

Screen Resolution revisited

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.wmi/2005-07/msg00017.htm>

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Hi,

I tried Torgeir's scripts today (see below) on a range of video hardware (Intel and ATI) and found the correct information was returned. Very useful!

The only slight oddity, was that the very new Intel chipsets are producing more than one 'item' in the collection and the second item takes about four seconds to retrieve, and then returns 'null' for both horizontal and vertical with both scripts.

I'm guessing this is related to some kind of dual monitor support? It would be good if there was something a bit like wot u get with network adapters where you can set a condition 'Primary=true' to only get the primary display...

```
'-----8<-----
strComputer = "."      ' use "." for local computer
Set objWmi = GetObject("winmgmts:{impersonationLevel=impersonate}!\" _
    & strComputer & "\root\cimv2")

Set colItems = objWmi.ExecQuery _
    ("Select * from Win32_VideoController")

For Each objItem in colItems
    WScript.Echo objItem.CurrentHorizontalResolution
    WScript.Echo objItem.CurrentVerticalResolution
Next
'-----8<-----
```

```
'-----8<-----
```

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```
strComputer = "." ' use "." for local computer
Set objWmi = GetObject("winmgmts:{impersonationLevel=impersonate}!\\" _
    & strComputer & "\root\cimv2")

Set colItems = objWmi.ExecQuery _
    ("Select * from Win32_DesktopMonitor")

For Each objItem in colItems
    WScript.Echo objItem.ScreenWidth
    WScript.Echo objItem.ScreenHeight
Next
'-----8<-----

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```