

MS-DOS/CMD

A book for Expert in
CMD



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SPECIAL CREDIT: WEBEL GOTAN

MS-DOS/CMD



MS-DOS

*MS-DOS:- Microsoft Disk Operating System

*CMD:- Command Prompt

Operating System:- A kind of system that helps to control, observe and introspect various electronic mechanism and also fulfills the needs of application software. Example- MS-DOS, Windows 95/98/2000/XP/VISTA/7/8/9/10, Unix, Linux etc.

Functions:-

1. Communicates between the computer and the user.
2. Controls input and output devices.
3. Controls the memory of a computer.
4. Develops the performance of the computer.
5. Assembles a huge amount of input and output data.

File and Directory:-

File: Any task composed and saved in a computer is known as a file.

Directory: It is a space or location in which user can store many Files, Folders, Subfolders

etc. Local Disk C:, D:, E: are called root directory.

Directory structures are of three types Single Layer, Double Layer, Multi Layer/Three structure.

MS-DOS performance based on commands. There are two types Internal, External.

Internal:- Date, Time, VOL, VER etc.

External:- Edit, Find, Attrib etc.



Internal Commands:-

1. **Date:-** To view or change date of computer.
Syntax:- C:\>DATE
2. **Time:-** To view or change time of computer.
Syntax:- C:\>TIME
3. **CLS:-** To clean the screen of computer.
Syntax:- C:\>CLS
4. **MD:-** To make directory in computer.
Syntax:- C:\>MD [New Directory Name]
Example:- C:\>MD Hello
5. **CD:-** To change directory/folder.
Syntax:- C:\>CD
Example:- C:\>CD C:\Users\WEBEL
6. **Copy Con:-** To create a new file in the disk.
Syntax:- C:\>COPY CON [File Name With Extension] Example:- C:\>COPY CON Hello.txt
7. **Type:-** To see the data of a file in a disk.
Syntax:- C:\>TYPE [File Name With Extension]
Example:- C:\>TYPE Hello.txt
8. **Ren:-** To rename a existing file.
Syntax:- C:\>REN (Old Name) + (New name)
Example:- C:\>REN Hello.txt Hello World.txt
9. **DEL:-** Delete a file in the disk.
Syntax:- C:\>DEL [File Name With Extension]
Example:- C:\>DEL Hello.txt
10. **DEL A *.*:-**
Syntax:- C:\>DEL A *.*
11. **Dir:-** It shows the list of files in the disk
Syntax:- C:\>DIR
12. **CD ..:-** To parent Directory/Folder.
Syntax:- C:\>CD ..

External Commands:-

1. **Attrib:-** This command can change the features of a file. User can hide/unhide, Read-only/Read-Write a file.

Syntax:- C:\>Attrib +h [Filename] [Hide]

C:\>Attrib -h [Filename] [Unhide]

C:\>Attrib +r [Filename] [Read only]

C:\>Attrib -r [Filename] [Read-Write]

C:\>Attrib +h +r [Filename] [Hide+Read-only]

Example:- C:\>Attrib +h +r Hello.txt

3. **Move:-** This command can move a file or directory to another directory.

Syntax:- C:\>MOVE /Y [Filename]..[Directory\Path] (Your location must be that directory where the file exist)

C:\>MOVE /-Y [Filename]..[Directory\Path]

4. **Edit:-** User can edit a new or existing file/directory.

Syntax:- C:\>EDIT [Filename]

Example:- C:\>EDIT Hello.txt

5. **Tree:-** It shows directory, subdirectory, file etcetera of a disk like a tree.

Syntax:- C:\>TREE

6. **MEM:-** It displays free and used memory in the disk.

Syntax:- C:\>MEM

7. **Print:-** It is used to print a text file.

Syntax:- C:\>PRINT [Filename]

Example:- C:\>PRINT Hello.txt

8. **Check Disk:-** It checks a disk informs about free and used space or bad sectors in a disk.

Syntax:- C:\>CHKDSK [Disk name]

Example:- C:\>CHKDSK E:

9. **Disk Copy:-** This command copies contents of a removable disk to another disk.

Syntax:- C:\>DISKCOPY [Directory Name]

Example:- C:\>DISKCOPY H: [H: Must be a removable disk]

10. **Format:-** It formats the specific drive.

Syntax:- C:\>FORMAT [Directory Name]

Example:- C:\>FORMAT H:

[Warning:- If you format disk all things are been deleted and wouldn't be recovered]

11. **Scan disk:-** It finds errors a drive and fixes if any problem persists.

Syntax:- C:\>SCANDISK [Directory Name]

Example:- C:\>SCANDISK C:

*Scan disk command only support on CMD Version 6.2+ you can check your cmd version by typing this command C:\>VER

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Special Credit:- WEBEL Gotan

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