

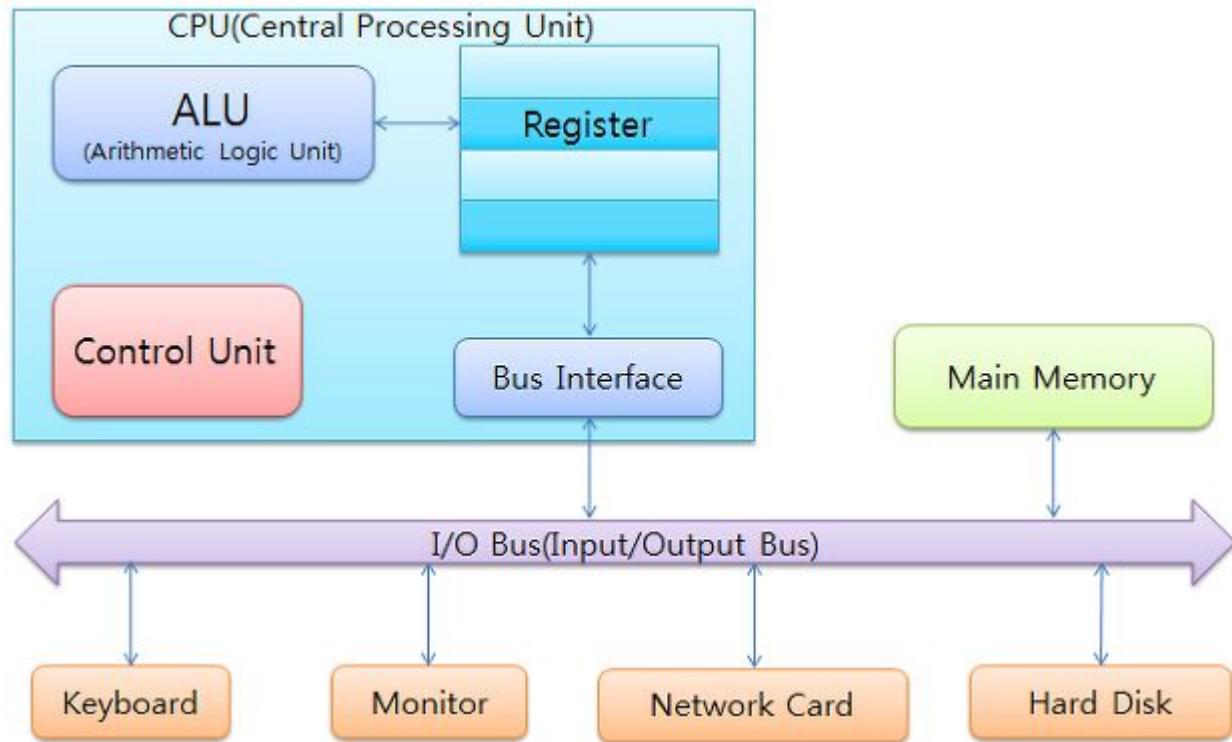
Java

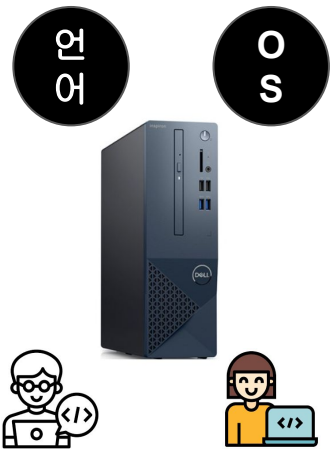


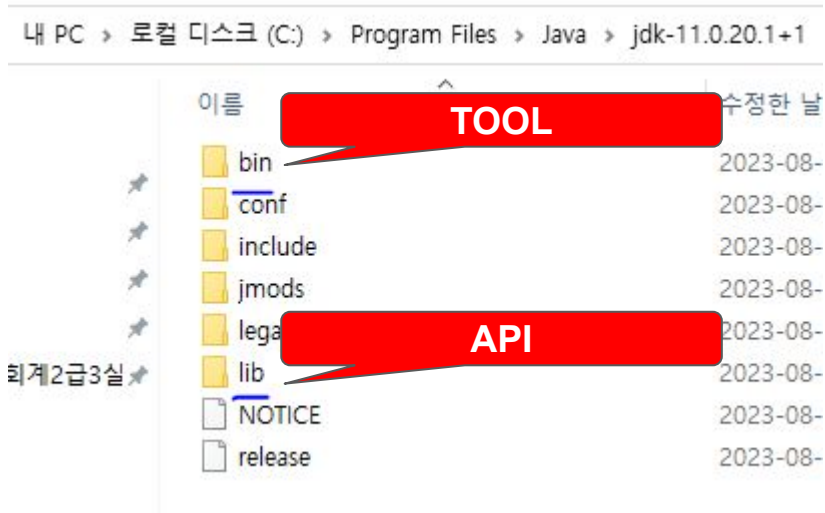
서버

인터넷

클라이언트







JDK (자바개발환경)

javac, javap

JRE (자바실행환경)

java, javaw, library(API)

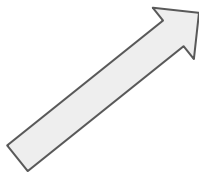
JVM (자바가상머신)

JIT 컴파일러

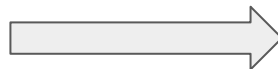
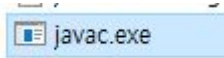


```
public class Hello {  
    public static void main(String[] args)  
    {  
        System.out.println("Hello Wolrd!");  
    }  
}
```

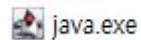
프로그래밍언어
- 자바



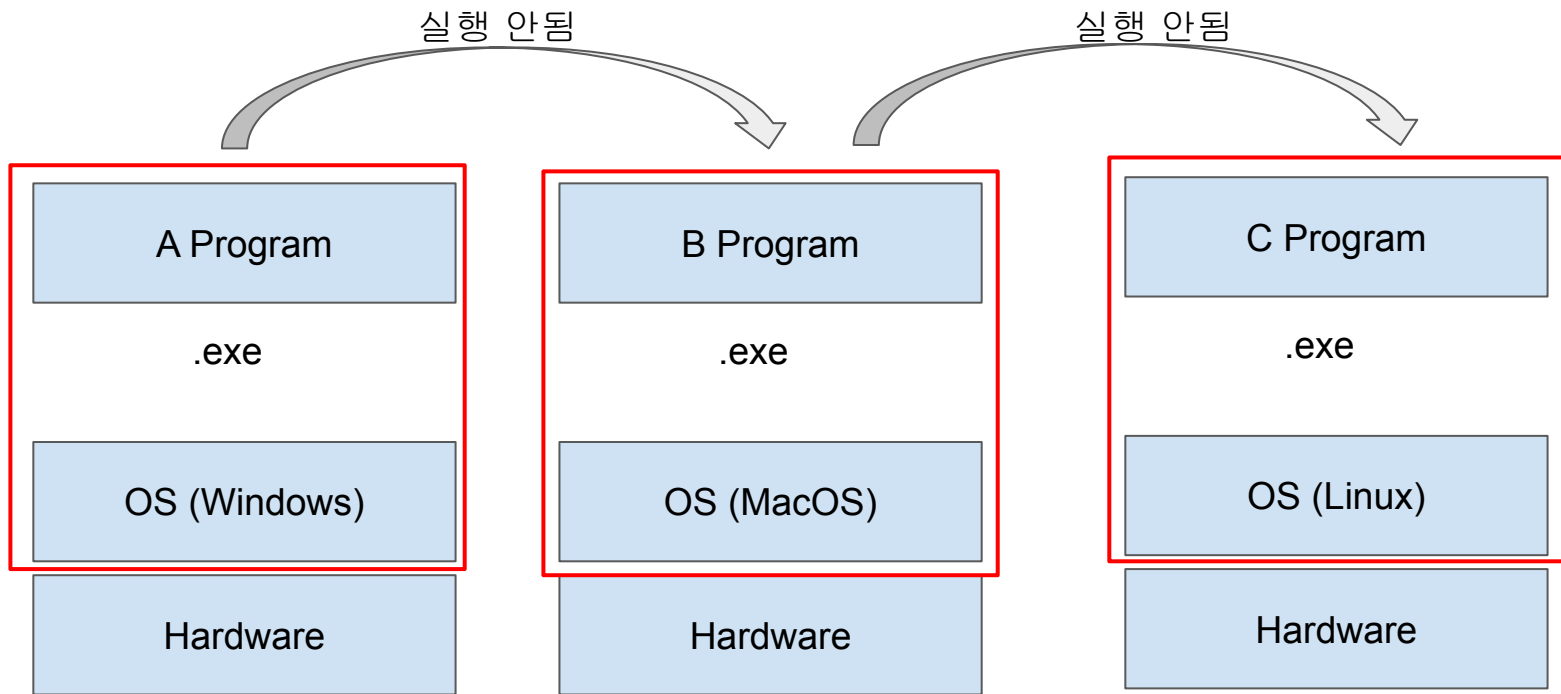
JDK에 포함된
컴파일러



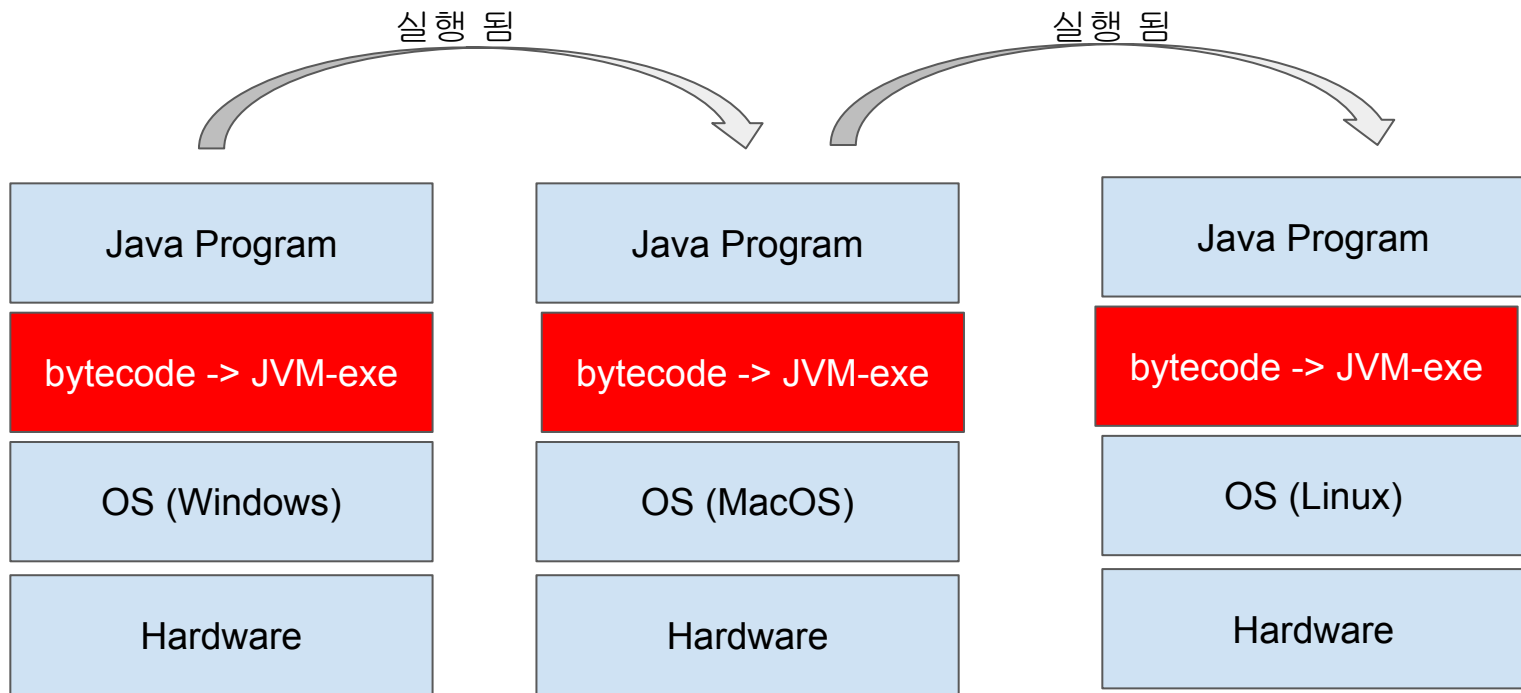
JDK에 포함된 실행



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종속적



JDK에서 처리

Java Source
File
(.java)

컴파일
(javac.exe)

Java Byte
Code
(.class)

Run을 하는 순간
(실행하는 순간)
java.exe

JVM이 동작 함

Class loader

Execute

java.exe Hello (실행)
⇒ 원격프로세서 호출 (JVM)

*수의 표현(진법)

