Licensing Information User Manual
Oracle Java SE 25
Last updated: 2026-07-21

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Installation packages

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

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

Prerequisite Products

Java SE 25 has no prerequisite products.

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Third party components on Oracle JDK

- Module java.base
  - Cryptix AES v3.2.0
  - c-libutl 20160225
  - GCC - libgcc and libstdc++ 14.2.0 (Linux only)
  - Unicode Common Local Data Repository (CLDR) v47.0
  - 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) for JDK 25 to 25.0.3
  - zlib v1.3.2 (Windows only) for JDK 25.0.4 and later

- Module java.desktop
  - Eastman Kodak Company: Portions of color management and imaging software
  - The FreeType Project: Freetype v2.13.3 (macOS and Windows only) for JDK 25 to 25.0.2
  - The FreeType Project: Freetype v2.14.2 (macOS and Windows only) for JDK 25.0.3 and later
  - GIFLIB v5.2.2 for JDK 25 to 25.0.3
  - GIFLIB v6.1.2 for JDK 25.0.4 and later
  - Harfbuzz v11.2.0 for JDK 25 to 25.0.3
  - Harfbuzz v12.3.2 for JDK 25.0.4 and later
  - Independent JPEG Group: JPEG release 6b
  - Little Color Management System (LCMS) v2.17 for JDK 25 to 25.0.3
  - Little Color Management System (LCMS) v2.19.1 for JDK 25.0.4 and later
  - libpng v1.6.47 for JDK 25 to 25.0.2
  - libpng v1.6.54 for JDK 25.0.3
  - libpng v1.6.57 for JDK 25.0.4 and later
  - Mesa 3-D Graphics Library v21.0.3
  - PipeWire 1.3.81 (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 v3.0.5

- Module java.xml
  - Apache Commons Byte Code Engineering Library (BCEL) Version 6.7.0 for JDK 25 to 25.0.2

    - Apache Commons Byte Code Engineering Library (BCEL) Version 6.10.0 for JDK 25.0.3 and later
    - 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™ 1.0 in XML Schema
    - XHTML™ 1.1 - Module-based XHTML - Second Edition
    - XHTML 1.1 – XML Schema Definition
    - 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.incubetor.vector
    - SLEEF 3.6.1 (Linux only)

- Module jdk.internal.le
    - JLine v3.29.0

- Module jdk.internal.md
    - CommonMark 0.22.0

- Module jdk.internal.opt
    - jopt-simple v5.0.4

- Module jdk.javadoc
    - DejaVu fonts v2.37
    - Highlight.js v11.11.1
    - jQuery v3.7.1
    - jQuery UI v1.14.1

- Module jdk.localedata
    - Unicode Common Local Data Repository (CLDR) v47.0
    - Thai Dictionary

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ASM Bytecode Manipulation Framework v9.6

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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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GIFLIB v6.1.2

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