

ID		Creation date	May 2, 2009
Platform	S60 2nd Edition, S60 3rd Edition, S60 5th Edition	Tested on devices	Nokia N95, Nokia E90
Category	M	Subcategory	Base/System

Keywords (APIs, classes, methods, functions): system

Overview

This article shows how to retrieve system information in [m](#).

Preconditions

Retrieving [IMSI](#) on [Nokia 6600](#) does not work. The returned value is 0000000000000000.

Source code

```
use system, gsm
```

```
print "Machine UID: " + system.hal(5)
print "CPU frequency in kHz: " + system.hal(11)
print "Display width in pixels: " + system.hal(31)
print "Display height in pixels: " + system.hal(32)
print "Display width in twips: " + system.hal(33)
print "Display height in twips: " + system.hal(34)
print "Display colors: " + system.hal(35)
print "System language: " + system.hal(68) //Returns 1 for English, 2 for French, 3 for German e
print "System drive: " + system.hal(72) //Returns 1 for A:, 2 for B:, 3 for C: etc.
print "Total RAM: " + system.hal(15)
print "Free RAM: " + system.hal(16)
print "Manufacturer and model (firmware): " + system.dev
print "Signal strength: " + gsm.signal() //Value between 0 and 100
print "Cell ID: " + gsm.cid()
print "MCC: " + gsm.net()["mcc"]
print "MNC: " + gsm.net()["mnc"]
print "Short network name: " + gsm.net()["short"]
print "Long network name: " + gsm.net()["long"]
print "LAC: " + gsm.net()["lac"]
print "IMEI: " + gsm.imei
print "IMSI: " + gsm.imsi
```

Postconditions

The information is displayed.

Additional information

The `hal` function's argument is an index corresponding to an attribute. See the [Symbian OS](#) documentation for a complete list of indexes and attributes.