



Battery information serial number query system

How do I know if a battery has a serial number?

Battery Name: The name of your battery. Manufacture Name: The name of the company that manufactured the battery. Serial Number: The serial number of your battery. This value is displayed only if the battery supports it. Manufacture Date: The date that the battery was manufactured. This value is displayed only if the battery supports it.

What is a battery ID?

Null-terminated Unicode string that uniquely identifies the battery. This value can be used to track a specific battery. In the case of smart batteries, this ID would be the concatenation of the manufacturer's name, device name, date of manufacture, and a printable representation of the serial number.

How do I retrieve the latest commit in get-batteryinfo?

Cannot retrieve latest commit at this time. Get-BatteryInfo uses Windows Management Instrumentation (WMI) to retrieve basic battery and computer information and displays the results in console. On Windows 8+ machines Get-BatteryInfo also launches the inbuilt PowerCfg /batteryreport command to generate a detailed Battery Report HTML-file.

How do I create a battery report?

On Windows 8+ machines also a detailed Battery Report (battery-report.html and an adjacent XML-file) will be created at \$path. Please note that on Windows 8+ machines the battery report files will be created in a directory, which is specified with the \$path variable (at line 6). The \$env:temp variable points to the current temp folder.

How do I retrieve basic battery information from GitHub?

GitHub - auberginehill/get-battery-info: Retrieves basic battery information (a Windows PowerShell script). Cannot retrieve latest commit at this time. Get-BatteryInfo uses Windows Management Instrumentation (WMI) to retrieve basic battery and computer information and displays the results in console.

How is battery state information transmitted to the embedded controller?

Generally, the battery state information is transmitted over a SMBUS bus to the embedded controller, a.k.a. EC, which in turn interfaces to the OS via ACPI methods. These methods can interrogate the embedded controller for battery state information and the embedded controller is able to generate a SCI when state changes.

Contains battery information. This structure is returned by the IOCTL_BATTERY_QUERY_INFORMATION control code when the BatteryInformation ...



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BatteryInfoView is a small utility for laptops and netbook computers that displays the current status and information about your battery. The displayed battery information includes the ...

Get-BatteryInfo uses Windows Management Instrumentation (WMI) to retrieve basic battery and computer information and displays the results in console. On Windows 8+ machines Get ...

You could use WMI and the Win32_Battery class. It has a property called Chemistry that has this information. UPDATE: Actually, there is also Win32_PortableBattery, which would be more appropriate for a laptop battery. They ...

Get-BatteryInfo uses Windows Management Instrumentation (WMI) to retrieve basic battery and computer information and displays the results in console. On Windows 8+ machines Get-BatteryInfo also launches the inbuilt PowerCfg /batteryreport command to generate a detailed Battery Report HTML-file.

The ACPI _BIF or _BIX ACPI methods returns to the OS the static (non-changing) information about the battery, such as model number, serial number, design volatage, capacity warning ...

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BATTERY_QUERY_INFORMATION bqi = {0}; DWORD dwWait = 0; DWORD dwOut; if (DeviceIoControl(hBattery, IOCTL_BATTERY_QUERY_TAG, & dwWait, ...

Contains battery query information. This structure is used with the IOCTL_BATTERY_QUERY_INFORMATION control code to specify the type of information to return. ULONG BatteryTag; BATTERY_QUERY_INFORMATION_LEVEL InformationLevel; LONG AtRate; The current battery tag for the battery.

In Delphi 7 I'm working on a library implementing an object encapsulating information about the batteries attached to a system. It's working well, except for retrieving the ...

Contains battery information. This structure is returned by the IOCTL_BATTERY_QUERY_INFORMATION control code when the BatteryInformation information level is requested. Syntax

In Delphi 7 I'm working on a library implementing an object encapsulating information about the batteries attached to a system. It's working well, except for retrieving the serial number for the battery. The code I am using for this call is as follows: bqi: TBatteryQueryInformation; Serial: PWideChar; SerialSize, dwOut: DWORD;

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BATTERY_QUERY_INFORMATION bqi = {0}; DWORD dwWait = 0; DWORD dwOut; if (DeviceIoControl(hBattery, IOCTL_BATTERY_QUERY_TAG, & dwWait, sizeof(dwWait), & bqi.BatteryTag, sizeof(bqi.BatteryTag), & dwOut, NULL) && bqi.BatteryTag) { // With the tag, you can query the battery info.

You could use WMI and the Win32_Battery class. It has a property called Chemistry that has this information. UPDATE: Actually, there is also Win32_PortableBattery, which would be more appropriate for a laptop battery. They both inherit from the CIM_Battery ...

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The ACPI _BIF or _BIX ACPI methods returns to the OS the static (non-changing) information about the battery, such as model number, serial number, design volatage, capacity warning level, capacity low level, etc. This appears in the information presented in /proc/acpi/battery/*/info, e.g. on my machine:

Web: <https://nakhsolarandelectric.co.za>

