



Impact of Oracle Java Licensing Changes

On Jun 21, 2018, Oracle issued a [press release](#) announcing the introduction of a New Java SE Subscription Offering for Broader Enterprise Java Support. Java SE Subscription Provides Licensing and Support for Java SE on Servers, Desktops, and Cloud Deployments.

No more free Java for Commercial use

Java SE 8, the last free Java SE, will see the end of public updates on January 15, 2019, after which commercial users need to purchase a Java SE Subscription, to continue to use the Oracle Java engine. Oracle will provide commercial support for Java SE 8 through at least 2025 including Java Web Start technology.

Oracle Java Software update changing terms and conditions

The new Oracle Java terms and conditions will be displayed when any attempt is made to update or install the Oracle Java software. **All existing Macro 4 product shipments that include Oracle Java by default do not update automatically.** Customers should verify if automatic updates have been enabled on the server and reject the update if no commercial Oracle Java license is in place.

Macro 4 Java Engine changing to AdoptOpenJDK

Macro 4 is actively testing a free alternative Java engine from AdoptOpenJDK to replace the Oracle Java component currently supplied with a number of Macro 4 products. In future product releases, Macro 4 will continue to test its products against Oracle Java, but will only supply the AdoptOpenJDK engine as part of the product shipment.

Customers who wish to use Oracle Java

Customers can still chose to use Macro 4 products with the Oracle's Java engine, where they have an Oracle commercial Java license in place. This can be achieved by setting the JAVA_HOME environment variable to point to the Oracle Java libraries. A Macro 4 support representative can advise on this simple process.

Oracle DB and Solaris Operating System

Customers should be aware that other Oracle software such as the Oracle database and the Solaris operating system are shipped with Oracle's Java, by default. A paid commercial Oracle Java license must be in place for other application usage of that Java version, since critical updates will be automatically applied to Oracle DB and Solaris. When this happens, you will which will subject to Oracle's amended Java terms and conditions.

The Macro 4 products that are impacted are listed in the table below, along with the required actions.

Product	Java embedded?
Columbus Administrator	Yes
Columbus Accounting and adaptors for <ul style="list-style-type: none"> • Columbus OM • Columbus DW • Columbus Central 	Yes
Accounting Services and its components of <ul style="list-style-type: none"> • DumpMaster • TraceMaster • TraceMaster CodeTrack • Tubes • UniGW 	Yes
KGS Content Server, a component of Columbus DW	Yes
Columbus Central Task Plan Editor and Task Plan Monitor features	No
SUPERMON interface, a component of <ul style="list-style-type: none"> • Columbus Central • SUPERMON for Java • SUPERMON for iDisk • SUPERMON for iSeries • Tubes • UniGW 	Yes for Windows, No for other platforms (See Note 1)
Eclipse interfaces, components of <ul style="list-style-type: none"> • M4WorkBench • M4SlickEdit • DumpMaster • InSync • TraceMaster • FreezeFrame • Tubes • UniGW • z/Explorer 	No (See Note 2)

Note 1. Java 7 is delivered so is not impacted by this change. Customers should verify if they have upgraded to Java 8 or above which would incur a charge.

Note 2. Customers must verify if automatic Java updates are enabled for desktop users. These users should reject the update unless a commercial Oracle Java license is in place.