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Software List - Inventory - WMIC Product

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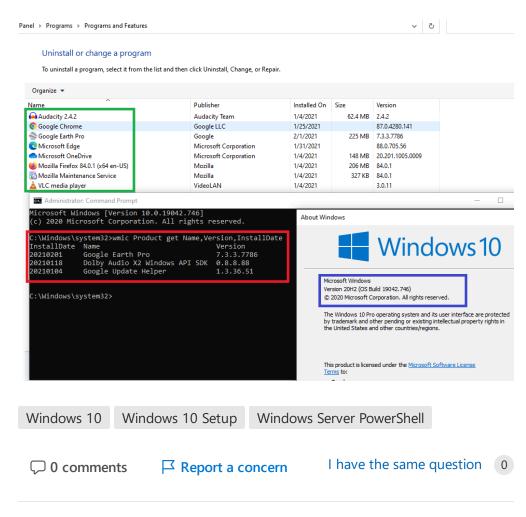
Feb 1, 2021, 10:19 AM

Hi,

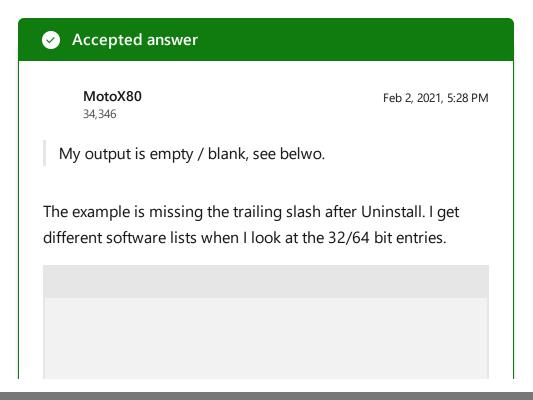
I am trying to generate a list of the installed software using WMIC Product, but it seems like I am getting one a few items listed with command.

See below screenshot for the installed product (available in Control Panel) and the WMIC Product Output as well as my current Windows version.

What might I am doing wrong?



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```
Get-ItemProperty HKLM:\Software\Wow6432Node\Microsoft\Get-ItemProperty HKLM:\Software\Microsoft\Windows\Curi
```

For a combined view, run this.

```
function Analyze( $p, $f) {
    Get-ItemProperty $p | foreach {
       if (($_.DisplayName) -or ($_.version)) {
            [PSCustomObject]@{
                    From = f;
                    Name = $_.DisplayName;
                    Version = $_.DisplayVersion;
                    Install = $_.InstallDate
             }
       }
   }
}
$s = @()
$s += Analyze 'HKLM:\Software\Microsoft\Windows\Currer
$s += Analyze 'HKLM:\Software\Wow6432Node\Microsoft\W:
$s | Sort-Object -Property Name
```

Instead of WMIC, try Get-CimInstance

```
Get-CimInstance Win32_Product | Sort-Object -property
```

One behavior I have noticed is that referencing Win32_Product generates an event for each product in the application event log. Check your log. You might be getting an error that is stopping the analysis.

Log Name: Application

Source: Msilnstaller

Date: 2/2/2021 10:06:39 AM

Event ID: 1035

Task Category: None Level: Information Keywords: Classic User: SYSTEM Computer: slick Description:

Windows Installer reconfigured the product. Product Name: Microsoft SQL Server 2014 Management Objects. Product Version: 12.0.2000.8. Product Language: 1033. Manufacturer: Microsoft Corporation. Reconfiguration success or error status: 0.

Please sign in to rate this answer.

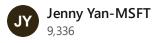
1 person found this answer helpful.

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2 additional answers





Feb 2, 2021, 9:19 AM

Hi,

I guess it might be related that "Win32_Product WMI class represents products as they are installed by Windows Installer. A product generally correlates to one installation package."

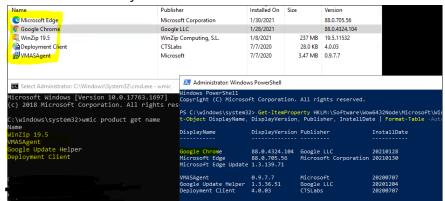
And per further searching, there is also powershell command shared to get installed applications:

Get-ItemProperty

HKLM:\Software\Wow6432Node\Microsoft\Windows\Current

Version\Uninstall* | Select-Object DisplayName,
DisplayVersion, Publisher, InstallDate | Format-Table –AutoSize

Screemshots of my test VM



Reference link:

https://devblogs.microsoft.com/scripting/use-powershell-to-quickly-find-installed-software/ 2

Hope this helps and please help to accept as Answer if the response is useful.

Thanks,

Jenny

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Feb 2, 2021, 10:00 AM

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My output is e	mpty / blank, see belwo.	
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