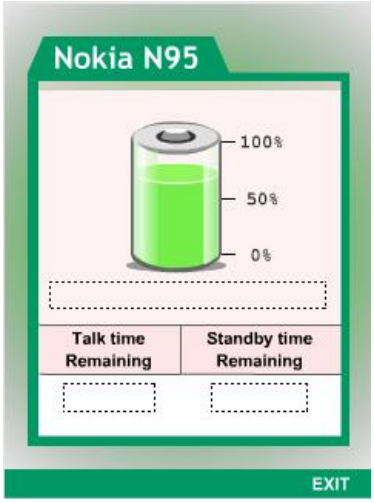
Archived:How to create a battery widget using Flash Lite (WRT)

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We do not recommend Flash Lite development on current Nokia devices, and all Flash Lite articles on this wiki have been archived.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



Flash Lite Code

Code

```
stop();
var talktime:Number;

var standbytime:Number;
device_name_txt = "N95";

//Get Instant Battery Check
batteryFunc();
// Monitor Battery level after certain time elapse to
// call the function to show batter status on the screen.
// Set Interval in miliseconds
setInterval(batteryFunc, 5000); //5 Seconds

//Battery func fetches the battery level and displays it on the screen
function batteryFunc(){

batMax = fscommand2("GetMaxBatteryLevel");
batLevel = fscommand2("GetBatteryLevel");
batSource = fscommand2("GetPowerSource");

//Change the battery_lvl_mc height depending on the Battery Level
_root.battery_mc.battery_lvl_mc._height = Math.ceil(batLevel*100/batMax);
```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Determining Battery life and standby time

Remaining Battery time and standby time can simply be known by the targeted device specifications. hence using a simple mathematical formula, results can be quickly known

```
//Show Battery text
//N95 - standard talk time is 6.5 Hours and Standby time is 220 Hours
battery_Txt = "Battery Level: " add Math.ceil(batLevel*100/batMax) add "%";
Talk_time_Txt = Math.round(batLevel*390/batMax) add " mins" ; //N95 6.5 Hours
stand_by_time_Txt = Math.ceil(batLevel*220/batMax) add " hr"; //N95 220 Hours

//Change Display status based on battery source
if (batSource == 0) {  //On Battery
 _root.battery_mc.gotoAndStop(2);
}
//Change Display status
else if (batSource == 1) { //On Charger
 _root.battery_mc.gotoAndStop(3);
}
else { //Unknown
 _root.battery_mc.gotoAndStop(1);
}

}
```

device specifications for some of the nokia mobile phones

```
//Determine Device talk time and standby time based on the Phone Specifications taken
from Nokia Website
statusdevice = fscommand2("GetDevice", "devicename");
switch(devicename) {
    case "Nokia N95":
        device_name_txt = "N95";
  talktime =  390; //6.5 hours
  standbytime = 220; //220 Hours
        break;
 case "Nokia 5300":
  device_name_txt = "5300";
  talktime =  192; //3.2 hours
  standbytime = 223; //220 Hours
        break;
 case "Nokia 6290":
  device_name_txt = "6290";
  talktime =  210; //3.5 hours
  standbytime = 260; //260 Hours
        break;
 case "Nokia 6300":
  device_name_txt = "6300";
  talktime =  210; //3.5 hours
  standbytime = 348; //348 Hours
        break;
 case "Nokia 7390":
  device_name_txt = "7390";
  talktime =  190; //3 hours
  standbytime = 220; //220 Hours
```


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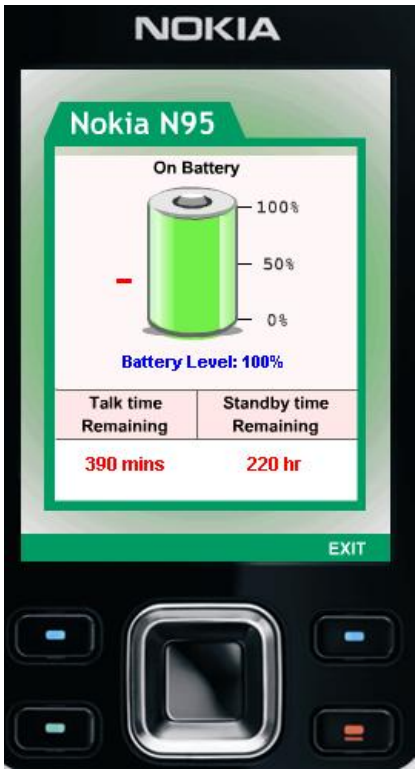
```
        break;
 case "Nokia 3250":
  device_name_txt = "3250";
  talktime =  210; //3.5 hours
  standbytime = 245; //245 Hours
        break;
}
```

Final Output



Downloads

Download source code

Links

How to Package Flash content in a Widget

--raheal_akh 00:14, 1 June 2008 (EEST) RAHEAL AKHTAR

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