Contents

Title and Copyright Information

Introduction

Licensing Information

Description of Product Editions and Permitted Features
Prerequisite Products
Entitled Products and Restricted Use Licenses
Third Party Notices and/or Licenses

Title and Copyright Information

Introduction

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<table>
<thead>
<tr>
<th>Package</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Oracle Java SE Development Kit (JDK)</strong></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><strong>Oracle TZUpdater</strong></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
ct-libutl 20160225
Cryptix AES v3.2.0
International Components for Unicode (ICU4J) v60.2
Mozilla Public Suffix List
Unicode Common Local Data Repository (CLDR) v33
The Unicode Standard, Unicode Character Database, Version 10.0.0
zlib v1.2.11

On java.desktop

Eastman Kodak Company: Portions of color management and imaging software
The FreeType Project: Freetype v2.9.1 for JDK 11 to 11.0.4
The FreeType Project: Freetype v2.10.0 for JDK 11.0.5 to 11.0.6
The FreeType Project: Freetype v2.10.1 for JDK 11.0.7 to 11.0.9
The FreeType Project: Freetype v2.10.2 for JDK 11.0.10 to 11.0.11
The FreeType Project: Freetype v2.10.4 for JDK 11.0.12 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 JDK 11.0.10
Harfbuzz v2.7.2 for JDK 11.0.11 to JDK 11.0.12
Harfbuzz v2.8 for JDK 11.0.13 and later
Independent JPEG Group: JPEG release 6b
Khronos Group OpenGL Headers v2.1
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 and later
libpng v1.6.35
libpng v1.6.37 for JDK 11.0.5 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 for Suse Linux v1.1.1 (Unix Only)
PC/SC Lite for Suse Linux v1.8.26 (Unix Only) for JDK 11.0.10 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 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 JDK 11.0.11
Apache Commons Byte Code Engineering Library (BCEL) Version 6.4.1 for JDK 11.0.12 and later

Apache Xalan v2.7.2
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 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 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 v.3.5.1 for JDK 11.0.9 and later
jQuery UI v1.11.4 for JDK 11 to 11.0.3
jQuery UI v1.12.1 for JDK 11.0.4 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 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 and later
  JRuby Joni v1.1.9
  JRuby Joni v2.1.40 for JDK 11.0.10 and later

Cryptix AES v3.2.0

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ASM Bytecode Manipulation Framework v6.0

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**c-libutl 20160225**

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zlib v1.2.11

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set-immediate-shim 1.0.1
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Module Name: immediate
Version: 3.0.6

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safe-buffer@5.1.2

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string_decoder@1.1.1
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