

# Licensing Information User Manual

## Oracle Java SE 17

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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 17 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 v8.0.1
  - c-libutl 20160225
  - Unicode Common Local Data Repository (CLDR) v39
  - International Components for Unicode (ICU4J) v67.1
  - Mozilla Public Suffix List
  - The Unicode Standard, Unicode Character Database, Version 13.0.0
  - Bert Belder: wepoll v 1.5.8 (Windows only)
  - zlib v1.2.11 for JDK 17 to 17.0.6
  - zlib v1.2.13 for JDK 17.0.7 and later
- Module java.desktop
  - Eastman Kodak Company: Portions of color management and imaging software
  - The FreeType Project: Freetype v2.10.4 for JDK 17 to 17.0.4
  - The FreeType Project: Freetype v2.12.1 for JDK 17.0.5 and later
  - GIFLIB v5.2.1
  - Harfbuzz v2.8 for JDK 17 to 17.0.4
  - Harfbuzz v4.4.1 for JDK 17.0.5 to 17.0.7
  - Harfbuzz v7.0.1 for JDK 17.0.8 and later
  - Independent JPEG Group: JPEG release 6b
  - Little Color Management System (LCMS) v2.12 for JDK 17 to 17.0.6
  - Little Color Management System (LCMS) v2.14 for JDK 17.0.7
  - Little Color Management System (LCMS) v2.15 for JDK 17.0.8 and later
  - libpng v1.6.37 for JDK 17 to 17.0.6
  - libpng v1.6.38 for JDK 17.0.7 and later
  - Mesa 3-D Graphics Library v21.0.3
  - xwd v1.0.7 (Linux only)
- Module java.smartcardio
  - PC/SC Lite v1.8.26 (Linux and macOS only) for JDK 17 to 17.0.4
  - PC/SC Lite v1.9.5 (Linux and macOS only) for JDK 17.0.5 and later
- Module java.xml.crypto
  - Apache Santuario v2.2.1 for JDK 17 to 17.0.3.1
  - Apache Santuario v2.3.0 for JDK 17.0.4 and later
- Module java.xml
  - Apache Commons Byte Code Engineering Library (BCEL) Version 6.5.0 for JDK 17 to 17.0.7
  - Apache Commons Byte Code Engineering Library (BCEL) Version 6.7.0 for JDK 17.0.8 and later
  - DOM Level 3 Core Specification v1.0
  - CUP Parser Generator for Java v 0.11b
  - Apache Xalan v2.7.2
  - Apache Xerces v2.12.1 for JDK 17 to 17.0.4
  - Apache Xerces v2.12.2 for JDK 17.0.5 and later

- Module `jdk.crypto.cryptoki`
  - OASIS PKCS #11 Cryptographic Token Interface v3.0
  - IAIK (Institute for Applied Information Processing and Communication) PKCS#11 wrapper files v1
- Module `jdk.dynalink`
  - Dynalink v.5
- Module `jdk.internal.le`
  - JLine v3.14.0 for JDK 17 to 17.0.2
  - JLine v3.20.0 for JDK 17.0.3 to 17.0.7
  - JLine v3.22.0 for JDK 17.0.8 and later
- Module `jdk.internal.opt`
  - `jopt-simple` v5.0.4
- Module `jdk.javadoc`
  - DejaVu fonts v2.37
  - jQuery v3.5.1 for JDK 17 to 17.0.4
  - jQuery v3.6.0 for JDK 17.0.5 to 17.0.6
  - jQuery v3.6.1 for JDK 17.0.7 and later
  - jQuery UI v1.12.1
- Module `jdk.localedata`
  - Unicode Common Local Data Repository (CLDR) v39
  - Thai Dictionary

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TeX Gyre DJV Math

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