Archived:Calling LocationProvider.getLocation() periodically may result in device lock-ups with Nokia 6110 Navigator (Known Issue)

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Calling getLocation(int timeout) regularly may result in device lock-up in the Nokia 6110 Navigator.

Description

Calling LocationProvider.getLocation(int timeout)] periodically may result in the method to block forever regardless of the timeout value, which in turn results in a lock-up behavior in form of slow overall device performance even when the MIDlet has been exited. Attempts to access GPS by using another MIDlet or a native GPS application, such as GPS data, result in the device to hang. The device must be power cycled to resume normal operations.

How to reproduce

1. Implement a test MIDlet using source code from http://www.developer.nokia.com/Community/Discussion/showthread.php?127120-JSR-179-serious-bug-in-getLocation-implementation&s=4f0d07e55ff730bd87626acfdf1609ca&p=387632
2. After installing the test MIDlet, use App. Manager to change **Settings** for **Positioning** to **Ask first time**.
3. Start the MIDlet and set the timing parameters. For example, set the timeout to 1 second.
4. Select "Start Sync" to begin sampling using `getLocation()`.
5. Get a GPS fix and wait.
6. Reproducing this problem may take time, for example, with 1 second as the initial timeout value, this may take up to 900 seconds to appear. The display will stop updating when the MIDlet eventually hangs, signaling the result lock-up state.
7. Try launching "GPS Data" and other applications on the device. In the lock-up state, the device will launch applications sluggishly and GPS applications will hang.

Solution

No known solution.

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