

Archived:Checking network signal strength in Flash Lite

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We do not recommend Flash Lite development on current Nokia devices, and all Flash Lite articles on this wiki have been archived.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](#).

This code snippet demonstrates how to check network signal strength 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 Network Strength";

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

// Define input parameters
var inParams = {Entity:"Network", Key:"SignalStrength"};

// 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 signalStrength = systemData.Status;
        // Signal Strength is between 40 - 110 dB, where 40 is high
        text_txt.text = "Network Strength: "+signalStrength+"dB";
    } else {
        var errorId = outParam.ErrorCode;
        text_txt.text = "Error: "+errorId;
    }
}
```

Postconditions

Network signal strength of the device is displayed. The signal of the strength is between 40-110 dB, where 40 is high.

Example application

The following sample application has been tested in the Nokia 5800 XpressMusic (S60 5th edition, Flash Lite 3.0): [File:FlashLite Checking Network Strength.zip](#)

See also

- [Flash Lite Developer's Library](#)