

Forum:[Hack Forums](#)

Thread: [\[VB.NET\]Check Battery Status](#)

codepoet - May 1, 2010, 8:58 pm

originally posted on dotnet-snippets.com

Description:

With this little class you can check the battery status of your notebook.

Code Public Class BatteryStatus

```
Private Declare Auto Function GetSystemPowerStatus Lib "kernel32.dll" ( _  
    ByRef lpSystemPowerStatus As SYSTEM_POWER_STATUS) _  
    As Integer
```

```
Public Structure SYSTEM_POWER_STATUS
```

```
    Public ACLineStatus As ACLineStatus
```

```
    Public BatteryFlag As BatteryFlag
```

```
    Public BatteryLifePercent As Byte
```

```
    Public Reserved1 As Byte
```

```
    Public BatteryLifeTime As Integer
```

```
    Public BatteryFullLifeTime As Integer
```

```
End Structure
```

```
Public Enum BatteryFlag As Byte
```

```
    High = 1
```

```
    Low = 2
```

```
    Critical = 4
```

```
    Charging = 8
```

```
    NoSystemBattery = 128
```

```
    Unknown = 255
```

```
End Enum
```

```
Public Enum ACLineStatus As Byte
```

```
    Offline = 0
```

```
    Online = 1
```

```
    Unknown = 255
```

```
End Enum
```

```
Public Shared Function GetStatus() As SYSTEM_POWER_STATUS
```

```
    Dim SPS As New SYSTEM_POWER_STATUS
```

```
    GetSystemPowerStatus(SPS)
```

```
    Return SPS
```

```
End Function
```

```
End Class
```

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Dark_Knight_ - May 2, 2010, 1:18 am

The one way to take the result is Code `MsgBox(BatteryStatus.GetStatus.BatteryLifePercent)`

julian - May 2, 2010, 5:31 am

The structure should have an attribute applied (for stability):

Code `<StructLayout(LayoutKind.Sequential)> _`

Structre ...

BatteryFlags should have the `Flags()` attribute applied, as it is a flags enum:

Code `<Flags()> _`

Enum BatteryFlags as Byte

...

Mario - May 2, 2010, 7:17 am

Lol gunna add this to my RAT.. check victoms Laptop battrey status.. why.. i dont know. but it will be cool

Dragon Hawk - May 2, 2010, 7:21 am

WTF 72 views and 3 replies lol

thanks for sharing

pr0t0typ3 - May 2, 2010, 7:23 am

Nice work... Btw where do you get all these ideas of using the windows dlls and Api Calls for that good functions?

codepoet - May 2, 2010, 8:31 am

im glad you all like it.

Icy Wind - May 2, 2010, 8:38 am

How come if i google any of "your" snippets i find them on dotnet-snippets.com?

Jeff. - May 2, 2010, 9:19 am

He's just coping or he's the author of them @ dotnet-snippets.com ?

codepoet - May 2, 2010, 2:17 pm

if you read the whole post you can tell that i posted it there and now here