\Desktop\prom38.png

**Date**: 23/01/2013

**Procedure:** How to get last event (based on ID) triggered on a Windows system (WMI)

**Source:** [**LINK**](http://www.heelpbook.net/)

**Permalink:** [**LINK**](http://heelpbook.altervista.org/2013/how-to-get-last-event-based-on-id-triggered-on-a-windows-system-wmi/)

**Created by:** HeelpBook Staff

**Document Version:** 1.0

# **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 functionShowServicesEvent‘The functionPublic Function ShowServicesEvent()Set dtmConvertedDate = CreateObject(“WbemScripting.SWbemDateTime”)strComputer = “.”count = 0Set 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 colServiceEventsdtmConvertedDate.Value = strEvent.TimeWrittenWscript.Echo dtmConvertedDate.GetVarDateWscript.Echo strEvent.Messagecount = count + 1if count <> 0 ThenExit FunctionEnd IfNextEnd 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 = 0Set 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 colServiceEventsdtmConvertedDate.Value = strEvent.TimeWrittenWscript.Echo dtmConvertedDate.GetVarDateWscript.Echo strEvent.MessageNextEnd Function |

## **Parametric Version**

|  |
| --- |
| ShowServicesEvent(1000)Public Function ShowServicesEvent(evcode)Set dtmConvertedDate = CreateObject(“WbemScripting.SWbemDateTime”)strComputer = “.”evecode = evcodecount = 0Set objWMIService = GetObject(“winmgmts:” & “{impersonationLevel=impersonate}!\\” & strComputer & “\root\cimv2″)Set colServiceEvents = objWMIService.ExecQuery(“Select \* from Win32\_NTLogEvent Where Logfile = ‘System’ and EventCode = ‘” & evecode & “‘”)For Each strEvent in colServiceEventsdtmConvertedDate.Value = strEvent.TimeWrittenWscript.Echo dtmConvertedDate.GetVarDateWscript.Echo strEvent.Messagecount = count + 1if count <> 0 ThenExit FunctionEnd IfNextEnd Function |