Licensing Information User Manual
Oracle Java SE 15
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Title and Copyright Information

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**Installation packages**

There are no installers or packages that correspond directly with the Oracle Java SE products listed above.
<table>
<thead>
<tr>
<th>Package</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<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>

**Prerequisite Products**

Java SE 15 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) v37
  - International Components for Unicode (ICU4J) v67.1
  - Mozilla Public Suffix List
  - The Unicode Standard, Unicode Character Database, Version 13.0.0
  - zlib v1.2.11
- **Module java.desktop**
  - Eastman Kodak Company: Portions of color management and imaging software
  - The FreeType Project: Freetype v2.10.1
  - GIFLIB v5.2.1
  - Harfbuzz v2.3.1
  - Independent JPEG Group: JPEG release 6b
  - Little Color Management System (LCMS) v2.9
  - libpng v1.6.37
  - Mesa 3-D Graphics Library v19.2.1
  - xwd v1.0.7 (Linux only)
- **Module java.smartcardio**
  - PC/SC Lite v1.8.26 (Linux and macOS only)
- **Module java.xml.crypto**
  - Apache Santuario v2.1.4
- **Module java.xml**
  - Apache Commons Byte Code Engineering Library (BCEL) Version 6.4.1
  - 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
- **Module jdk.crypto.cryptoki**
  - OASIS PKCS #11 Cryptographic Token Interface v2.40
  - IAIK (Institute for Applied Information Processing and Communication) PKCS#11 wrapper files v1
- **Module jdk.crypto.ec**
  - Mozilla Elliptic Curve Cryptography (ECC)
- **Module jdk.dynalink**
  - Dynalink v.5
- **Module jdk.internal.le**
  - JLine v3.14.0
- **Module jdk.internal.opt**
  - jopt-simple v5.0.4
- **Module jdk.javadoc**
  - DejaVu fonts v2.37
- jQuery v3.5.1
- jQuery UI v1.12.1
- Module jdk.localedata
  - Unicode Common Local Data Repository (CLDR) v37
  - Thai Dictionary

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ASM Bytecode Manipulation Framework v8.0.1

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c-libutil 20160225

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CUP Parser Generator for Java v 0.11b
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Little Color Management System (LCMS) v2.9
Little Color Management System
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Mesa 3-D Graphics Library v19.2.1

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to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

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