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### Package Contents

<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 documentating, 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
- c-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
- The FreeType Project: Freetype v2.9.1
- The FreeType Project: Freetype v2.9.1
- GIFLIB v5.1.4 - For JDK 11 to 11.0.3
- GIFLIB v5.1.8 - For JDK 11.0.4, 11.0.6
- GIFLIB v5.1.8 - For JDK 11.0.4
- Harfbuzz v1.8.2 - For JDK 11 to 11.0.3
- Harfbuzz v2.3.1 - For JDK 11.0.4 and later
- Independent JPEG Group: JPEG release 6b
- Khronos Group OpenGL Headers v2.1
- Little Color Management System (LCMS) v2.9
- libpng v1.6.35
- 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
- Mesa 3-D Graphics Library v5.0 - For JDK 11.0.4
- 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)

On java.xml.crypto

- Apache Santuario v2.1.1
On java.xml
  Apache Commons Byte Code Engineering Library (BCEL) Version 6.0
  Apache Commons Byte Code Engineering Library (BCEL) Version 6.0
  Apache Xalan v2.7.2
  Apache Xerces v2.11.0
  CUP Parser Generator for Java v 0.10k
  CUP Parser Generator for Java v 0.10k
  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

On jdk.crypto.ec
  Mozilla Elliptic Curve Cryptography (ECC)

On jdk.dynalink
  Dynalink v.5

On jdk.internal.le
  JLine v2.14.6

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

On jdk.javadoc
  DejaVu fonts v2.34
  DejaVu fonts v2.34
  jQuery Migrate v3.0.1
  jQuery v3.3.1
  jQuery UI v1.11.4 - For JDK 11 to 11.0.3
  jQuery UI v1.12.1 - For JDK 11.0.4 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
  JRuby Joni v1.1.9
Cryptix AES v3.2.0

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ASM Bytecode Manipulation Framework v6.0

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<table>
<thead>
<tr>
<th>Component</th>
<th>Location</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Mesa code</td>
<td>src/mesa/</td>
<td>MIT</td>
</tr>
<tr>
<td>Device drivers</td>
<td>src/mesa/drivers/*</td>
<td>MIT, generally</td>
</tr>
<tr>
<td>Gallium code</td>
<td>src/gallium/</td>
<td>MIT</td>
</tr>
<tr>
<td>Ext headers</td>
<td>GL/glext.h</td>
<td>Khronos</td>
</tr>
<tr>
<td></td>
<td>GL/glxext.h</td>
<td>Khronos</td>
</tr>
<tr>
<td></td>
<td>GL/wglext.h</td>
<td>Khronos</td>
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<td>KHR/khrplatform.h</td>
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include/GL/gl.h :

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**JRuby Joni v1.1.9**

Jruby 2012

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