

Scripting Philosophy

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What is a script?

In a highly simplistic view, a bash script is nothing else just a text file containing instructions to be executed in order from top to bottom. How the instructions are interpreted depends on defined shebang or the way the script is executed.

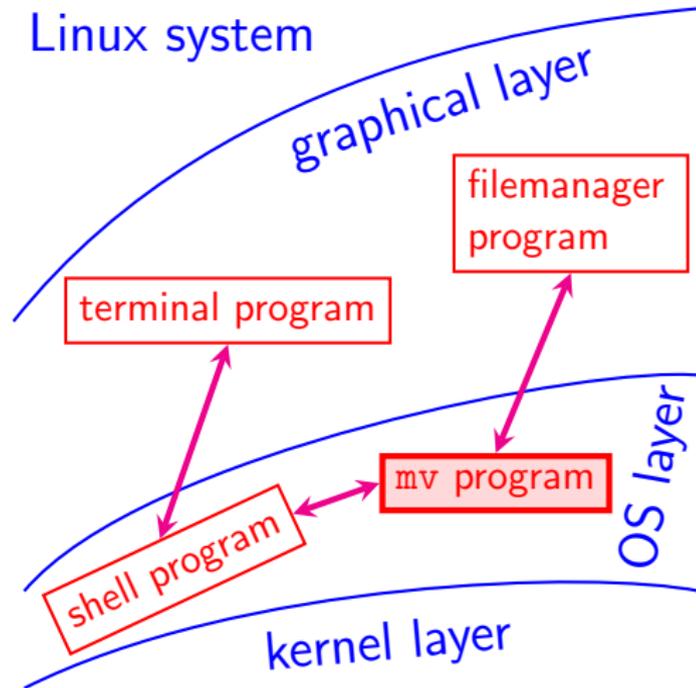
Reasons for scripting

- Automation of often required tasks
- Automation of complicate sets of instructions
- Memory (user's black booklet)

Why linux commands are more powerful than in windows:

Linux layers philosophy

Example: how the operation **move a file from a folder to another folder** is managed



How to build a script

- Basic knowledge of some linux programs from the OS layer
- Decompose the task into concatenation of operations realizable by programs in the OS layer