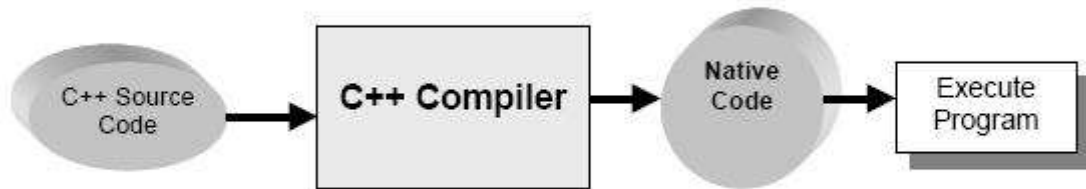
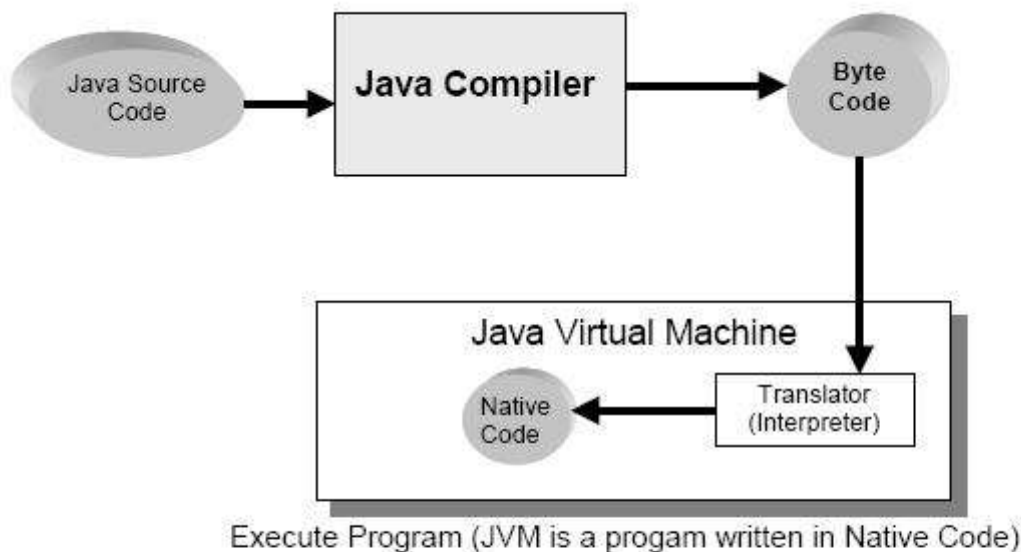


Java vs. C++ (Native Code generation)

C++ Approach – Compiler produces native code



Java Approach: Native code produced by Java Virtual Machine



If you want your code (C++ or Java) to run on a different platform, what pieces above must you replace?

Notes:

- Java Virtual Machines interpret programs in bytecode (Dr. Nels Vander Zanden)
 - New microprocessors are being developed that can directly execute bytecodes (skipping the interpretive process can mean big runtime speedups)
 - If you want your code (C++ or Java) to run on a different platform, what pieces above must you replace?

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