Archived:Checking battery level in Flash Lite

Archived: This article is **archived** because it is not considered relevant for third-party developers creating commercial solutions today. If you think this article is still relevant, let us know by adding the template {{ReviewForRemovalFromArchive|user=~~~~|*write your reason here*}}.

We do not recommend Flash Lite development on current Nokia devices, and all Flash Lite articles on this wiki have been archived. Flash Lite has been removed from all Nokia Asha and recent Series 40 devices and has limited support on Symbian. Specific information for Nokia Belle is available in Flash Lite on Nokia Browser for Symbian. Specific information for OLD Series 40 and Symbian devices is available in the Flash Lite Developers Library.

Overview

This code snippet demonstrates how to check the battery level using the SystemInfo Platform Service for Flash Lite, supported from S60 5th Edition onwards.

Source

```
// Import Platform Service Interface
import com.nokia.lib.Service;
```

```
// Heading of the application
heading_txt.text = "Checking Battery level";

// Create a new Service object which has SystemInfo Service data
var sysInfo = new Service("Service.SysInfo", "ISysInfo");

// Define input parameters
var inParams = {Entity:"Battery", Key:"BatteryStrength"};

// Retrieve information about a system attribute with an asynchronous call
sysInfo.GetInfo(inParams,onReceive);

// Define callback function
function onReceive(transactionID:Number, eventID:String, outParam:Object) {
 if (outParam.ErrorCode == 0) {
 var systemData = outParam.ReturnValue;
 var batteryStatus = systemData.Status;
 text_txt.text = "Battery status: "+batteryStatus+"%";
 } else {
 var errorId = outParam.ErrorCode;
 text_txt.text = "Error: "+errorId;
 }
}
```

Postconditions

The battery level of the device is displayed. Battery level is between 0 - 100 percent.

Example application

The following sample application has been tested in Nokia 5800 XpressMusic (S60 5th Edition, Flash Lite 3.0).
File:FlashLite Checking Battery Level.zip

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See also

- Flash Lite Developer's Library

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