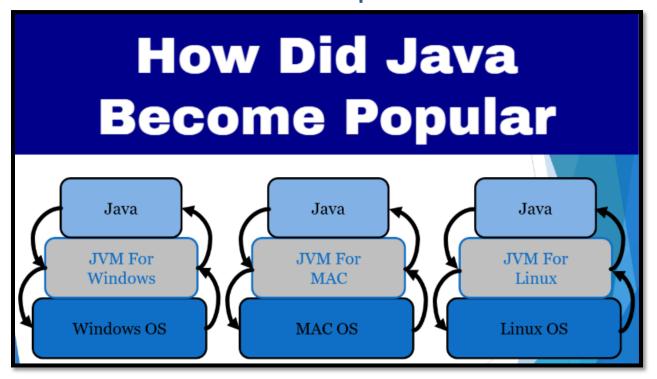


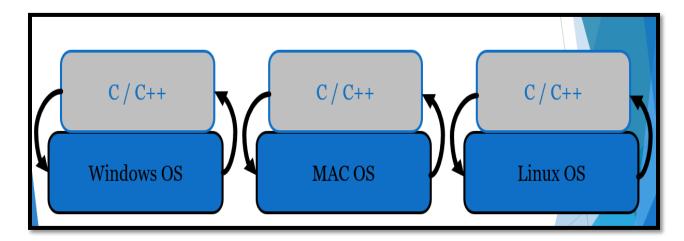
(Transcript) How Did Java Become Popular?



How did Java become popular? Java became popular because it is a platform independent programming language. Platform independent means we can run code from Java on more than 1 platform. Also, the Internet helped Java become popular when it moved to the forefront of programming. Java addressed some internet issues such as security and portability. In addition, Java introduced a networked program called an applet. An applet changed the way our online world thought about content. Did you know Java originated from C and C++? That's one of the reasons why Java and C# are related to each other with similar syntaxes. Both languages are built on the legacy inherited from C and C++.

Hi, my name is Rex Jones II and I enjoy sharing knowledge through books, blogs, and videos. My plan is to start releasing videos every Monday, Wednesday, and Friday around 9 PM Central Standard Time. If you are interested, subscribe to my YouTube channel then click the bell icon, connect with me on LinkedIn, follow me on Twitter, and you can reach out to me on Facebook.

Java is platform independent. However, C and C++ are not platform independent. They are written on top of a platform such as Windows, Mac, and Linux. To run the C and C++ code, first we compile the code then use resources from the operating system. Therefore, these 2 languages C and C++ depend on a particular operating system. We cannot take code written for Windows and execute it on Mac. The code must be executed on; the platform it was compiled on.



However, Java became platform independent because there's a component between Java and the platform. That component is (JVM) Java Virtual Machine. JVM is a run-time system designed to execute bytecode. Bytecode is the output from a Java compiler. The purpose of bytecode is to provide instructions executed by the JVM.

It was important for Java to create a JVM because different devices have different operating systems. That's why we see JVM for Windows, JVM for MAC, and JVM for Linux. Although the JVM details are different, they all understand the same Java bytecode. That's a quick overview of How Java Became Popular.