

Differences between JDK, JRE,JVM.

Java Development Kit which is shortened as JDK is defined as a software development environment is used for making java applications and applets. All the developers who use Java can use Java Development Kit on solaris, windows, Linux and macOS .

So JDK allows the developers to write down the code and be able to execute or run all the programs coded in Java. And for the people who need to install more than the Java Development Kit versions on their computer they do so.

JDK is an independent platform which comes with the installer whereas Java Runtime Environment which is also shortened as JRE is a designed software for running other softwares it includes loader class ,class libraries and Java Virtual Machine. To run any Java program we need to have JRE as the person who is not familiar with programming . It is said that because Java Development Kit comes with Java Runtime Environment so no need to install it again a side whereas

Java Virtual Machine which is shortened as JVM is embedded in JDK and JRE, it provides a runtime environment when driving applications or Java code. JVM also can convert the java bytecode into the machine language.