Archived:Network-based positioning using Symbian C++

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Description

Network-based positioning was introduced in S60 3rd Edition, FP1. The feature is useful if some devices do not have integrated GPS chips. However, the device can still be located fairly accurately in terms of longitude and latitude. The application can use the location API to acquire the location (longitude and latitude). In network-based positioning, the data comes from supl.nokia.com.

To check this, go to Tools > Settings > General. Select the positioning menu and the positioning methods. Now disable all methods except "Network Based" and change the positioning server address to supl.nokia.com. If the operator provides similar services, the operator services will be used. supl.nokia.com has information about the cell ID and its longitude and latitude. The device asks the location over GPRS and supl.nokia.com pass from the data base to the devices. supl.nokia.com is used globally and the data provided by this server is not similar as NMEA formatted text.

See also

API in the S60 3rd Edition, FP2 SDK plug-in to launch the location settings UI from an application: Archived:Location Settings Launch Symbian API

Example application demonstrating how to use the Location Acquisition API: http://www.developer.nokia.com/info/sw.nokia.com/id/b8bf64b5-97b0-48bc-9ea2-8f20430c34c0/S60_Platform_Location_Example.html

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