



# Why “Red Hat build of OpenJDK”

Best choice for your JVM

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# 3+ Billion Devices run JAVA

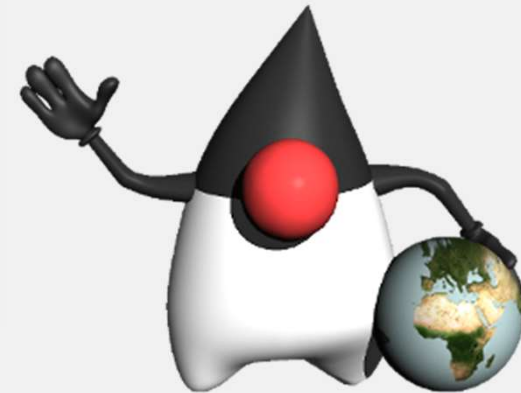
No one has ever expected to pay for Java Virtual Machine  
...until now

What to do?

Purchase Support or upgrade every six months

Self-support is not a realistic option.

It's arguably more complex to maintain and build a  
JVM than even an OS



# ORACLE JDK NO LONGER FREE

On September 6, 2017

The [Oracle JDK](#) will continue as a commercial long term support offering

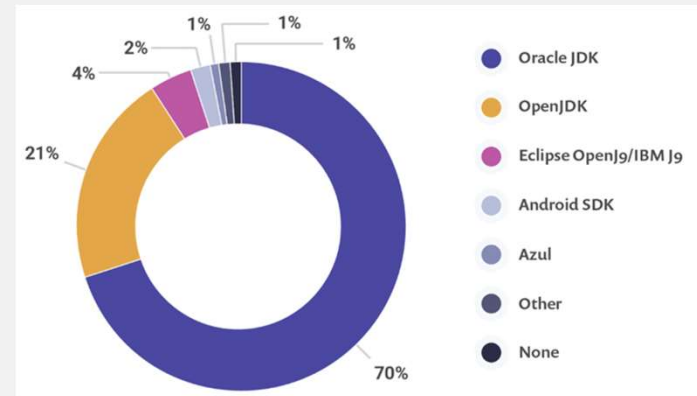
- The Oracle JDK will primarily be for commercial and support customers once OpenJDK binaries are interchangeable with the Oracle JDK (target late 2018)
- Oracle will continue to enhance the packaging and distributing of complete ready-to-run applications

# How big is the impact?

Oracle JDK is the #1

OpenJDK usage is #2

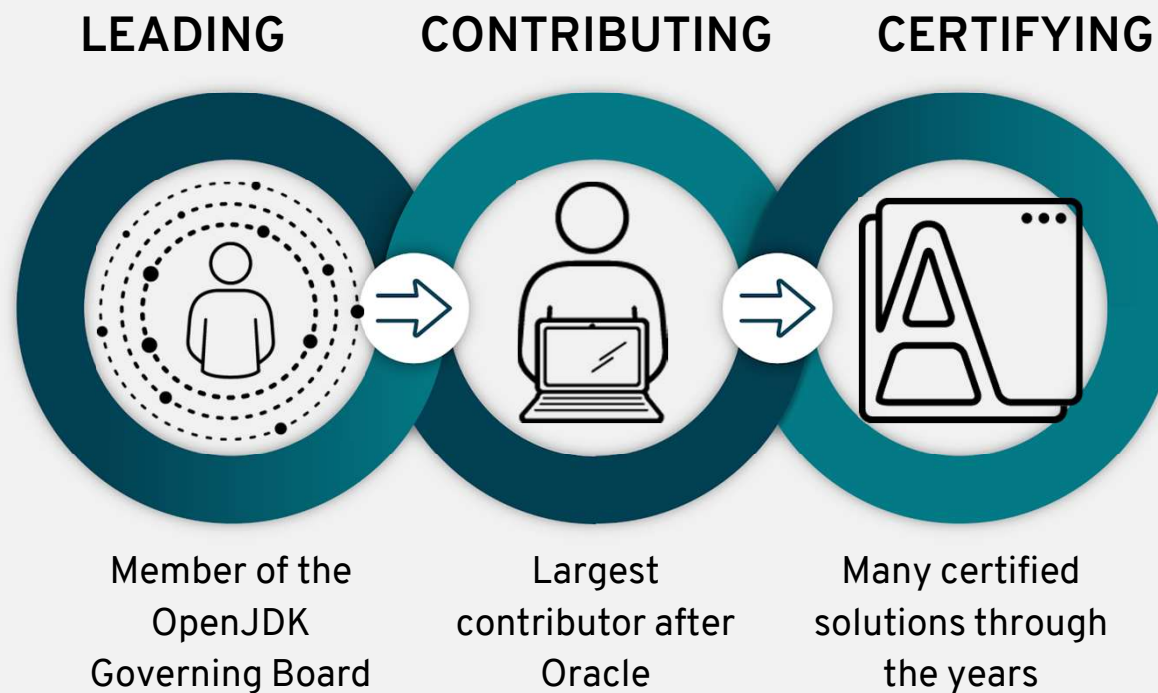
other players <10% in total



Source: [Java Magazine Oct. 2018 - JVM Ecosystem Report 2018](#)

Oracle JDK is a fork of OpenJDK with some additional Oracle add-ons.

# Red Hat - A long history with OpenJDK





# Red Hat build of OpenJDK Releases & Support

	RHEL 5 Support Added	RHEL 6 Support Added	RHEL 7 Support Added	End of support
OpenJDK 6 (1.6)	5.3	6.0	7.0	December 2016
OpenJDK 7 (1.7)	5.9	6.3	7.0	June 2020
<b>OpenJDK 8 (1.8)</b>	-	<b>6.6</b>	<b>7.1</b>	<b>June 2023</b>
<b>OpenJDK 11 (LTS)</b>	-	-	<b>7.6</b>	<b>October 2024</b>

[https://access.redhat.com/articles/1299013#OpenJDK\\_Lifecycle\\_Dates\\_and\\_RHEL\\_versions](https://access.redhat.com/articles/1299013#OpenJDK_Lifecycle_Dates_and_RHEL_versions)



# Red Hat OpenJDK flavours

Fully supported, both Development and Production for...

...Red Hat Enterprise Linux for any Java application

...Red Hat Middleware on Red Hat Enterprise Linux

...Red Hat Middleware **on Windows**

...**Windows** for any Java application



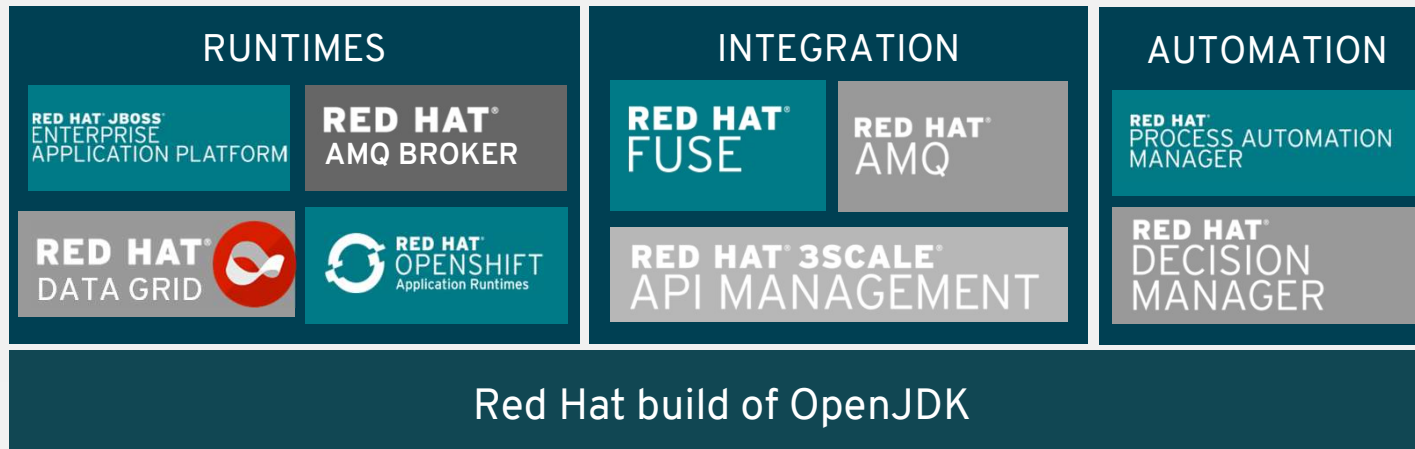
# Red Hat OpenJDK for Windows Packages

New Standalone OpenJDK for Windows Product - Commercial SKUs		Per year
MW00558	Red Hat build of OpenJDK for Workstations, Premium (50 Clients)	€ 1,440.00
MW00559	Red Hat build of OpenJDK for Workstations, Premium (1000 Clients)	€ 12,000.00
MW00562	Red Hat build of OpenJDK for Workstations, Standard (50 Clients)	€ 960.00
MW00563	Red Hat build of OpenJDK for Workstations, Standard (1000 Clients)	€ 8,000.00
MW00565	Red Hat build of OpenJDK for Servers, Premium (10 Cores)	€ 1,440.00
MW00566	Red Hat build of OpenJDK for Servers, Premium (200 Cores)	€ 15,840.00
MW00569	Red Hat build of OpenJDK for Servers, Standard (10 Cores)	€ 960.00
MW00570	Red Hat build of OpenJDK for Servers, Standard (200 Cores)	€ 10,560.00



# Trusted and Market-tested

All Red Hat Middleware supports Red Hat build of OpenJDK



# Large online European bank enhances costs & supportability of their Java apps with Red Hat build of OpenJDK

## A large direct/online bank in Germany

With a well-defined phased approach, migrating from Oracle JDK to Red Hat build of OpenJDK is a smooth transition

### CHALLENGE

With thousands of JBoss EAP and Tomcat instances, they wanted to lower their support costs and stop their dependence on Oracle for JVM

### SOLUTION

- Combined, they had 3,500+ JBoss EAP and Tomcat instances, which they grouped by environment (dev, stage, test, pre-prod, prod, maintenance) to carry out migration from Oracle JDK to Red Hat build of OpenJDK in a phased manner.
- They were able to successfully and easily migrate all instances and stayed at the same version level.



Smooth migration



Reduced Support Costs



Single vendor support for Java apps

# FAQ

<p>Is Red Hat build for OpenJDK supported on Windows?</p>	<p>Red Hat build for OpenJDK is supported on Windows for development and production for all Java workloads.</p>
<p>What subscriptions cover support for Red Hat build for OpenJDK?</p>	<ul style="list-style-type: none"><li>● A RHEL subscription includes support for Red Hat build of OpenJDK</li><li>● All RH MW subscriptions include support for Red Hat build of OpenJDK</li><li>● RH Application Runtimes subscription also includes support for Red Hat build of OpenJDK</li><li>● Red Hat build of OpenJDK for Windows subscription (for all non-RH-MW Java workloads)</li></ul>
<p>Where can I download Red Hat build of OpenJDK for Windows from?</p>	<p>From the <a href="#">Developers site</a> From the <a href="#">customer portal</a></p>

# FAQ

<p>If I already have a RH MW subscription, e.g. JBoss EAP subscription, and I'm running it on Windows, does this subscription cover non-RH-MW applications on the same Windows server/desktop?</p>	<p>No, it does not. You need to get a separate Red Hat build of OpenJDK subscription to get support for your non-RH-MW applications running on the same Windows server/desktop</p>
<p>Does Red Hat build of OpenJDK include a replacement for Java WebStart?</p>	<p>WebStart was <a href="#">deprecated</a> in Java 9 release. Oracle <a href="#">does not plan to migrate</a> desktops from Java SE 8 to later versions via the auto update feature (includes Java Plugin &amp; Java Web Start). Oracle encourages developers to <a href="#">use the packaging options introduced with Java SE 9</a> to repackage and deliver their Java applications as stand-alone applications. <a href="#">IcedTea</a>, part of the OpenJDK umbrella, is a replacement for WebStart. Red Hat is a primary maintainer of IcedTea.</p>

# FAQ

<p>Do customers need to buy Oracle Java if they want to have long term support on Java?</p>	<p>No. Red Hat build of OpenJDK also offers long-term support for Java. Remind customer of benefits of Red Hat build of OpenJDK vs. Oracle JDK as well as our support lifecycle for Red Hat build of OpenJDK.</p>
<p>Do customers have to open source their code when they start using OpenJDK?</p>	<p>No. From the OpenJDK <a href="#">FAQ</a>, “OpenJDK is released under an well-known open-source licensing model, that places no restrictions on your ability to run OpenJDK”. OpenJDK <a href="#">license</a> is GNU-GPLv2, open source with Classpath Exception, which has the following exception “As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable”</p>



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