

Extract the modem and SIM Card info

1. Purpose

The script example shown below allows to see GsmIMEI, GsmIMSI, GsmCellId, GsmLAC, GsmWlessNet & GsmNetRegTxt which located inside "estat.htm"

GsmSignal:15
GsmNetReg:2
GsmNetRegTxt:Absence de réseau !
GsmWlessNet:0
GsmNbOp:0
GsmOperList:
GsmOpName:B mobistar
GsmOpId:20610
GsmOpStat:?
GsmCellId:6697
GsmLAC:20350
RxPwr:-73
GsmBand:6
GsmCfgWlessNet:0
GsmIMEI:355576010071652
GsmIMSI:206109600000595
GsmCCID:89320260393138014520
HasGsm:1

GsmIMEI : The International Mobile Equipment Identity is a number, usually unique, to identify GSM . The IMEI number is used by a GSM network to identify valid devices and therefore can be used for stopping a stolen phone from accessing that network.

GSMIMSI : An International Mobile Subscriber Identity is a unique identification associated with all GSM,UMTS and LTE network mobile phone users.

GsmCellId : is a generally unique number used to identify each Base transceiver station (BTS) or sector of a BTS within a location area code (LAC) if not within a GSM network.

GsmLAC : local area code.

GsmWlessNet* : reports the current detected wireless network. This gives you a value from 0 to 5 which correspond to the network type.

- UNKNOWN = 0,
- GPRS = 1,
- EGPRS = 2,
- WCDMA = 3,
- HSPA = 4,
- NO_GPRS = 5

GsmNetRegTxt* : Indicates the network connection status (No Network, Home network or Roaming) followed by the detected network type in parentheses (EDGE, GPRS, HSPA, etc)

* Network type info not always available

2. Implementation

Put the following code into a User Section of the Basic Script in eWON.

```
GSM_Info:
Cls
SETSYS INF,"load"
A$ = GETSYS INF,"GsmIMEI"
Print "GsmIMEI : ";A$
A$ = GETSYS INF,"GsmIMSI"
Print "GsmIMSI : ";A$
A$ = GETSYS INF,"GsmCellId"
Print "GsmCellID : ";A$
A$ = GETSYS INF,"GsmLAC"
Print "GsmLAC : ";A$
A$ = GETSYS INF,"GsmWlessNet"
Print "GsmWlessNet : ";A$;" UNKNOWN = 0,GPRS = 1,EGPRS = 2,WCDMA =
3,HSPA = 4,NO_GPRS = 5"
A$ = GETSYS INF,"GsmNetRegTxt"
Print "GsmNetRegTxt : ";A$
End
```

We use the SETSYS INF,"load" to load information about eWON.

"A\$ = GETSYS INF,"GsmIMEI"" is use as to extract the value we want, in this case GsmIMEI

With the result below :

Script Control	
<pre>GsmIMEI : 355576010071652 GsmIMSI : 206014401742071 GsmCellID : 46383 GsmLAC : 7131 GsmWlessNet : 0 UNKNOWN = 0,GPRS = 1,EGP RS = 2,WCDMA = 3,HSPA = 4,NO_GPRS = 5 GsmNetRegTxt : Home network</pre>	
<input type="button" value="Update Output"/>	Script starts at eWON Boot <input type="checkbox"/> <input type="button" value="Update Autorun mode"/>
<input type="button" value="Execute Command"/>	<input type="text"/>



Revision

Revision History

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1.0	28/05/2014	Creation of document

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