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Description of Product Editions

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<td>Oracle Java SE Development Kit (JDK)</td>
<td>Everything required for developing, debugging documenting, running, and monitoring Java applications including a Java Virtual Machine and many common Java Libraries.</td>
</tr>
<tr>
<td>Oracle TZUpdater</td>
<td>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></td>
</tr>
</tbody>
</table>

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Third party components on Oracle JDK

On java.base
ASM Bytecode Manipulation Framework v6.0
c-libutl 20160225
Cryptix AES v3.2.0
International Components for Unicode (ICU4J) v60.2
Mozilla Public Suffix List
SipHash v1.0-68c8a7c for 11.0.15 and later
The Unicode Standard, Unicode Character Database, Version 10.0.0
Unicode Common Local Data Repository (CLDR) v33
zlib v1.2.11 (Windows only) for JDK 11 to 11.0.18
zlib v1.2.13 (Windows only) for JDK 11.0.19 to 11.0.23
zlib v1.3.1 (Windows only) for JDK 11.0.24 and later

On java.desktop
Eastman Kodak Company: Portions of color management and imaging software
The FreeType Project: Freetype v2.9.1 (macOS and Windows only) for JDK 11 to 11.0.4
The FreeType Project: Freetype v2.10.0 (macOS and Windows only) for JDK 11.0.5 to 11.0.6
The FreeType Project: Freetype v2.10.1 (macOS and Windows only) for JDK 11.0.7 to 11.0.9
The FreeType Project: Freetype v2.10.2 (macOS and Windows only) for JDK 11.0.10 to 11.0.11
The FreeType Project: Freetype v2.10.4 (macOS and Windows only) for JDK 11.0.12 to 11.0.16
The FreeType Project: Freetype v2.12.1 (macOS and Windows only) for JDK 11.0.17 to 11.0.20
The FreeType Project: Freetype v2.13.0 (macOS and Windows only) for JDK 11.0.21 to 11.0.22
The FreeType Project: Freetype v2.13.2 (macOS and Windows only) for JDK 11.0.23 and later
GIFLIB v5.1.4 for JDK 11 to 11.0.3
GIFLIB v5.1.8 for JDK 11.0.4 to 11.0.6
GIFLIB v5.2.1 for JDK 11.0.7 and later
Harfbuzz v1.8.2 for JDK 11 to 11.0.3
Harfbuzz v2.3.1 for JDK 11.0.4 to 11.0.10
Harfbuzz v2.7.2 for JDK 11.0.11 to 11.0.12
Harfbuzz v2.8 for JDK 11.0.13 to 11.0.16
Harfbuzz v4.4.1 for JDK 11.0.17 to 11.0.19
Harfbuzz v7.0.1 for JDK 11.0.20
Harfbuzz v7.2.0 for JDK 11.0.21 to 11.0.22
Harfbuzz v8.2.2 for JDK 11.0.23 and later
Independent JPEG Group: JPEG release 6b
Khronos Group OpenGL Headers v2.1 (Linux and Solaris Only)
Little Color Management System (LCMS) v2.9
Little Color Management System (LCMS) v2.11 for JDK 11.0.11
Little Color Management System (LCMS) v2.12 for JDK 11.0.12 to 11.0.18
Little Color Management System (LCMS) v2.14 for JDK 11.0.19
Little Color Management System (LCMS) v2.15 for JDK 11.0.20 to 11.0.23
Little Color Management System (LCMS) v2.16 for JDK 11.0.24 and later
libpng v1.6.35
libpng v1.6.37 for JDK 11.0.5 to 11.0.18
libpng v1.6.38 for JDK 11.0.19 to 11.0.20
libpng v1.6.30 for JDK 11.0.21 to 11.0.22
libpng v1.6.40 for JDK 11.0.23 and later
Mesa 3-D Graphics Library v4.1 for JDK 11 to 11.0.3
Mesa 3-D Graphics Library v5.0 for JDK 11.0.4 to 11.0.6
Mesa 3-D Graphics Library v19.2.1 for JDK 11.0.7 to 11.0.12
Mesa 3-D Graphics Library v21.0.3 for JDK 11.0.13 and later
X Windows System v6.8.2 for JDK 11 to 11.0.3 (Unix Only)
xwd v1.0.7 for JDK 11.0.4 and later (Unix Only)

On java.smartcardio
PC/SC Lite v1.1.1 (Linux, Solaris, and macOS Only)
PC/SC Lite v1.8.26 (Linux, Solaris, and macOS Only) for JDK 11.0.10 to 11.0.16
PC/SC Lite v1.9.5 (Linux, Solaris, and macOS Only) for JDK 11.0.17 to 11.0.20
PC/SC Lite v1.9.9 (Linux, Solaris, and macOS Only) for JDK 11.0.21 and later

On java.xml.crypto
Apache Santuario v2.1.1
Apache Santuario v2.1.3 for JDK 11.0.5 to JDK 11.0.7
Apache Santuario v2.1.4 for JDK 11.0.8 to JDK 11.0.12
Apache Santuario v2.2.1 for JDK 11.0.13 to 11.0.15.1
Apache Santuario v2.3.0 for JDK 11.0.16 to 11.0.22
Apache Santuario v3.0.3 for JDK 11.0.23 and later

On java.xml
Apache Commons Byte Code Engineering Library (BCEL) Version 6.0
Apache Commons Byte Code Engineering Library (BCEL) Version 6.3.1 for JDK 11.0.6 to 11.0.11
Apache Commons Byte Code Engineering Library (BCEL) Version 6.4.1 for JDK 11.0.12 to 11.0.14
Apache Commons Byte Code Engineering Library (BCEL) Version 6.5.0 for JDK 11.0.15 to 11.0.19
Apache Commons Byte Code Engineering Library (BCEL) Version 6.7.0 for JDK 11.0.20 and later
Apache Xalan v2.7.2 for JDK 11 to JDK 11.0.22
Apache Xalan v2.7.3 for JDK 11.0.23 and later
Apache Xerces v2.11.0 for JDK 11 to 11.0.4
Apache Xerces v2.12.0 for JDK 11.0.5 to 11.0.7
Apache Xerces v2.12.1 for JDK 11.0.8 to 11.0.16
Apache Xerces v2.12.2 for JDK 11.0.17 and later
CUP Parser Generator for Java v 0.10k for JDK 11 to 11.0.6
CUP Parser Generator for Java v 0.11b for JDK 11.0.7 and later
DOM Level 3 Core Specification v1.0
On jdk.crypto.cryptoki
   IAIK (Institute for Applied Information Processing and Communication) PKCS#11 wrapper files v1
      PKCS #11 Cryptographic Token Interface v2.20 Amendment 3 Header Files
      OASIS PKCS #11 Cryptographic Token Interface v2.40 for JDK 11.0.6 to JDK 11.0.10
      OASIS PKCS #11 Cryptographic Token Interface v3.0 for JDK 11.0.11 and later
On jdk.crypto.ec
   Mozilla Elliptic Curve Cryptography (ECC)
On jdk.dynalink
   Dynalink v.5
On jdk.internal.le
   JLine v2.14.6 for JDK 11 to 11.0.8
   JLine v3.12.1 for JDK 11.0.9 to JDK 11.0.10
   JLine v3.14 for JDK 11.0.11 to JDK 11.0.14
   JLine v3.20 for JDK 11.0.15 to 11.0.19
   JLine v3.22 for JDK 11.0.20 and later
On jdk.internal.opt
   jopt-simple v5.0.4
On jdk.javadoc
   DejaVu fonts v2.34 for JDK 11 to 11.0.6
   DejaVu fonts v2.37 for JDK 11.0.7 and later
   jQuery Migrate v3.0.1
   jQuery v3.3.1 for JDK 11 to JDK 11.0.4
   jQuery v3.4.1 for JDK 11.0.5 to 11.0.8
   jQuery v3.5.1 for JDK 11.0.9 to 11.0.16
   jQuery v3.6.0 for JDK 11.0.17 to 11.0.18
   jQuery v3.6.1 for JDK 11.0.19 and later
   jQuery UI v1.11.4 for JDK 11 to 11.0.3
   jQuery UI v1.12.1 for JDK 11.0.4 to 11.0.19
   jQuery UI v1.13.2 for JDK 11.0.20 and later
   JSZip v3.1.5 for JDK 11 to JDK 11.0.7
   JSZip v3.2.2 for JDK 11.0.8 to 11.0.12
   JSZip v3.7.1 for JDK 11.0.13 to 11.0.18
   JSZip v3.10.1 for JDK 11.0.19 and later
   Pako v1.0
On jdk.localedata
   Thai Dictionary
   Unicode Common Local Data Repository (CLDR) v33
On jdk.scripting.nashorn
   Double-conversion v1.1.5
   Double-conversion v3.1.5 for JDK 11.0.6 to 11.0.18
   Double-conversion v3.2.0 for JDK 11.0.19 and later
   JRuby Joni v1.1.9
   JRuby Joni v2.1.40 for JDK 11.0.1 to 11.0.17
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ASM Bytecode Manipulation Framework v6.0

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**zlib v1.2.13**

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**zlib v1.3.1**

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**SipHash v1.0-68c8a7c**

halfsiphash.c

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include/GL/glxext.h
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readable-stream 2.3.6
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set-immediate-shim 1.0.1
https://github.com/sindresorhus/set-immediate-shim/releases/tag/v1.0.1

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Module Name: immediate
Version: 3.0.6
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JSZip v3.10.1

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lie 3.3.0
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readable-stream 2.3.7
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Module Name: immediate
Version: 3.0.6
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