

Licensing Information User Manual

Oracle Java SE 17

Last updated: 2026-04-21

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In order to gain access to all of the features available in the products you have licensed, you may need to download more than one installation package. There is no one-to-one relationship between products and installation packages.

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The Java SE products include experimental and technology preview features being considered for future versions of the product. Experimental and technology preview features are labeled as such in the product documentation. They are not meant to be used in production and are not supported by Oracle. Oracle welcomes feedback on experimental and technology preview features but users should be aware that

experimental and technology preview features might never be included in a production version, or might change significantly before being considered production-ready.

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 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
 - GCC - libgcc and libstdc++ 14.2.0 (Linux only) for JDK 17.0.19 and later
 - 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 (Windows only) for JDK 17 to 17.0.6
 - zlib v1.2.13 (Windows only) for JDK 17.0.7 to 17.0.11
 - zlib v1.3.1 (Windows only) for JDK 17.0.12 and later
 - SipHash v1.0-68c8a7c for JDK 17.0.3 and later
- Module java.desktop
 - Eastman Kodak Company: Portions of color management and imaging software
 - The FreeType Project: Freetype v2.10.4 (macOS and Windows only) for JDK 17 to 17.0.4
 - The FreeType Project: Freetype v2.12.1 (macOS and Windows only) for JDK 17.0.5 to 17.0.8
 - The FreeType Project: Freetype v2.13.0 (macOS and Windows only) for JDK 17.0.9 to 17.0.10
 - The FreeType Project: Freetype v2.13.2 (macOS and Windows only) for JDK 17.0.11 to 17.0.15
 - The FreeType Project: Freetype v2.13.3 (macOS and Windows only) for JDK 17.0.16 to 17.0.18
 - The FreeType Project: Freetype v2.14.2 (macOS and Windows only) for JDK 17.0.19 and later
 - GIFLIB v5.2.1 for 17 to 17.0.12
 - GIFLIB v5.2.2 for JDK 17.0.13 and later
 - 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
 - Harfbuzz v7.2.0 for JDK 17.0.9 to 17.0.10
 - Harfbuzz v8.2.2 for JDK 17.0.11 to 17.0.15
 - Harfbuzz v10.4.0 for JDK 17.0.16
 - Harfbuzz v11.2.0 for JDK 17.0.17 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 to 17.0.11
 - Little Color Management System (LCMS) v2.16 for JDK 17.0.12 to 17.0.15
 - Little Color Management System (LCMS) v2.17 for JDK 17.0.16 and later
 - libpng v1.6.37 for JDK 17 to 17.0.6

- libpng v1.6.38 for JDK 17.0.7 to 17.0.8
 - libpng v1.6.39 for JDK 17.0.9 and later
 - libpng v1.6.40 for JDK 17.0.10 to 17.0.12
 - libpng v1.6.43 for JDK 17.0.13 to 17.0.15
 - libpng v1.6.47 for JDK 17.0.16 to 17.0.18
 - libpng v1.6.54 for JDK 17.0.19 and later
 - Mesa 3-D Graphics Library v21.0.3
 - PipeWire 0.3.68 (Linux and macOS only) for JDK 17.0.13 to 17.0.15
 - PipeWire 1.3.81 (Linux and macOS only) for JDK 17.0.16 and later
 - 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 to 17.0.8
 - PC/SC Lite v1.9.9 (Linux and macOS only) for JDK 17.0.9 to 17.0.14
 - PC/SC Lite v2.3.0 (Linux and macOS only) for JDK 17.0.15 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
 - Apache Santuario v3.0.3 for JDK 17.0.11 to 17.0.16
 - Apache Santuario v3.0.5 for JDK 17.0.17 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 to 17.0.18
 - Apache Commons Byte Code Engineering Library (BCEL) Version 6.10.0 for JDK 17.0.19 and later
 - DOM Level 3 Core Specification v1.0
 - CUP Parser Generator for Java v 0.11b
 - Apache Xalan v2.7.2 for JDK 17 to 17.0.10
 - Apache Xalan v2.7.3 for JDK 17.0.11 and later
 - 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
 - IAIK (Institute for Applied Information Processing and Communication) PKCS#11 wrapper files v1
 - OASIS PKCS #11 Cryptographic Token Interface v3.0 for JDK 17 to 17.0.14
 - OASIS PKCS #11 Cryptographic Token Interface v3.1 for JDK 17.0.15 and later
- 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 to 17.0.14
 - JLine v3.26.1 for JDK 17.0.15 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 to 17.0.12
 - jQuery v3.7.1 for JDK 17.0.13 and later
 - jQuery UI v1.12.1 for JDK 17 to 17.0.7
 - jQuery UI v1.13.2 for JDK 17.0.8 to 17.0.16
 - jQuery UI v1.14.1 for JDK 17.0.17 and later

- Module `jdk.localedata`
 - Unicode Common Local Data Repository (CLDR) v39
 - 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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Gallium code	src/ gallium/	MIT
Ext headers	GL/ glxext.h	Khronos
	GL/ glxext.h	Khronos
	GL/ wglxext.h	Khronos
	KHR/ khrplatform.h	Khronos

include/GL/gl.h :

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*
* taken from Mark Leisher's xmbdfed package
*
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