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GET-USBCONTROLLER

24/10/2018 by STEPHANOS — LEAVE A COMMENT

Description

Get-USBController will provide you the information about the capabilities of a universal serial bus (USB) controller.

Note: You need to install SysInfo module in order for this cmdlet to be available. For more information, see PowerShell Module SysInfo.

Syntax:

```
Get-USBController
    [[-ComputerName] <String[]>]
    [[-Protocol] <String>]
    [[-Properties] <String[]>]
    [<CommonParameters>]
```

Requirements

- SysInfo PowerShell Module
- WinRM Enabled and PowerShell 3.0 (only if you use WinRM protocol)

If you want to find more about the specific cmdlet while you are in PowerShell you can use the below to get the help file.

Code:

```
Get-Help Get-USBController
```

Output:

```
PS C:\Windows> Get-Help Get-USBController

NAME
    Get-USBController

SYNOPSIS
    Gets the information about the capabilities of a universal
    serial bus (USB) controller.

SYNTAX
    Get-USBController [[-ComputerName] <String[]>] [[-Protocol] <String>] [[-Properties] <String[]>] [<CommonParameters>]

DESCRIPTION
    Gets the information about the capabilities of a universal
    serial bus (USB) controller and converts all codes in
    results into human readable format.

RELATED LINKS
    https://www.sconstantinou.com/get-usbcontroller

REMARKS
    To see the examples, type: "get-help Get-USBController -examples".
    For more information, type: "get-help Get-USBController -detailed".
    For technical information, type: "get-help Get-USBController -full".
    For online help, type: "get-help Get-USBController -online"
```

Now lets see few examples about `Get-USBController`.

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Examples

Example 1

This command gets the information from local system.

```
PS C:\> Get-USBController
```

```
Name
----
Intel(R) 6 Series/C200 Series Chipset Family USB Enhanced Host
Intel(R) 6 Series/C200 Series Chipset Family USB Enhanced Host
```

Example 2

```
PS C:\> Get-USBController -ComputerName Server1

Name
----
Intel(R) C610 series/X99 chipset USB Enhanced Host Controller :
Intel(R) C610 series/X99 chipset USB Enhanced Host Controller :
Intel(R) USB 3.0 eXtensible Host Controller - 0100 (Microsoft)
```

Example 3

This command gets the information from remote system with IP 192.168.0.5.

```
PS C:\> Get-USBController -ComputerName "192.168.0.5"
```

Example 4

This command gets the information from Server1, Server2 and Server3.

```
PS C:\> Get-USBController -ComputerName Server1,Server2,Server
```

Example 5

This command gets the information from Server1 and will output only
Name and Status Properties.

```
PS C:\> Get-USBController -ComputerName Server1 -Properties Na
```

Example 6

This command gets the information from Server1 and will output all properties.

```
PS C:\> Get-USBController -ComputerName Server1 -Properties *
```

This command gets the information from Server1.

```
PS C:\> "Server1" | Get-USBController
```

Example 8

This command gets the information from Server1 using DCOM protocol.

```
PS C:\> Get-USBController -ComputerName Server1 -Protocol DCOM
```

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Optional Parameters

- `-ComputerName`
  - Description: Specifies the computer names or IP Addresses of the systems that we want to get the information from.
  - Required: False
  - Position: 1
  - Default value: None
  - Accept pipeline input: True (ByValue)
  - Accept wildcard characters: False
- `-Protocol`
  - Description: Specifies the protocol that will be used to get the information from the remote system.
  - Accepted Values: DCOM or WinRM
  - Required: False
  - Position: 2
  - Default value: None
  - Accept pipeline input: False
  - Accept wildcard characters: False
- `-Properties`
  - Description: Specifies the object properties that appear in the display

- Default value
- Accept pipeline input: False
- Accept wildcard characters: True

Inputs

System.Array.

Get-USBController can accept a string value to determine the ComputerName parameter.

Outputs

System.Object.

Get-USBController returns an object containing all the information that has been retrieved.

[adinserter name="In Article"]

Related Links

- Get-1394Controller
- Get-BaseBoard
- Get-Battery
- Get-BIOS
- Get-Bus
- Get-CacheMemory
- Get-CDROMDrive
- Get-CompactDisc
- Get-Desktop
- Get-DesktopMonitor
- Get-DiskDrive

- Get-FloppyDrive
- Get-GlidePoint
- Get-HeatPipe
- Get-IDEController
- Get-InfraredDevice
- Get-Keyboard
- Get-LocalDisk
- Get-LogicalDisk
- Get-MemoryArray
- Get-MemoryDevice
- Get-MotherboardDevice
- Get-Mouse
- Get-NetworkAdapter
- Get-NetworkAdapterConfiguration
- Get-NetworkDrive
- Get-OperatingSystem
- Get-OpticalSensor
- Get-PhysicalMemory
- Get-PhysicalMemoryArray
- Get-PointingDevice
- Get-PortableBattery
- Get-PrinterConfiguration
- Get-PrinterInfo
- Get-Processor
- Get-RAMDisk
- Get-Refrigeration
- Get-RemovableDisk
- Get-SCSIController
- Get-SoundDevice
- Get-SystemEnclosure
- Get-TapeDrive
- Get-TemperatureProbe

- Get-VideoController
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- PowerShell Module SysInfo

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