Oracle Technology Network › Java › Java ME

Java ME and Java Card Technology

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Java Platform, Micro Edition (Java ME) provides a robust, flexible environment for applications running on embedded and mobile: microcontrollers, sensors, gateways, mobile phones, personal digital assistants (PDAs), TV set-top boxes, printers and more. Java ME includes flexible user interfaces, robust security, built-in network protocols, and support for networked and offline applications that can be downloaded dynamically. Applications based on Java ME are portable across many devices, yet leverage each device's native capabilities. ▐ Read More

▐◤ ANNOUNCEMENTS

NEW Release: Oracle Java ME Embedded 3.3.1 for KEIL MCBSTM32F200 (based on a ARM Cortex M3 chipset), is now available as a reference binary, ready to install and run. This binary comes integrated with RTX OS for the reference board Keil MCBSTM32F200 for development/evaluation purposes. ▐ Download ▐ Learn More

NEW Release: Oracle Java ME Embedded 3.3 for Raspberry Pi for ARM11, Linux is now available as a reference binary, ready to install and run. ▐ Download ▐ Learn More

NEW Release: Oracle Java ME Software Development Kit 3.3 is now available with support for embedded development on all platforms supported by Oracle Java ME Embedded 3.3 and includes full feature plugins for Netbeans and Eclipse. ▐ Download ▐ Documentation

ANNOUNCING: Oracle Java Platform Integrator, to provide partners with the ability to customize Oracle Java ME Embedded products to reach different device types and market segments. ▐ Learn More

Java Embedded Community ORACLE®

Java for Mobile Devices

What is Java for Mobile Devices?

Java for Mobile Devices relies on Java Platform, Micro Edition (Java ME) to deliver applications and services to all types of mobile handsets, ranging from price-efficient feature phones to the latest smartphones. Java is currently running on over 3 billion phones and offers unrivaled potential for mobile developers worldwide. ▐ Read More

- ▐ Overview
- ▐ Download
- ▐ Start Learning
- ▐ See API References
- ▐ Visit Forums
- ▐ Get Resources
- ▐ Legacy SDK READMEs
- ▐ Watch Videos

Java Embedded

What is Java for Embedded?

Using Java Technology for Embedded enables you to develop highly functional, reliable, portable and secure applications for today's more powerful embedded systems. Oracle offers a full range of products, services, and support that makes it easy for you to develop using Java Technology in your embedded projects. ▐ Read More

- ▐ Overview
- ▐ Download
- ▐ See API References
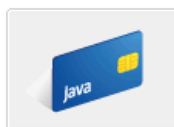- ▐ Get Resources

Java TV

What is Java for TV?

Java TV refers to JSR-927, the Java Community Process (JCP) specification providing API's for digital TV-related capabilities for set-top boxes, Blu-ray Disc players, and other digital media devices. Java TV is an optional package which sits atop the Connected Device Configuration, Foundation Profile, and Personal Basis Profile (CDC/FP and PBP). ▐ Read More

- ▐ Overview
- ▐ Download
- ▐ See API References
- ▐ Get Resources

Java Card Technology

What is Java Card Technology?

Java Card technology provides a secure environment for applications that run on smart cards and other devices with very limited memory and processing capabilities. Multiple applications can be deployed on a single card, and new ones can be added to it even after it has been issued to the end user. Java Card also includes a set of unique tools for developing new products. ▐ Read More

- ▐ Overview
- ▐ Download
- ▐ Developer Resources
- ▐ SIMagine Contest
- ▐ Use Cases & Ecosystem
- ▐ Licensees
- ▐ Legacy SDK READMEs

▐◤ ORACLE PRODUCTS AND SERVICES

Oracle Java ME Embedded	Java Device Testing Suite (JDTS)
Oracle Java Wireless Client	ME TCK Framework
Oracle Java Wireless Client for Brew Mobile Platform	JavaTest Harness
Java ME SDK	SigTest Tool
Lightweight User Interface Toolkit	Java Verified

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