Archived:Retrieving current network information on S60 2nd Edition FP2

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Overview

Retrieving current network information on S60 2nd Edition, Feature Pack 2 devices.

Description

CTelephony API is supported only from S60 2nd Edition, Feature Pack 3 onwards. Even though the API (etel3rdparty.h) is present in the S60 2nd Edition, Feature Pack 2 SDK, it is not supported by S60 2nd Edition, FP2 devices (Nokia 6630, Nokia 6680).

Solution

Symbian provides a Mobinfo 3rd Party Telephony Library for devices based on Symbian OS v7.0, v7.0s, v8.0a, and v8.1a. With Mobinfo, 3rd parties can get information about

- IMEI, IMSI, and own phone numbers
- Network availability and change notification
- Network and location identification
- Battery and signal strength notification

Mobinfo is provided as a public, redistributable library. It can be downloaded from File:Mobinfo-1.01-Signed.zip.

To make use of the API, you need to utilize two headers (mobileinfo.h, mobinfotypes.h) and a single library, mobinfo.dll.
Mobinfo API itself consists of three main classes: CMobileInfo, CMobileNetworkInfo, CMobileContext

Asynchronous methods from Mobinfo should always be used via active objects (the client must derive from CActive).

For example, retrieving current network information:

```
CMobileNetworkInfo::GetCurrentNetwork( TMobileNetwork& aMobNetInfo, TRequestStatus& aStatus );
```

GetCurrentNetwork returns information about the network the handset is currently registered on. aStatus will be completed with KErrAccessDenied when in flight mode.

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