Computer Systems – Activities 2
UD 10. LINUX

Computer Systems
CFGS DAW

Sergio García / Alfredo Oltra
sergio.garcia@ceedcv.es
alfredo.oltra@ceedcv.es
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Licencia

Nomenclatura

A lo largo de este tema se utilizarán distintos símbolos para distinguir elementos importantes dentro del contenido. Estos símbolos son:

♂ Actividad opcional. Normalmente hace referencia a un contenido que se ha comentado en la documentación por encima o que no se ha hecho, pero es interesante que le alumno investigue y practique. Son tipos de actividades que no entran para examen

👁 Atención. Hace referencia a un tipo de actividad donde los alumnos suelen cometer equivocaciones.

UD010. LINUX
Activities 2

1.1 Activity 1

Investigate and post/discuss in the forum some of these topics (remember, there is an extra point for 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 SetUID activated and why they need it.
- Security problems with bit SetUID
- Any other Linux topic that you consider interesting or difficult.

1.2 Activity 2

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 sub-directory 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 file clasi.dat with:

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 sub-directories to a new directory DOCS in the root (/home/yourhome/DOCS)

18. Change to directory home/yourhome/DOCS/DATOS using a relative route

19. Create file clasi.org as a result of sort clasi.dat for second column.

20. Delete created directories.