

COMPUTER SYSTEMS

UD4: FILE SYSTEMS

A01: Important directories

CFGS
DAW

DPT INF

1 Important directories on a GNU / Linux system

GNU / Linux is organized into a file system starting from the root directory '/'. From this hangs a tree-shaped structure where the different objects are organized.

To see the contents of a directory we can do it in two ways:

1. List content directly with **ls /**
2. Go to it with **cd /** and then list with **ls**

Do the same, but now ready with **ls -l** or its alias **ll**

1.1 GNU / Linux Directories: [5 marks]

Complete the following table, briefly summarizing what is stored in each of these directories. You will need to search the Internet for bibliography on this topic (You can search for "linux file system" or "important linux directories")

Write in the right column examples of one or two files that you find inside them.

To see the content of some directories we need to use the "sudo" utility. Highlight those directories in bold.

(note: those with a pink background, do them at the end, these are optional exercises)

Directories	Contents	Examples
/bin		
/sbin		
/usr		
/usr/bin		
/usr/sbin		
/usr/src		
/etc		
/etc/skel		
/root		
/home		

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/lib		
/media		
/tmp		
/lost+found		
/proc		
/dev		
/dev/null		

1.2 Rutes relatives i rutes absolutes [1 mark]

Specify two examples of a relative path and two examples of an absolute path.

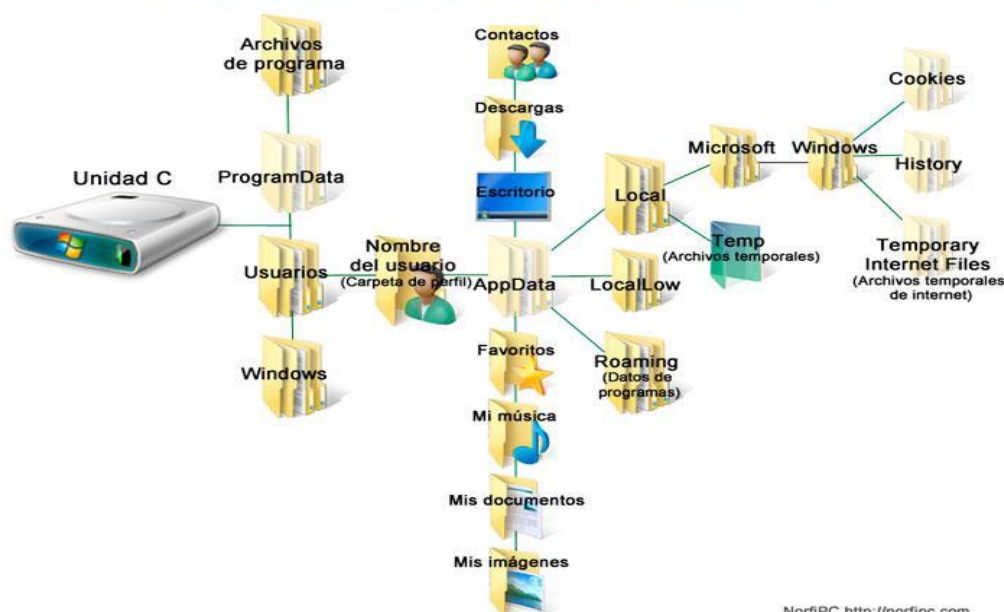
2 Important directories on a Windows system

As in Linux, Windows is organized into a file system that starts from the root directory, which in this case is **C** :.

From here hangs a tree-shaped structure to organize the different objects.

Las principales carpetas de sistema en Windows

Ubicación en el explorador de solo algunas de las principales carpetas del sistema



2.1 Directoris a Windows: [3 marks]

Identify which folder is used for: (enter your path)

1. Windows is installed
2. System Folder
3. Program Files Folder

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4. Shared Program Data
5. Folder where the Sources are installed
6. Programs that start with Windows
7. User Profile Folder

2.2 Relative routes and absolute routes [1 mark]

Give two examples of a relative path and two examples of an absolute path.