CS0424IT — ESERCITAZIONE S2 L2

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TRACCIA

Installare su Kali Linux il gioco GameShell per familiarizzare con i comandi della shell.

SVOLGIMENTO

```
[mission 1] $ pwd
/home/kali/gameshell/World
[mission 1] $ ls
Castle Forest Garden Mountain Stall
[mission 1] $ gsh goal
```

```
UPPERCASE words appearing in commands are meta-variables: you need to
 replace them by appropriate (string) values.
 Most filesystems treat uppercase and lowercase characters differently.
 Make sure you use the correct path.
[mission 1] $ ls
Castle Forest Garden Mountain Stall
[mission 1] $ cd Castle
[mission 1] $ ls
Cellar Great_hall Main_building Main_tower Observatory
[mission 1] $ cd Main_tower/
[mission 1] $ ls
First_floor
[mission 1] $ cd First_floor/Second_floor/Top_of_the_tower/
[mission 1] $ ls
[mission 1] $ gsh goal
| Mission goal
 Go to the top of the main tower of the castle.
```

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```
Mission goal
  You have taken a fancy to the four standards in the great hall of the
  castle. As stealing them would not go unnoticed, put a copy (same name,
  same content) of each in your chest.
 Useful commands
 cp FILE DIRNAME
 Copy the file to the directory.
 Remark: 'cp' is an abbreviation of "copy".
~/Castle/Cellar
[mission 10] $ cd ../Great_hall/
~/Castle/Great_hall
[mission 10] $ ls
25000_decorative_shield 51115_suit_of_armour standard_2 standard_4
36881_stag_head
                         standard_1
                                               standard_3
~/Castle/Great_hall
[mission 10] $ cp standard_* ~/Forest/Hut/Chest/
~/Castle/Great_hall
[mission 10] $ ls ~/Forest/Hut/Chest/
coin_1 coin_2 coin_3 standard_1 standard_2 standard_3 standard_4
~/Castle/Great_hall
[mission 10] $ gsh check
```

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Mission goal

The old hermit is thirsty and he would like you lookup the recipe for distilled water.

In order to validate the mission, you need to be in the cave with Servillus **and** your last command prior to ``gsh check`` must show the steps for the recipe and nothing else.

Note: you shouldn't alter the content of the book of potions.

Useful commands

head [-n K] [FILE]
 Print the first lines (10 by default, K if ``-n K`` is used) of the given file, or standard input if no file is given.

tail [-n K] [FILE]
 Print the last lines (10 by default, K if ``-n K`` is used) of the given file, or standard input if no file is given.

COMMAND1 | COMMAND2

Run the two commands, feeding the "standard output" of the former into the "standard input" of the latter.

Remark: by analogy with plumbing "|" is called "pipe".

Remark

Parts in [square brackets] in command descriptions are stand for optional parts. The brackets are not part of the command.

(**)

--/Mountain/Cave
[mission 26] \$ |

```
ps
     PID TTY
                           TIME CMD
  54176 pts/0
                    00:00:00 zsh
  54200 pts/0
                    00:00:00 bash
  54200 pts/0 00:00:00 bash
54230 pts/0 00:00:00 spell
57007 pts/0 00:00:00 spell
  59624 pts/0
                     00:00:00 ps
[mission 28] $ kill -s 7 57007
[mission 28] $ ps
     PID TTY
                           TIME CMD
  54176 pts/0 00:00:00 zsh
54200 pts/0 00:00:00 bash
54230 pts/0 00:00:00 bash
59759 pts/0 00:00:00 ps
[mission 28] $ gsh check
Congratulations, mission 28 has been successfully completed!
  | Use the command
         $ gsh help
  | to get the list of "gsh" commands.
```