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← Java

Java Platform, Standard Edition Documentation

Java Platform, Standard Edition (Java SE) helps you develop and deploy Java applications on desktops and servers. Java offers the rich user interface, performance, versatility, portability, and security that today's applications require.

Current Java SE Versions

JDK 23
JDK 21
JDK 17
JDK 11
JDK 8

Versions in Sustaining Support

JDK 22
JDK 20
JDK 19
JDK 18
JDK 16
JDK 15
JDK 14
JDK 13
JDK 12
JDK 10
JDK 9
JDK 7

Java / Java SE / 23

JDK 23 Documentation

Home
API Documentation
Guides

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Home

Java Components page

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Overview
Read Me
Release Notes
What's New
Migration Guide
Download the JDK
Installation Guide
Version-String Format

Tools
JDK Tool Specifications
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Language and Libraries
Language Updates
Core Libraries
JDK HTTP Client
Java Tutorials
Modular JDK
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Specifications
API Documentation
Language and VM
Java Security Standard Algorithm Names
JAR
Java Native Interface (JNI)
JVM Tool Interface (JVM TI)
Serialization
Java Debug Wire Protocol (JDWP)
Documentation Comment Specification for the Standard Doclet
Other specifications

Security
Secure Coding Guidelines
Security Guide

HotSpot Virtual Machine
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Write Your First Application
Get Started with Java
Get Started with JavaFX

Reference
Java SE API Documentation
JavaFX API Documentation
Developer Guides
Java Language and Virtual Machine Specifications
Java SE Tools Reference for UNIX
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Release Notes
Java SE Release Notes

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Java Tutorials Learning Paths

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Deploy
Deployment Guide

Java Platform Standard Edition 7 Documentation

Oracle has two products that implement Java Platform Standard Edition (Java SE) 7: Java SE Development Kit (JDK) 7 and Java SE Runtime Environment (JRE) 7.

JDK 7 is a superset of JRE 7, and contains everything that is in JRE 7, plus tools such as the compilers and debuggers necessary for developing applets and applications. JRE 7 provides the libraries, the Java Virtual Machine (JVM), and other components to run applets and applications written in the Java programming language. Note that the JRE includes components not required by the Java SE specification, including both standard and non-standard Java components.

The following conceptual diagram illustrates the components of Oracle's Java SE products:

Description of Java Conceptual Diagram

What's New
Release Notes

Tutorials and Training
The Java Tutorials
JavaFX 2 and Scene Builder 1 Tutorials
Java Training

More Information
Java SE 7 Names and Versions
Java SE White Papers
Documentation Accessibility
Installation Instructions
Supported Systems Configurations
Java SE 7 and JDK 7 Compatibility
JDK 7 Adoption Guide
Troubleshooting Java SE
About Test / Sample Applications and Code

Resources
Oracle Java SE Advanced and Oracle Java SE Suite
OpenJDK
Bugs Database

Other Technologies
Java EE
Java ME
Java FX
NetBeans

Google java api 7 System

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Java™ Platform, Standard Edition 7. API Specification ; java.io. Provides for system input and output through data streams, serialization and the file system.
Java.util · java.security.AllPermission · Package java.util · All Classes

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System (Java Platform SE 7)
All Classes · AbstractAction · AbstractAnnotationValueVisitor6 · AbstractAnnotationValueVisitor7 · AbstractBorder · AbstractButton · AbstractCellEditor ...

Overview Package **Class** Use Tree Deprecated Index Help

Java™ Platform Standard Ed. 7

Prev Class   Next Class   Frames   No Frames   All Classes
Summary: Nested | Field | Constr | Method   Detail: Field | Constr | Method

java.lang

Class System

java.lang.Object
　　java.lang.System

```
public final class System
extends Object
```

The System class contains several useful class fields and methods. It cannot be instantiated.

Among the facilities provided by the System class are standard input, standard output, and error output streams; access to externally defined properties and environment variables; a means of loading files and libraries; and a utility method for quickly copying a portion of an array.

Since:
JDK1.0

Field Summary

Fields

Modifier and Type	Field and Description
static PrintStream	err
	The "standard" error output stream.
static InputStream	in
	The "standard" input stream.
static PrintStream	out
	The "standard" output stream.

Method Summary

Methods

Modifier and Type	Method and Description
static void	arraycopy(Object src, int srcPos, Object dest, int destPos, int length)
	Copies an array from the specified source array, beginning at the specified position, to the specified position of the destination array.
static String	clearProperty(String key)
	Removes the system property indicated by the specified key.
static Console	console()
	Returns the unique Console object associated with the current Java virtual machine, if any.
static long	currentTimeMillis()
	Returns the current time in milliseconds.

Overview Package **Class** Use Tree Deprecated Index Help

Java™ Platform
Standard Ed. 7

Prev Class   Next Class   Frames   No Frames   All Classes
Summary: Nested | Field | Constr | Method   Detail: Field | Constr | Method

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    java.lang.System

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