

Nell'esercizio di oggi installeremo su Kali Linux un gioco per familiarizzare con i comandi della shell.

Installazione:

Per installare il gioco GameShell, eseguire in ordine i seguenti comandi, assicurarsi di avere connettività ad Internet prima e di aver eseguito il comando `sudo apt update`

`sudo apt install gettext man-db procps psmisc nano tree bsdmainutils x11-apps wget`

`wget https://github.com/phyver/GameShell/releases/download/latest/gameshell.sh`

Una volta eseguiti i comandi, il gioco può essere lanciato con il comando **`bash gameshell.sh`**

Inizio game:

```
(kali@kali)-[~]
└─$ bash gameshell.sh
Warning: there is a more recent savefile
You can
  (1) keep the given file (gameshell.sh)
  (2) switch to the last savefile (gameshell-save.sh)
  (3) abort
File System
What do you want to do? [123]
```

Gsh index: Elenco missioni completate.

```
~/Castle/Main_building/Library/Merlin_s_office/Drawer
[mission 43] $ gsh index
 1 basic/01_cd_tower (completed)
 2 basic/02_cd_cellar (completed)
 3 basic/03_cd_HOME_throne (completed)
 4 basic/04_mkdir_chest (completed)
 5 basic/05_rm_spiders_cellar (completed)
 6 basic/06_mv_coins_garden (completed)
 7 basic/07_mv_hidden_coins_garden (completed)
 8 basic/08_rm_wildcard_spiders_cellar (completed)
 9 basic/09_rm_wildcard_hidden_spiders_cellar (completed)
10 basic/10_cp_standard_great_hall (completed)
11 basic/11_cp_wildcards_tapestries_great_hall (completed)
12 basic/12_cp_ls_mtime_paintings_tower (completed)
13 misc/01_cal_nostradamus (completed)
14 intermediate/01_alias_la (completed)
15 misc/02_nano_journal (completed)
16 intermediate/02_alias_journal (completed)
17 intermediate/03_tab_spider_lair (completed)
18 intermediate/04_bg_xeyes (completed)
19 finding_files_maze/01_ls_cd (completed)
20 finding_files_maze/02_tree (completed)
21 finding_files_maze/03_find_1 (completed)
22 pipe_intro_book_of_potions/01_head (completed)
23 pipe_intro_book_of_potions/02_tail (completed)
24 pipe_intro_book_of_potions/03_cat (completed)
25 pipe_intro_book_of_potions/04_pipe (completed)
26 pipe_intro_book_of_potions/05_pipe_head_tail (completed)
27 processes/01_ps_kill (completed)
28 processes/02_ps_kill_signal (completed)
29 processes/03_pstree_kill (completed)
30 stdin_stdout_stderr/01_stdin_additions (completed)
31 stdin_stdout_stderr/02_stdin_redirection_multiplications (completed)
32 stdin_stdout_stderr/03_stdout_redirection_inventory (completed)
33 stdin_stdout_stderr/04_stderr_dev-null_grimoires (completed)
34 stdin_stdout_stderr/05_stdout_stderr_redirection_merlin (completed)
35 permissions/01_chmod_x_dir_king_quarter (completed)
36 permissions/02_chmod_r_file_king_quarter (completed)
37 permissions/03_chmod_rw_file_dir_throne_room (completed)
38 finding_files_maze/04_find_2 (completed)
39 finding_files_maze/05_find_xargs_grep (completed)
40 pipes_merchant_stall/01_pipe_1 (completed)
41 pipes_merchant_stall/02_pipe_2 (completed)
42 misc/03_tr_caesar_shift (completed)
→ 43 FINAL_MISSION
```

Missione 42 completata:

```
kali@kali: ~  
File Actions Edit View Help  
~/Castle/Main_building/Library/Merlin_s_office/Drawer  
[mission 42] $ gsh check  
What's the key that will make Merlin's chest to appear?  
pnxn  
  
Congratulations, mission 42 has been successfully completed!  
  
tar: gameshell.3/World/Castle/Main_building/Throne_room/Kings_quarter/note: Cannot open: Permission denied  
tar: Exiting with failure status due to previous errors  
SAVEFILE MIGHT BE INCORRECT  
  
CONGRATULATIONS!  
  
You have finished all the missions.  
  
Use the command  
$ gsh help  
to get the list of "gsh" commands.
```

Missione 43 termina il gioco.

```
~/Castle/Main_building/Library/Merlin_s_office/Drawer  
[mission 43] $ gsh goal  
  
Congratulations!  
  
You have finished all the missions.  
  
You can now quit GameShell, or go back to some old missions.  
  
Use ``gsh HELP`` to get a list of all GameShell commands.  
The commands ``gsh index`` and ``gsh goto N`` are particularly interesting.  
  
Note: the admin password has been changed to 'qwerty'.
```