HISTORY OF C

Basically C language introduced in 1972, by a software engineer named "DENNIS RITCHIE" working in AT & T [American Telephone & Telegraph] Bell labs, located at murray hills, new jersy, USA.

Ritchie adopted [taken] The compiler from B compiler / B Language, designed by "KEN THOMSON", one of the software engineer in AT & T Bell labs.

Thomson adopted B language from BCPL [Basic Combined Programming Language], developed by an Assistant professor named "MARTIEN RICHARDS" in Cambridge University.

In 1989 ANSI [American National Standards Institute] released a new version of C language with the name "ANSI-C", which is familiar with the name "C-89".

In 1999 ISO [International Standard Organization] formerly known as IOS [International Organization for standardization] released a new version of c language with the "C-99".

Basically C language designed for Rewriting UNIX operating system.

Nowadays we can create and execute a C program on any machine with any processor. i.e. we can execute the c programs on 80386 / 80486 / 80586 / intel core i3 / i5 / i7 / i9 / AMD Rayzon processors etc. Hence C is called it is a machine independent programming language.

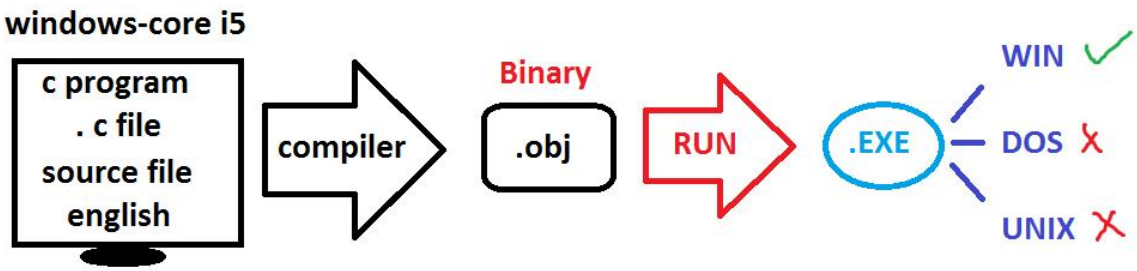
For example the languages like 8086 / 8088 are working only on 8086 and 8088 processors. Hence they are called machine dependent programming languages.

But C is a platform dependent programming language. i.e. the c applications designed for one operating system are not working in another type of operating systems. For example the C application designed for Window is not working in UNIX or Linux etc. Due to this problem, using C language we can't design web applications. C is a machine independent but platform dependent, it is also called partial portable language. Because of this problem by using C we can develop only the standalone applications.

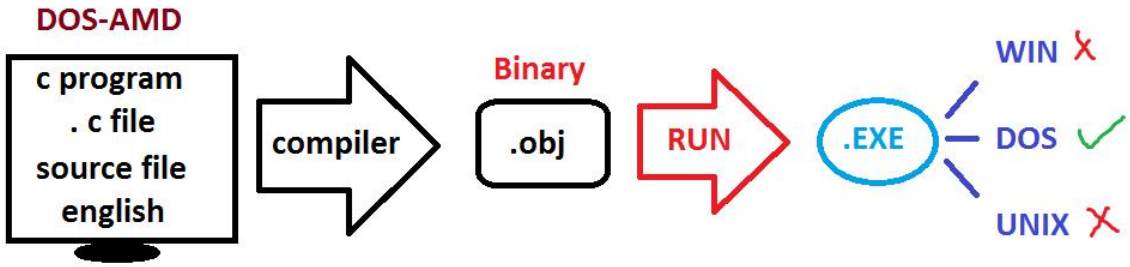
Standalone applications installed in a single system and operated from that system only.

The languages like Java / .Net / Python are platform independent and machine independent. Hence they are called portable languages and they are used to develop both web applications and standalone applications.

Web applications are installed in a web server and access across the world by using the web clients.

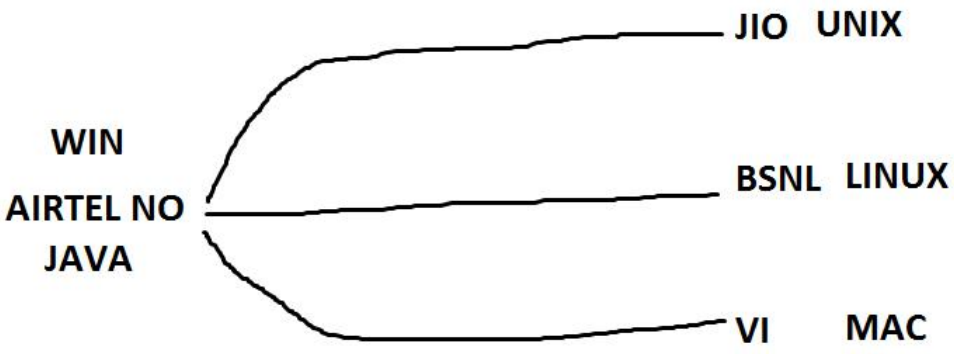


MACHINE INDEPENDENT PARTIAL PORTABILITY PLATFORM DEPENDENT



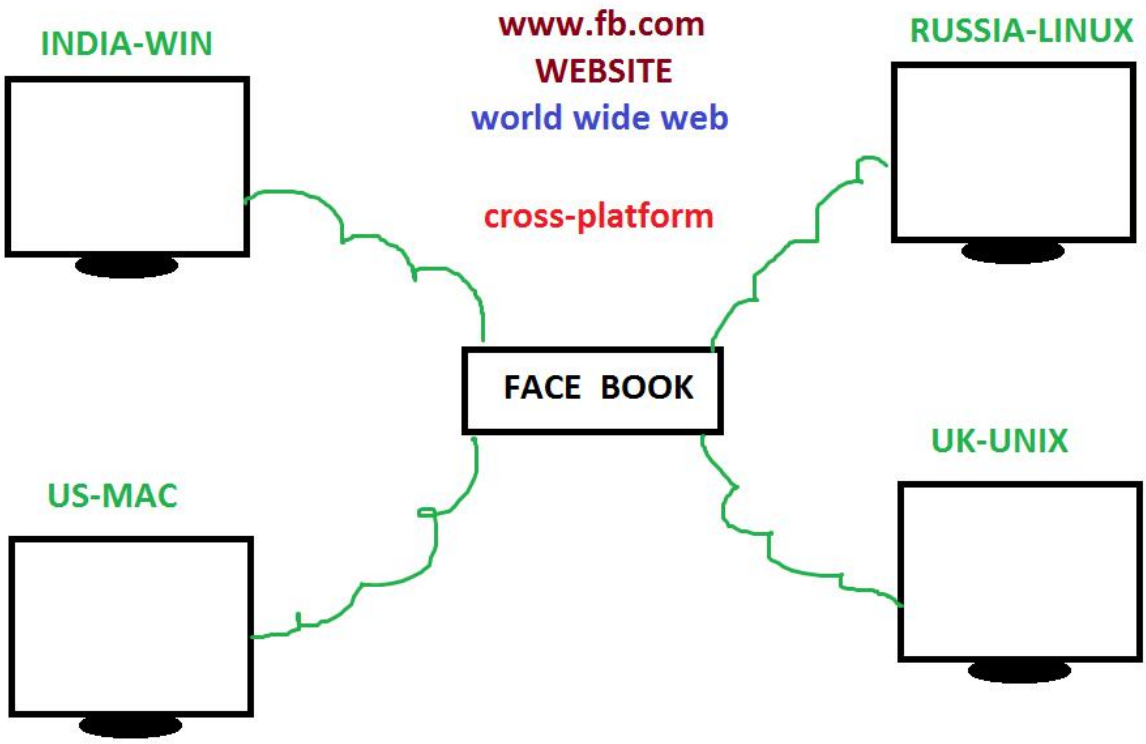
M N P

Mobile No Portability



MACHINE INDEPENDENT & PLATFORM INDEPENDENT

WORA - WRITE ONCE RUN ANYWHERE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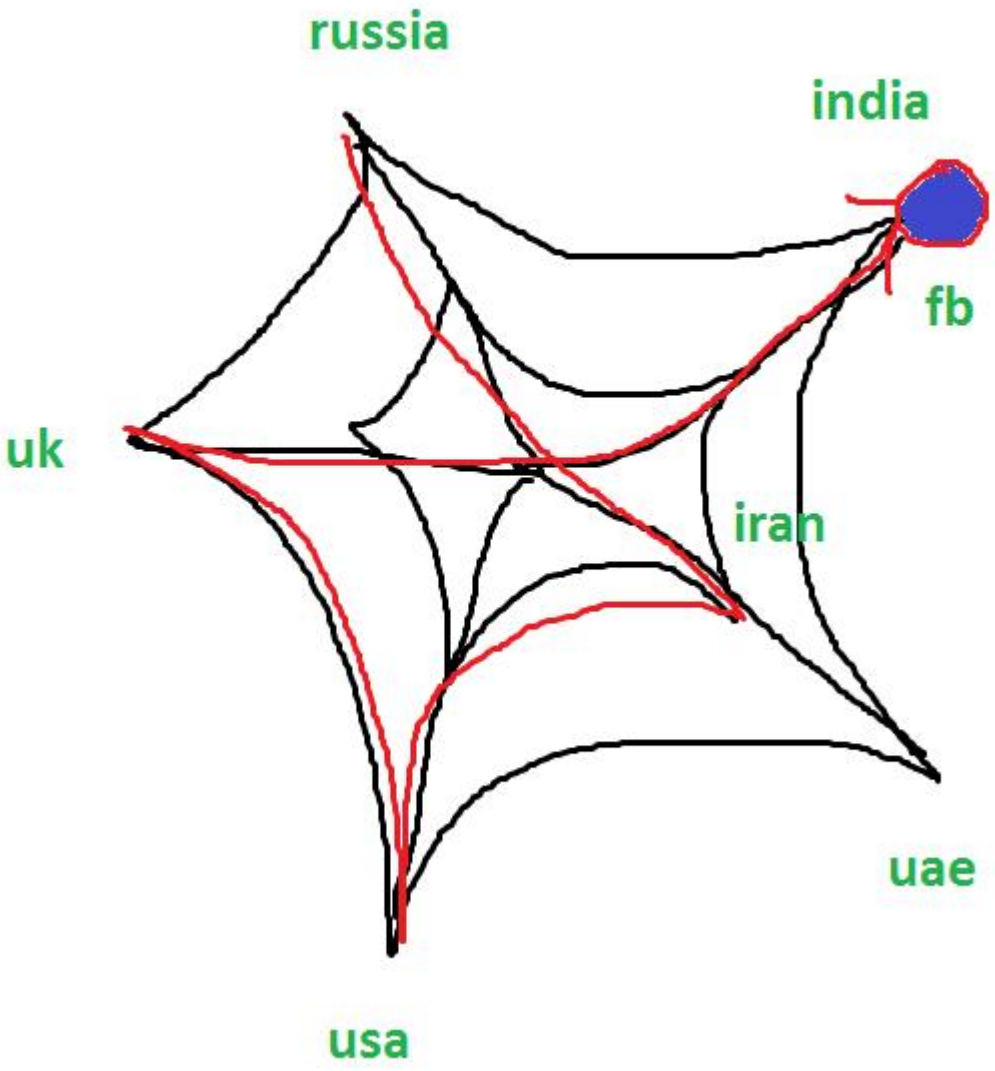

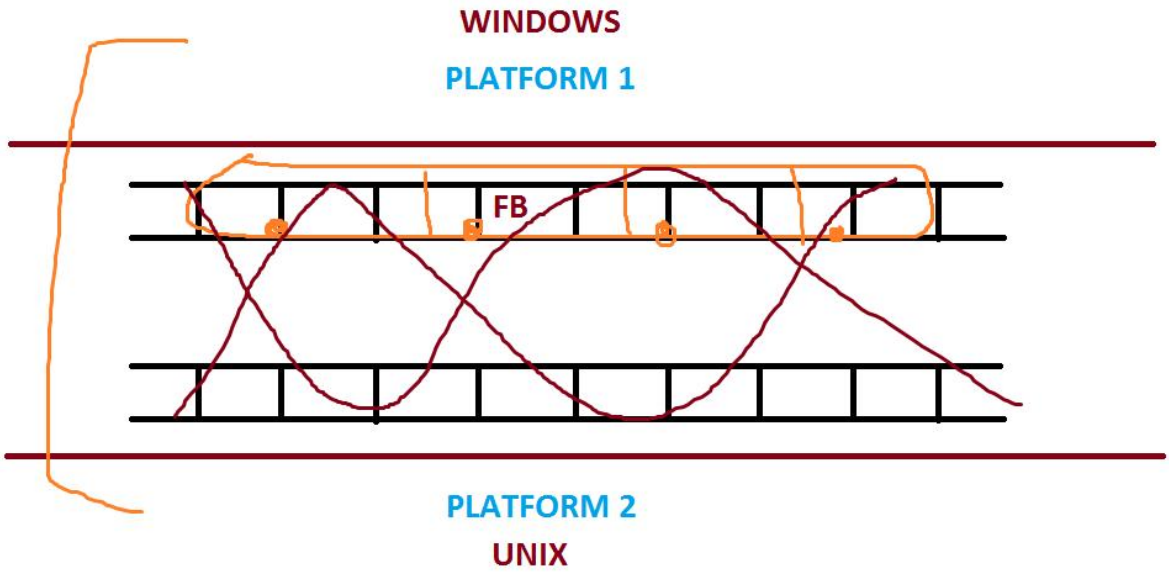
WINDOWS
PLATFORM 1
FB
PLATFORM 2
UNIX