

Forum:[Hack Forums](#)

Thread: [Java - Managed or Native](#)

kinsella - August 11, 2018, 11:48 am

Hello,

I want to know if java is a managed or native programming language.

And what do I have to install on my system before I can run java applications.

XMR - August 11, 2018, 1:22 pm

Java is a managed programming language if by managed you mean it's non-native since it's compiled to bytecode and not native machine code. Java applications require the Java Runtime Environment (JRE) to run. If you wish to develop Java software, you need the Java Development Kit (JDK).

kinsella - August 11, 2018, 1:27 pm

(Aug 11, 2018 01:22 PM)Arccotangent Wrote: [\[CITE\]](#) Java is a managed programming language if by managed you mean it's non-native since it's compiled to bytecode and not native machine code. Java applications require the Java Runtime Environment (JRE) to run. If you wish to develop Java software, you need the Java Development Kit (JDK).

Then which is the Java Virtual Machine

XMR - August 11, 2018, 1:32 pm

(Aug 11, 2018 01:27 PM)kinsella Wrote: [\[CITE\]](#) Then which is the Java Virtual Machine
Both the JRE and JDK have the Java Virtual Machine. The JDK is simply an extension of the JRE with extra development tools. If you're not planning on coding in Java, get the JRE, otherwise, get the JDK.