

Introduction to Java Programming

Java

James Gosling at Sun Microsystems

Released in May 1995

Why need another programming language

C, C++, COBOL, FORTRAN, Perl

Features of Java

Primary
Features
of



Platform
Independency

Security

Simplicity

Object
Oriented

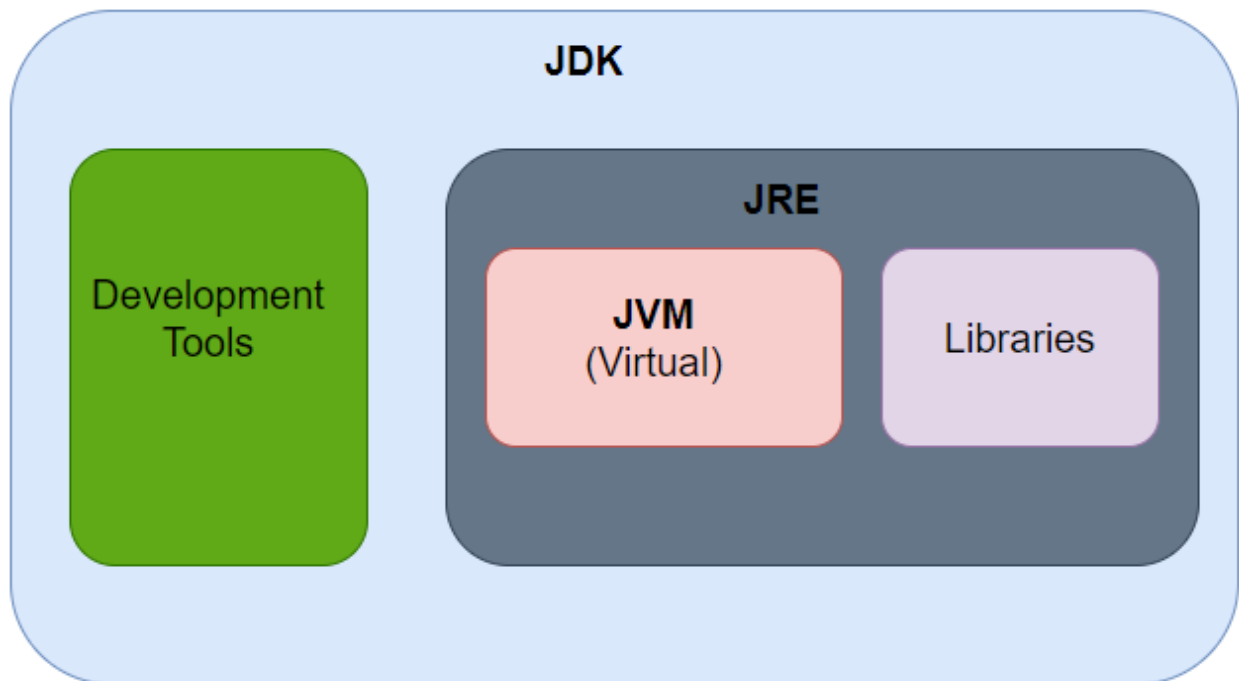
Reliability

Multi-threading

Setting up development environment

JDK

JRE



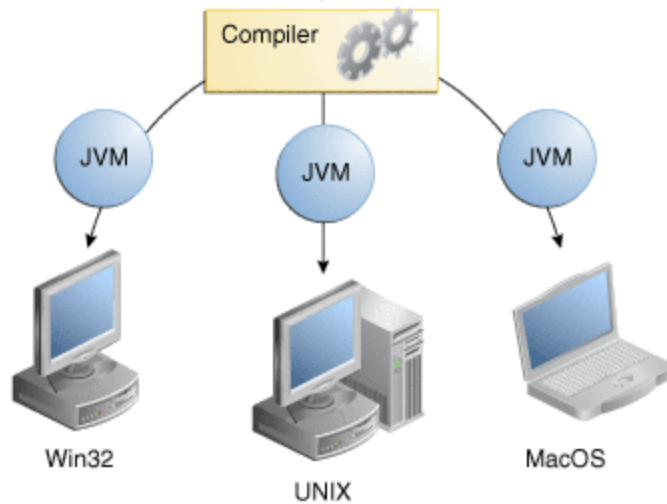
- Install the JDK if you don't have installed it
- Set path of the jdk/bin
- Create the Java program
- Compile and run the Java program

Java Program

```
class HellowordApp {  
    public static void main(String arg[]) {  
        System.out.println("Hello Word");  
    }  
}
```

HellowordApp.java

Tutorial4us.com



Programming Text Editor

Notepad (Windows) or TextEdit (macOS)

- For Windows: VS Code, Sublime Text, Atom, Notepad++, TextPad
- For macOS: VS Code, Sublime Text, Atom, gEdit, jEdit.
- For Ubuntu: VS Code, Sublime Text, Atom, gEdit

Programming IDE

- Eclipse
- IntelliJ IDEA
- NetBeans

Java Programs practice