

Report esercizio 19/05/2023

Questa è la prima missione completata di Gameshell. Dovevo muovermi tra le directory per arrivare alla directory finale `Top_of_the_tower`.

```

kali@kali: ~
Minimize all open windows and show the desktop
File Actions Edit View Help

/ / Show a list of locations that are currently accessible.
/ / Remark: ``ls`` is an abbreviation of "list".
/ /
/ / gsh check
/ / Check if the mission objective has been achieved.
/ /
/ / gsh reset
/ / Restart the mission from the beginning.
/ /
/ / system
/ /
/ / Remarks
/ /
/ / 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] $ pwd
/home/kali/gameshell/World
[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
[mission 1] $ ls
Second_floor
[mission 1] $ cd Second_floor
[mission 1] $ ls
Top_of_the_tower
[mission 1] $ cd Top_of_the_tower
[mission 1] $ ls
[mission 1] $ gsh check

Congratulations, mission 1 has been successfully completed!

Copy
Use the command
$ gsh help
to get the list of "gsh" commands.

Paste

[mission 2] $

```

```
Text Editor
Simple Text Editor -lp

Useful commands

mkdir DIRECTORY
Create a new directory inside the current directory.
Remark: mkdir is an abbreviation for "make directory".

~/Castle/Main_building/Throne_room
[mission 4] $ cd ..
~/Castle/Main_building
[mission 4] $ cd ..
~/Castle
[mission 4] $ cd ..
~/
[mission 4] $ ls
Castle Forest Garden Mountain Stall
~/
[mission 4] $ cd Forest
~/Forest
[mission 4] $ mkdir Hut
~/Forest
[mission 4] $ cd Hut
~/Forest/Hut
[mission 4] $ mkdir Chest
~/Forest/Hut
[mission 4] $ gsh check
Congratulations, mission 4 has been successfully completed!

Use the command
$ gsh help
to get the list of "gsh" commands.

~/Forest/Hut
[mission 5] $
```

Nella quarta missione, bisognava creare nella directory “Forest”, prima la directory “Hut” e poi la directory “Chest”.

```
Text Editor
Simple Text Editor -lp

Mission goal
Collect all the coins hidden in the garden in front of the castle, and put them in your chest (in your hut in the forest).

Secondary objective
Learn how to use the "Tab" key to go faster.

Useful commands
ls -A
List all the files of the current directory, including hidden files. (A file is "hidden" when its name starts with a dot.)
Tab
The tabulation key "completes" the name of a file or directory once you have typed the beginning of its name. This only works
if there is only one possible completion.
Tab-Tab
Pressing tabulation twice successively shows a list of possible completions.

~/Garden
[mission 7] $ ls -A
.14408_coin_3 .64998_coin_1 .8829_coin_2 Flower_garden Maze Shed
~/Garden
[mission 7] $ mv .14408_coin_3 .64998_coin_1 .8829_coin_2 ~/Forest/Hut/Chest
~/Garden
[mission 7] $ gsh check
Congratulations, mission 7 has been successfully completed!

Use the command
$ gsh help
to get the list of "gsh" commands.
```

Nella settima missione era necessario trovare i file nascosti nella directory e spostarli nella directory “Chest”.

```
lali@kali: ~  
Mission goal  
The tapestries in the castle's great hall are also particularly beautiful. Put a copy of each in your chest.  
Useful commands  
cp FILE1 FILE2 ... FILEN DIRNAME  
Copy the files to the directory.  
Remarks: "cp" is an abbreviation of "copy".  
Shell patterns  
*  
The "*" character stands in for any sequence of characters  
(including an empty sequence).  
?  
The "?" character stands in for any single character.  
~/Castle/Great_hall  
[mission 11] $ ls -A  
10722_tapestry_01 34986_tapestry_02 37865_tapestry_10 43880_tapestry_08 4718_tapestry_04 63747_decorative_shield 8676_tapestry_09 standard_2 standard_4  
12550_suit_of_armour 35686_tapestry_03 41269_tapestry_06 46431_tapestry_05 5633_stag_head 6584_tapestry_07 standard_1 standard_3  
~/Castle/Great_hall  
[mission 11] $ cp *tapestry* ~/Forest/Hut/Chest  
~/Castle/Great_hall  
[mission 11] $ gsh check  
Congratulations, mission 11 has been successfully completed!  
Use the command  
$ gsh help  
to get the list of "gsh" commands.  
~/Castle/Great_hall  
[mission 12] $
```

Nell'undicesima missione, bisognava trasferire tutte le copie del file "tapestry" nella cartella "Chest" tramite Shell pattern <*>.

```
lali@kali: ~  
Mission goal  
Find the silver coin in the maze in the garden and move it to your chest using the shell.  
Useful commands  
ls -R  
Print the list of all files / directory, including those in sub-directories (recursively).  
tree  
Print the tree of files and directories, starting from the current working directory.  
~/Garden/Maze  
[mission 20] $ ls -R  
.:  
./225586b4284/ 972b995f818626181/ cf4446bcc89986ea/  
./225586b4284/265939e3e3e569a1/ gef966756ab88cd84fed/ 78a9717d9546b9ff995d91b1/  
./225586b4284/265939e3e3e569a1/ 2cb421ae6df/ 341999108719f5145e40fa/ bbbfd95bca9877e/  
./225586b4284/265939e3e3e569a1/2cb421ae6df:  
./225586b4284/265939e3e3e569a1/341999108719f5145e40fa:  
./225586b4284/265939e3e3e569a1/bbbfd95bca9877e:  
./225586b4284/gef966756ab88cd84fed:  
3f83d3fbaba1a3e19b91ed19/ 4136644f3785c2f7059/ d7356b9960d/  
./225586b4284/gef966756ab88cd84fed/3f83d3fbaba1a3e19b91ed19:  
./225586b4284/gef966756ab88cd84fed/4136644f3785c2f7059:  
./225586b4284/gef966756ab88cd84fed/d7356b9960d:  
./225586b4284/78a9717d9546b9ff995d91b1:  
6891ed77946aa9e0bfd14ed5/ 8fe3eff22c377a6140d395945806/ 97b9588d86e33e45/  
./225586b4284/78a9717d9546b9ff995d91b1/6891ed77946aa9e0bfd14ed5:
```

```
File Edit View Help
~/Garden/Maze
[mission 20] $ tree
.
├── 225586b4284
│   ├── 265939e3e3e569a1
│   │   ├── 2cb421ae6df
│   │   ├── 241999180719f5145e48f4
│   │   └── ddbfd950bca9877e
│   ├── 6ef966756ab88cd8afed
│   │   ├── 3f6d31fbb01a3e10a91ed19
│   │   ├── 4136644f3785c2f7059
│   │   ├── d7356b9960d
│   │   ├── 78a9712d954d89ff995d91b1
│   │   ├── 6891ed77946a3e0b0fd14ed5
│   │   ├── 8fe3eff2c377a0140d395945086
│   │   └── 00000_silver_coin_00000
│   └── 97b9586d06e33e45
├── 972be95f818628181
│   ├── 3f5d41a395d099bcb7
│   │   ├── 4b36a94b3cf3884a55
│   │   ├── 1fa556a95de3dcb248ea
│   │   ├── e01d5878818607
│   │   └── 3fdaf3dbcc2c261f2a68a0f0
│   ├── 27556ba1a2
│   │   ├── Sa6b0f5ecec22408d5fc0b0
│   │   ├── Sa741805
│   │   ├── f3b2fec0f9a1fb879036b
│   │   ├── 33b0d4e0208ae9
│   │   ├── abc7a7a5d0b3a282e426398
│   │   └── bda88a486
│   ├── cf444d0c49988ae
│   │   ├── 3cb5fa3dd6d4b028f
│   │   ├── 7a7aa5c61349844fb4b9899326
│   │   ├── a24461a8
│   │   └── 4eeab31ab79
│   └── 913f8154db25acc06c7
│       ├── 5d0bde091cf589d4dda088
│       ├── 6b7e319c294f333f1
│       ├── bfd93cd5be2e159424
│       ├── e0570e1b
│       ├── 7b83955cfa0
│       ├── Ac5d7a3e82cd9dc2b301
│       └── c0f11df3e3df
└── 40 directories, 1 file

~/Garden/Maze
[mission 20] $ mv 00000_silver_coin_00000 ~/Forest/Hut/Chest
mv: cannot stat '00000_silver_coin_00000': No such file or directory

~/Garden/Maze
[mission 20] $ cd 225586b4284/

~/Garden/Maze/225586b4284/
```

```
File Edit View Help
~/Garden/Maze
[mission 21] $ find -iname *gold

~/Garden/Maze
[mission 21] $ find -iname *gold
./609e4e04d3ff31f2d58d6/29824660f23f0fea61a5292a/077080b85106076db5/gold_coin_1
./609e4e04d3ff31f2d58d6/3b76130e4c5b05f8191/c29b185fab3/gold_coin_2

~/Garden/Maze
[mission 21] $ mv ./609e4e04d3ff31f2d58d6/29824660f23f0fea61a5292a/077080b85106076db5/gold_coin_1 ./609e4e04d3ff31f2d58d6/3b76130e4c5b05f8191/c29b185fab3/gold_coin_2 ~/Forest/Hut/Chest

~/Garden/Maze
[mission 21] $ gsh check

Congratulations, mission 21 has been successfully completed!

|-----|
| Use the command |
| $ gsh help      |
| to get the list of "gsh" commands. |
|-----|

~/Garden/Maze
[mission 22] $ gsh goal

Mission goal
-----
A forgetful old hermit called Servillus has set up camp in a cave with his old, leather-bound potion book.
Go to the cave and help Him remember the recipe of his famous herbal tea.

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 recipe (including its title), but nothing else.
Note: you shouldn't alter the content of the book of potions.

Useful commands
-----
cat FILE
Display the contents of the file.

head FILE
Print the first 10 lines of the file.

head -n K FILE
```

Nella ventesima missione bisognava trovare la moneta d'argento. Ho visionato tutti i file presenti nella directory "Maze", successivamente ho visionato lo schema ad albero delle directory per essere sicura quale fosse il percorso del file, dopodichè ho spostato il file nella directory "Chest" come da consegna.

```

kali@kali: ~
File Actions Edit View Help

(
) 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.
(
)
(
) .....
(0)=====)
)
)

~/Mountain/Cave
[mission 26] $ head -6 ~/Mountain/Cave/Book_of_potions/page_13 | tail -3
1) Boil water in a big pot.
2) Condense the vapor in a fresh container.
3) Add minerals for a better taste (optional).

~/Mountain/Cave
[mission 26] $ gsh check

Congratulations, mission 26 has been successfully completed!

```

Nella ventiseiesima missione, bisognava manipolare il file affinché la macchina visualizzasse solo le fasi della pozione da seguire, senza titolo.