

## Operating Systems

What is an operating system?

An operating system (OS) is system software that manages computer hardware and software resources and provides common services for computer programs.

### DOS Operating System

DOS is the first operating system used with the PC. It was developed by Microsoft for the firm IBM.

It works in text mode using a prompt: orders must be known by the user (not very complex and included related English words), the GUI with mouse came later.

DOS (Disk Operating System) is an operating system that runs from a hard disk drive. The term can also refer to a particular family of disk operating systems, most commonly MS-DOS (Microsoft Disk Operating System).

An operating system (OS) is the software that controls a computer's hardware and peripheral devices and allows other programs to function. Early computers did not have disk drives but were hard-wired to carry out specific computations. Later, computers were able to store instructions loaded into the computer's memory using punch cards and later magnetic tapes.

- a platform-independent

#### Dos commands

- Can type the commands uppercase or lowercase
- Backspace key to erase the mistakes
- You must press ENTER after every command you type - ↑ to get earlier commands

1. To change the title  
title new
2. To see and change the date  
date
3. To see and change the time  
time
4. Check the version of windows  
ver
5. To check the windows OS edition, version and build number  
winver
6. Change directory  
cd desktop
7. View the content of the current directory.  
dir

8. Files in alphabetical order  
`dir /on`
9. Files in descending order  
`dir /o-n`
10. Change the directory to previous directory  
`cd..`
11. Change the directory to starting directory  
`cd \`
12. Create a folder in desktop  
`md [folder name]`  
`mkdir [folder name]`
13. Change the directory  
`cd [directory name]`
14. Remove the directory  
`Rd [directory name]`
15. Clear the command prompt (Clear Line Screen)
16. Copy a folder to another  
`xcopy [source] [destination]`