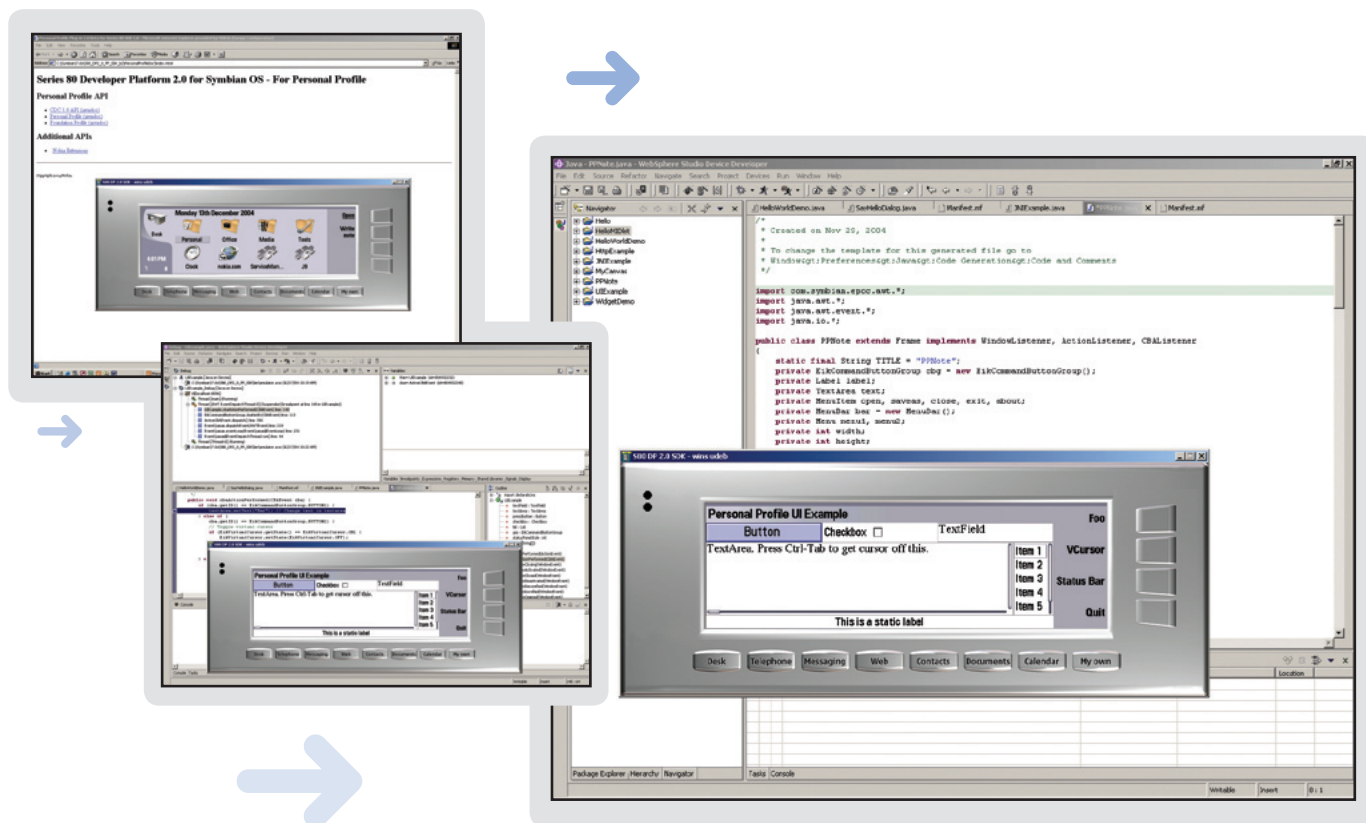


Series 80 Developer Platform 2.0 SDK For Symbian OS — For Personal Profile



Series 80 Developer Platform 2.0 SDK for Symbian OS — for Personal Profile, enables Java™ developers to quickly and efficiently run and test applications for Series 80 Developer Platform devices. Using the IBM WebSphere Studio Device Developer 5.7 integrated development environment (IDE) on a PC, the SDK provides all the tools required to build Java applications. The SDK includes an emulator that duplicates the functions of a Series 80 device, allowing applications to be run and tested without a device. Java API implementations, documentation, and sample applications are also included.

Key Features

- Connected Device Configuration (CDC) 1.0 support.
- Java API support.
- Nokia Extension Java API support.
- IBM WebSphere IDE support.
- Connectivity support.

System Requirements

- Microsoft Windows 2000 with Service Pack 3 or Microsoft Windows XP with SP 2.
- 512 MB of RAM minimum.
- 500-MHz or faster Pentium-class processor.
- 500 MB of free disk space.
- Java Runtime Environment (JRE) 1.4.1_02 or later.
- Monitor capable of displaying 64,000 colors at 1,024 x 768 pixel resolution.
- Monitor supporting 16-bit color at 1,024 x 768 pixel resolution.
- Keyboard and mouse.

Series 80 Developer Platform 2.0 SDK For Symbian OS — For Personal Profile Features And Descriptions

CDC 1.0 Support

The SDK supports the CDC specification of the Java™ 2 Platform, Micro Edition (J2ME™). This specification is optimized for devices that deliver a network-enabled Java environment. It provides the basis for J2ME Profiles that build upon the CDC by adding a graphical user interface and other functionality. The SDK provides the same implementation of the specification as the Series 80 Developer Platform devices do, guaranteeing the closest possible emulation of device behavior.

Java API Support

The SDK supports Personal Profile (JSR-62), CDC 1.0 (JSR-36), the Java Database Connectivity (JDBC) API (JSR-169), and Foundation Profile (JSR-46). The SDK provides the same implementation of the JSR specifications as Series 80 Developer Platform devices do, guaranteeing the closest possible emulation of device behavior.

Nokia Extension Java API Support

The Nokia Extension Java API provides methods and interfaces that allow Java applications to create user interfaces in the Series 80 UI style.

Connectivity Support

The SDK includes the Nokia Connectivity Framework for communication with other Nokia SDK emulators and products supporting Nokia Connectivity Framework connectivity.

Debugging Support

The SDK supports debugging using IBM WebSphere Studio Device Developer 5.7 to provide debugging features such as line-by-line execution and breakpoints.

Nokia Device Support

The SDK is compatible with all Series 80 Developer Platform devices, including the Nokia 9500 Communicator and the Nokia 9300 device.

IDE Support

The SDK supports IBM WebSphere Studio Device Developer 5.7. For more information on WebSphere please visit www.forum.nokia.com/toolpartners.

Documentation

Comprehensive online documentation provides a detailed introduction and a “getting started” tutorial for the SDK. A comprehensive emulator guide and API documentation are included as well. A dedicated Developers Guide section provides an excellent starting point for developers who are not familiar with Series 80 Developer Platform basics. The Developers Guide section includes a comprehensive guide for content designers, the Series 80 UI Style Guide, and the SDK User’s Guide.

www.forum.nokia.com/tools



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