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General description of the release

Main [new features](#):

- Mobile Sensor API (JSR-256) support
- Touch screen usability improvements
- On-Screen Keypad on Device with touch screen and hardware keyboard

Complete List of Java APIs

- JSR 118 MIDP 2.1
- JSR 139 Connected Limited Device Configuration (CLDC) 1.1
- JSR 248 Mobile Service Architecture Subset for CLDC
- JSR 135 Mobile Media API 1.2
- JSR 172 J2ME? Web Services Specification
- JSR 177 Security and Trust Services API for J2ME? (SATSA-CRYPTO package)
- JSR 177 Security and Trust Services API for J2ME? (SATSA-PKI package)
- JSR 179 Location API for J2ME? 1.0
- JSR 184 Mobile 3D Graphics API for J2ME? 1.1
- JSR 205 Wireless Messaging API 2.0
- JSR 226 Scalable 2D Vector Graphics API for J2ME? 1.1
- JSR 234 Advanced Multimedia Supplements 1.0 (audio3d)
- JSR 234 Advanced Multimedia Supplements 1.0 (music)
- JSR 256 Mobile Sensor API **NEW**
- JSR 75 FileConnection and PIM API
- JSR 82 Java? APIs for Bluetooth 1.1
- Nokia UI API 1.2
- eSWT UI API 1.0.3
- IAP Info API

List of new APIs and features

- Mobile Sensor API (JSR-256) support
 - ◆ Supports accelerometer, battery charge sensor, charger state sensor, network field intensity sensor
- 9-way navigation support
- 8 Mpix camera support
- Improved Java support for QWERTY devices
- On-Screen Keypad on Device with touch screen and hardware keyboard
 - ◆ new mode for on-screen-keypad in N97, when the keyboard is opened
- Finger usability improvements for touch screen (tap detection)

List of devices using this release

- Nokia N97 (sw10.0.012 and newer)
- Nokia 5530 XpressMusic

Known issues related to this release

- KIJ001168 - Minor inaccuracies with Form component behaviour when performing drag events in Nokia 5800 XpressMusic
- KIJ001310 - Different Location API methods return different coordinates from NMEA files in the S60 SDKs

Tools

- S60 5th Edition SDK v1.0, Nokia N97 SDK v1.0

How to check the Java release version

The Java version number can be queried by using standard `System.getProperty()` method as shown below:

```
System.getProperty("microedition.platform");
```

The result string is something like this:

Java_Runtime_1.4_for_S60_Release_notes

Nokia5800d-1/20.0.012/sw_platform=S60;sw_platform_version=5.0;java_build_version=1.3.4

In the string `java_build_version` indicates the Java release version, in this case 1.3.4.

See also

- [How to retrieve version number of Java Runtime for S60](#)
- [How to configure Java ODD over WLAN with Eclipse and NetBeans IDEs](#)
- [What's new in Java Runtime 1.4 for S60](#)