

# Licensing Information User Manual

## Oracle Java SE 11

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### Introduction

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## Licensing Information

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### **Installation packages**

There are no installers or packages that correspond directly with the Oracle Java SE products listed above.

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

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Java SE 11 has no prerequisite products.

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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**

**GIFLIB v5.1.4 - For JDK 11 to 11.0.3**

**GIFLIB v5.1.8 - For JDK 11.0.4 and later**

**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 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)**

On java.xml.crypto

**Apache Santuario v2.1.1**

On java.xml

**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

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

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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## **The FreeType Project: Freetype v2.9.1**

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2006-Jan-27

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- o [freetype@nongnu.org](mailto:freetype@nongnu.org)

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o [freetype-devel@nongnu.org](mailto:freetype-devel@nongnu.org)

Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at

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Jruby 2012

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