Unit 05. Activities 02

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1. Exercise 01

Investigate and post/discuss in the forum some of these topics (remember, there is an extra point if you participate in the forum):

- What is "/dev" directory and explain how to mount a unit.
- What is file "/etc/fstab".
- Differences between hard links and symbolic links.
- Examples of files with bit SetUID activated and why they need it.
- Security problems with bit SetUID.
- Any other Linux topic that you consider interesting or difficult.

2. Exercise 02

Do the suggested actions on Linux console and write the command used to perform each one.

1. Go to your home directory.

2. Create directory "*PRACTICA*" on your home directory.

3. Change current directory to "*PRACTICA*".

4. Create subdirectory "*DATOS*" in "*PRACTICA*".

5. Change current directory to "*DATOS*".

6. (Outside of Linux console) Create a file "*texto.txt*" with your name and surname inside.

7. Copy file "*texto.txt*" to "*texto.bak*".

8. Copy file "*texto.txt*" to "*texto.bas*".

9. Execute command "*ls*" using wildcards to only show files that start with "*TEX*" and its two first extension characters would be "*ba*".

10. Create file "*salida.txt*" using a redirected output using the command of the last exercise.

11. Check the content of "*salida.txt*" using command "*cat*".

12. Rename file "*salida.txt*" to "*salida.dat*".

13. (Outside of Linux console) Create in your home a file named "`clasi.dat`" with this content inside:

1 Valencia CF

2 At. Madrid

3 Villarreal CF

4 FC Barcelona

5 Real Madrid

14. Being "*DATOS*" your current directory, copy all content of directory "*PRACTICA*" and its subdirectories to a new directory "*DOCS*" in the root ("*/home/yourhome/DOCS*").

15. Change to directory "*home/yourhome/DOCS/DATOS*" using one command with a relative route.

16. Create file "`clasi.org`" as a result of sort file "`clasi.dat`" for the second column.

17. Delete created directories and files with one command.