

# Licensing Information User Manual

## Oracle Java SE 24

Last updated: 2025-03-18

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### **Installation packages**

There are no installers or packages that correspond directly with the Oracle Java SE products listed above.

<b>Package</b>	<b>Contents</b>
<b>Oracle Java SE Development Kit (JDK)</b>	Everything required for developing, debugging, documenting, running, and monitoring Java applications including a Java Virtual Machine and many common Java Libraries.
<b>Oracle TZUpdater</b>	Utility for updating the Java Runtime Environment time zone database, with the latest information provided by the IANA Time Zone Database at <a href="https://www.iana.org/time-zones">https://www.iana.org/time-zones</a>

### **Prerequisite Products**

Java SE 24 has no prerequisite products.

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## Third party components on Oracle JDK

- Module java.base
  - Cryptix AES v3.2.0
  - ASM Bytecode Manipulation Framework v9.6
  - c-libutl 20160225
  - Unicode Common Local Data Repository (CLDR) v46.0
  - International Components for Unicode (ICU4J) v76.1
  - Mozilla Public Suffix List
  - SipHash v1.0-68c8a7c
  - The Unicode Standard, Unicode Character Database, Version 16.0.0
  - Bert Belder: wepoll v 1.5.8 (Windows only)
  - zlib v1.3.1 (Windows only)
- Module java.desktop
  - Eastman Kodak Company: Portions of color management and imaging software
  - The FreeType Project: Freetype v2.13.2 (macOS and Windows only)
  - GIFLIB v5.2.2
  - Harfbuzz v8.2.2
  - Independent JPEG Group: JPEG release 6b
  - Little Color Management System (LCMS) v2.16
  - libpng v1.6.43
  - Mesa 3-D Graphics Library v21.0.3
  - PipeWire 0.3.68 (Linux and macOS only)
  - xwd v1.0.7 (Linux only)
- Module java.smartcardio
  - PC/SC Lite v2.3.0 (Linux and macOS only)
- Module java.xml.crypto
  - Apache Santuario v3.0.3
- Module java.xml
  - Apache Commons Byte Code Engineering Library (BCEL) Version 6.7.0
  - Apache Xalan v2.7.3
  - Apache Xerces v2.12.2
  - DOM Level 3 Core Specification v1.0
  - CUP Parser Generator for Java v0.11b
  - The "xml:" Namespace
  - XHTML 1.0 The Extensible HyperText Markup Language
  - XHTML 1.1 - Module-based XHTML - Second Edition
  - XHTML™ 1.0 in XML Schema
  - XHTML™ 1.1 - Module-based XHTML - Second Edition
  - XML DTD for W3C specifications v1.20
  - XML Schema Part 1: Structures Second Edition
  - XML Schema Part 2: Datatypes Second Edition
- Module jdk.crypto.cryptoki
  - OASIS PKCS #11 Cryptographic Token Interface v3.1

- IAIK (Institute for Applied Information Processing and Communication) PKCS#11 wrapper files v1
- Module jdk.dynalink
  - Dynalink v.5
- Module jdk.graal.compiler.lib
  - Simdjson 3.6.4
- Module jdk.incubator.vector
  - SLEEF 3.6.1 (Linux only)
- Module jdk.internal.le
  - JLine v3.26.1
- Module jdk.internal.md
  - CommonMark 0.22.0
- Module jdk.internal.opt
  - jopt-simple v5.0.4
- Module jdk.javadoc
  - DejaVu fonts v2.37
  - jQuery v3.7.1
  - jQuery UI v1.13.2
- Module jdk.localedata
  - Unicode Common Local Data Repository (CLDR) v45.0
  - Thai Dictionary

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[Bert Belder: wepoll v 1.5.8](#)

wepoll - epoll for Windows

<https://github.com/piscisaureus/wepoll>

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[CUP Parser Generator for Java v 0.11b](#)

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TeX Gyre DJV Math

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Ext headers	GL/glxt.h	Khronos
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include/GL/gl.h :

Mesa 3-D graphics library

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include/GL/glxext.h  
include/GL/wglxext.h :

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