

C/C++ Code



Compile



.exe

Binary Code



.exe

Binary Code

Binary Statements given as a feed to CPU by OS → CPU Runs those statement

Developer's machine

Client Machine

Java Code



Compile



.JAR

ByteCode



.JAR

Byte Code

Byte Code feed to JVM (JIT)

Binary Statements - > CPU Runs

.NET Code (C#, VB.NET, J#, F#, SmallTalk, Ruby.. ... 85+)



Compile



.EXE / .DLL

MSIL
(Micro Soft Intermediate Language)



.EXE

MSIL

Common Language Runtime
MSIL feed to CLR (JIT)

Binary Statements - > CPU Runs