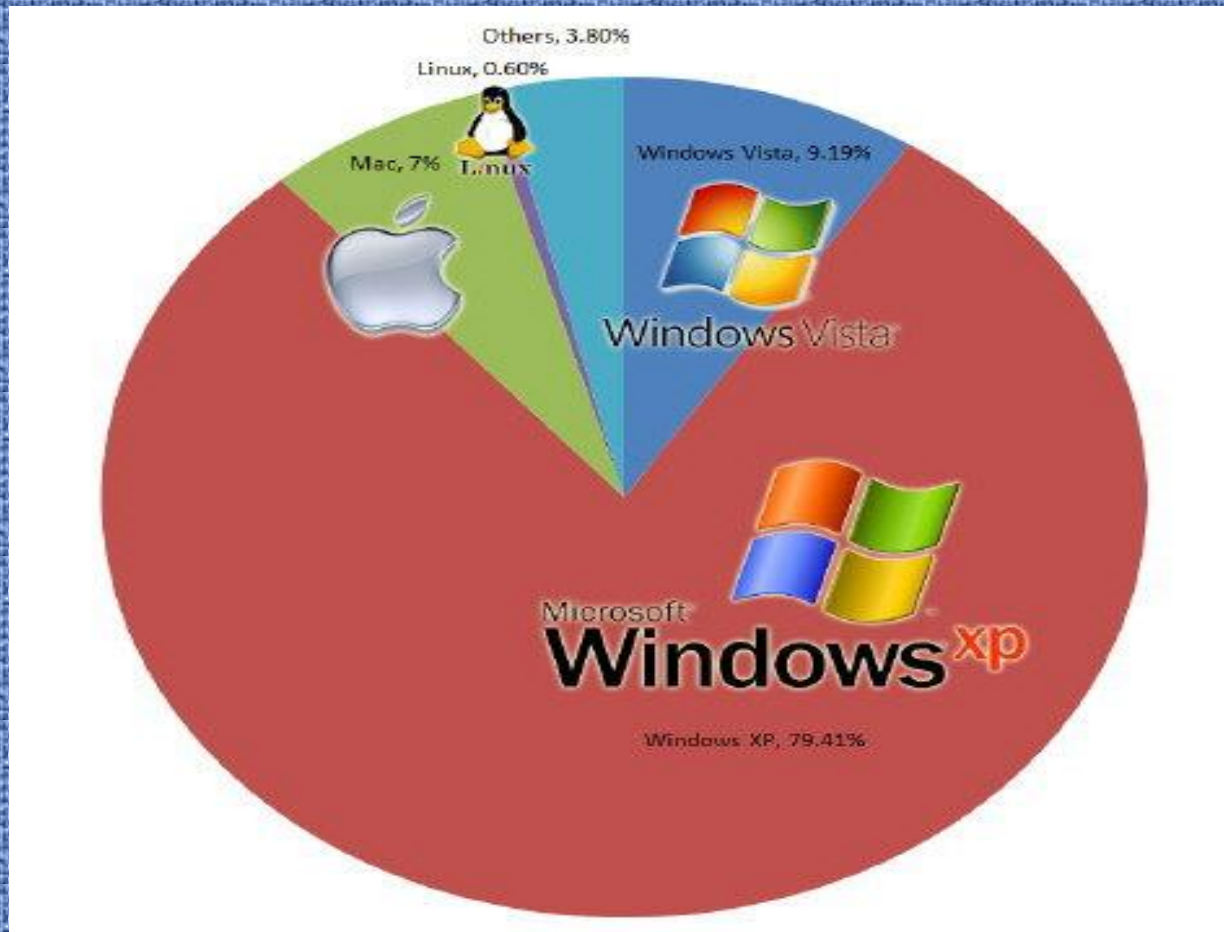


# OPERATING SYSTEMS

An **operating system (OS)** is an interface between hardware and user which is responsible for the management and coordination of activities and the sharing of the resources of the computer that acts as a host for computing application run on the machine.



# **Examples of operating systems:**

# Microsoft Windows (OS)

## Windows 7 Ultimate Desktop

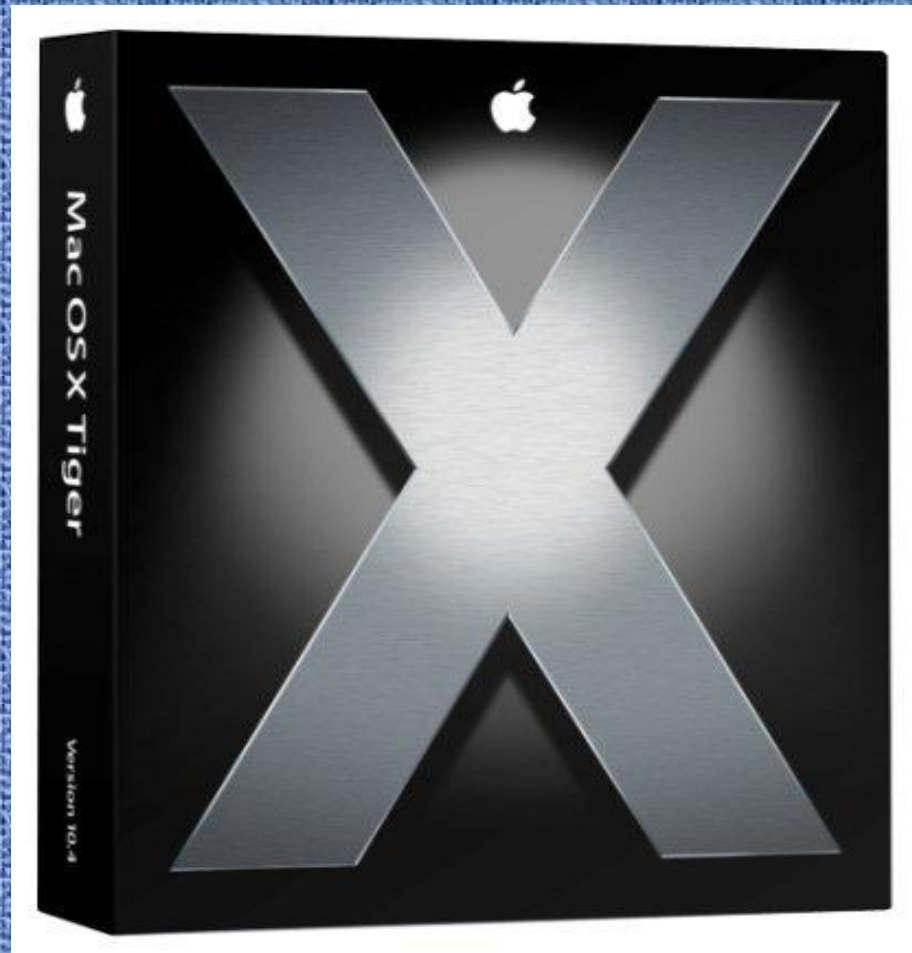
Microsoft Windows is a family of proprietary operating systems that originated as an add-on to the older MS-DOS operating system for the IBM-PC.



## Mac OS X

### Mac OS X Snow Leopard Desktop

Mac OS X is a line of partially proprietary, graphical operating systems developed, marketed, and sold by Apple Inc., the latest of which is pre-loaded on all currently shipping Macintosh computers.





Ken Thompson wrote B, mainly based on BCPL, which he used to write Unix, based on his experience in the MULTICS project.

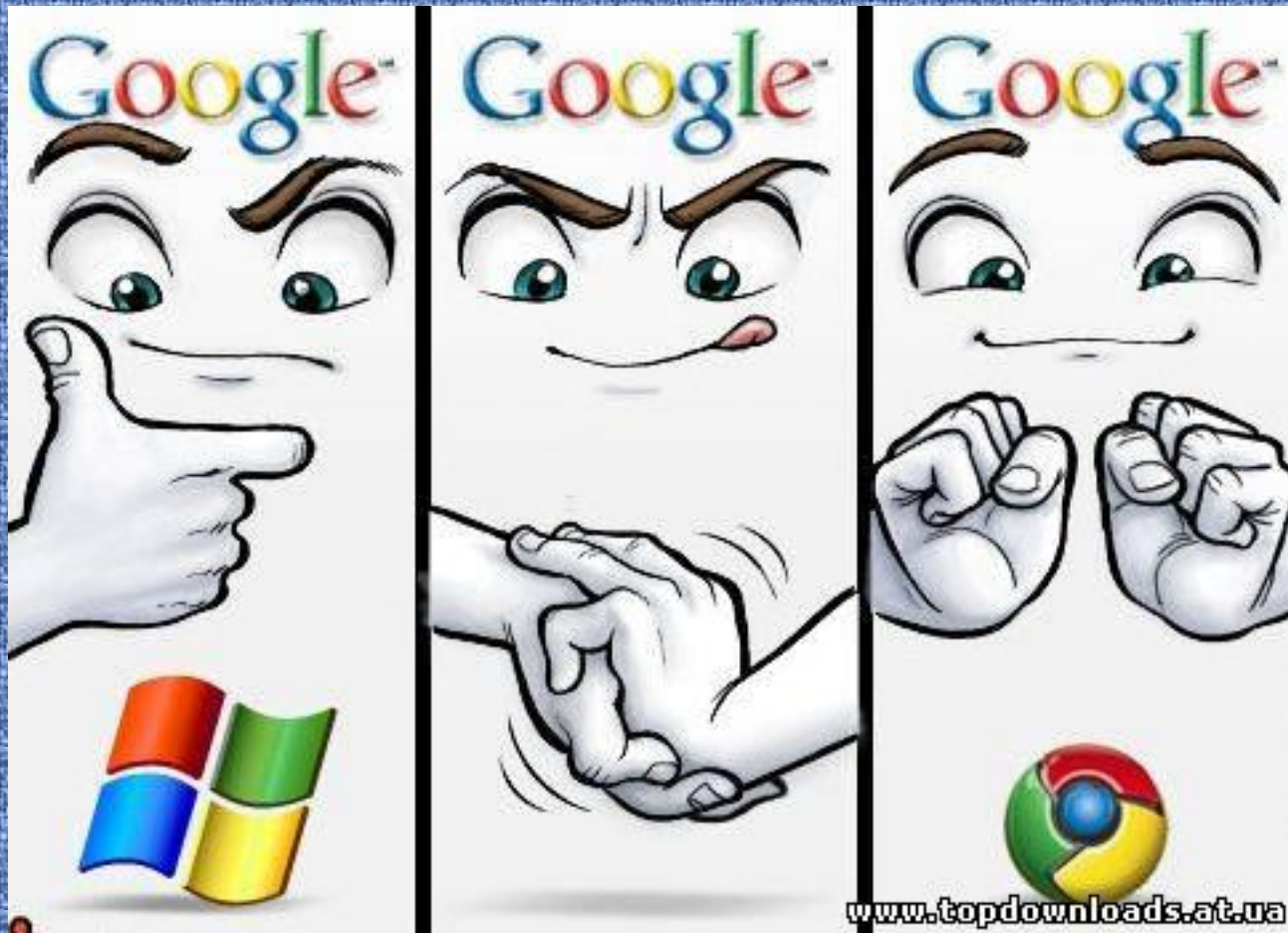


GNU / Linux

## Google Chrome

### Google Chrome OS Desktop

Google Chrome OS is an open-source-**operating system** designed by Google to work exclusively with web applications.



## Plan 9

Ken Thompson, Dennis Ritchie and Douglas McIlroy at Bell Labs designed and developed the C programming language to build the operating system Unix.



**Plan 9 from Bell Labs**



A photograph of a road with two chevron signs pointing in opposite directions. The signs are red with white chevrons. The road is dark asphalt with a white line. The background is a grassy field with trees. The text "THE END" is overlaid in large white letters.

**THE END**