

Portable File Manipulator User Manual

Yash Gupta, Shaun Cyr, Chacko Panicker

December 3, 2019

1 Commands

1.1 cd

cd command is used to change directory. This command takes in one parameter of the directory you want to access. The command can only access the files present in the current directory or can only go back one directory.

1.2 ls

ls command is used to print the list of content in the current directory and does not take any more arguments.

1.3 help

help command is used to provide ease to the user as it prints every command usage, syntax and an example. The command does not take any arguments.

1.4 clear

clear command is used by the user to clear the console and does not take any more arguments.

1.5 exit

exit command is used by the user to exit the program and does not take any more arguments.

1.6 create

create command is used by the user to create a file in the working directory and takes the filename with the extension as the only argument.

1.7 copy

copy command is used by the user to create a copy of an existing file and takes the filename and the new filename with extensions as arguments.

1.8 delete

delete command is used by the user to delete a file in the current working directory and takes the filename with the extension as the only argument.

1.9 rename

rename command is used by the user to rename an existing file and takes the filename and the new filename with extensions as arguments.

1.10 move

move command is used by the user to move the file from one directory to another and only takes the filename as an argument. After that the user has to navigate to the desired directory using the cd command and enter 'here' to move the file.

1.11 texted

texted command opens up the text editor and takes no additional commands.

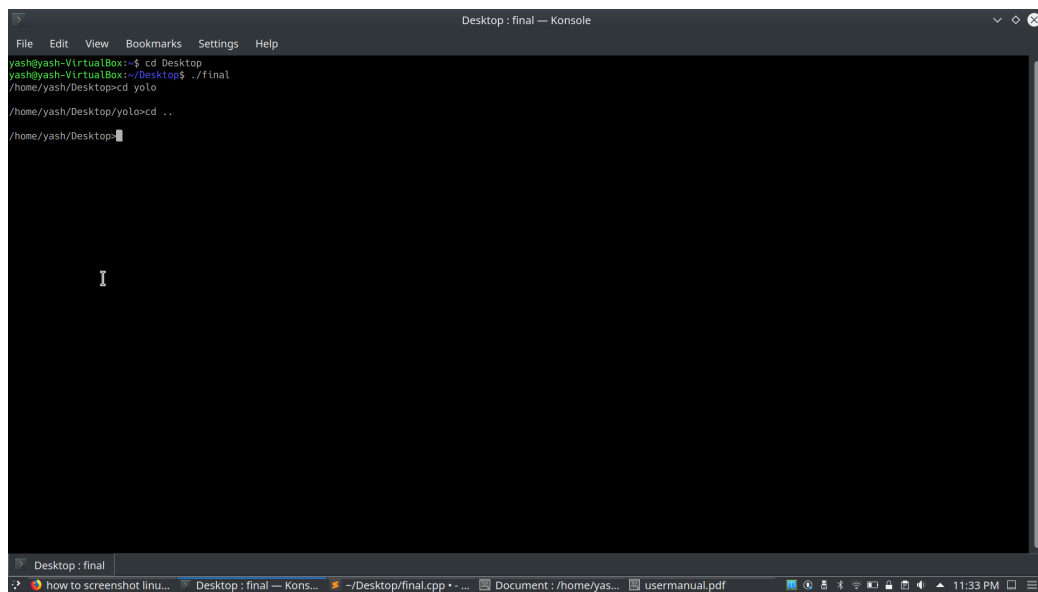
2 Syntax, Example & Output

2.1 cd

2.1.1 Syntax

cd Directory name cd ..

2.1.2 Example & Output

A screenshot of a terminal window titled "Desktop : final — Konsole". The terminal shows a sequence of commands and their outputs:

```
yash@yash-VirtualBox:~$ cd Desktop
yash@yash-VirtualBox:~/Desktop$ ./final
/home/yash/Desktop$ cd yolo
/home/yash/Desktop/yolo$ cd ..
/home/yash/Desktop$
```

 The terminal has a dark background with light-colored text. The window includes a menu bar with "File", "Edit", "View", "Bookmarks", "Settings", and "Help". The bottom status bar shows the current directory as "/home/yash/Desktop" and the time as "11:33 PM".

Figure 1: cd example

2.2 ls

2.2.1 Syntax

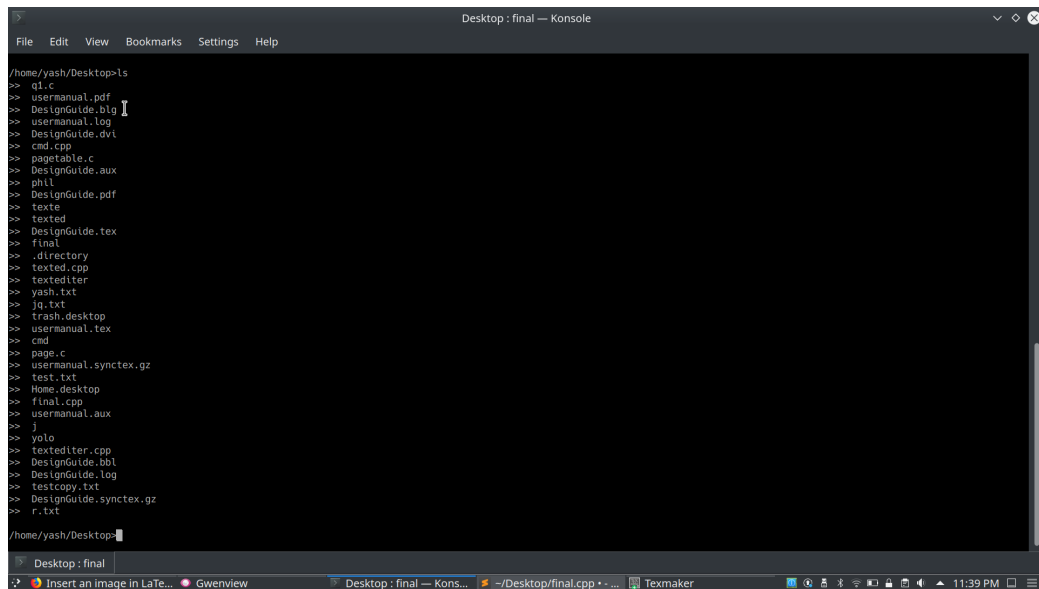
ls

2.2.2 Example & Output

2.3 help

2.3.1 Syntax

help

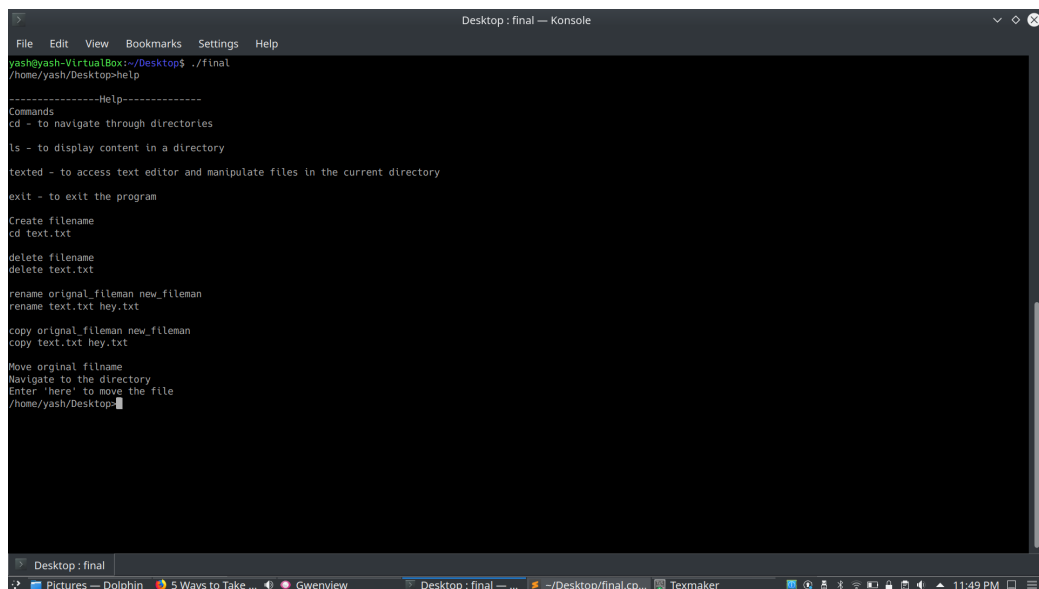


```
Desktop : final — Konsole
File Edit View Bookmarks Settings Help

/home/yash/Desktop>ls
>> q1.c
>> usermanual.pdf
>> DesignGuide.blog
>> usermanual.log
>> DesignGuide.dvi
>> cmd.cpp
>> pagetable.c
>> DesignGuide.aux
>> ph11
>> DesignGuide.pdf
>> texte
>> texted
>> DesignGuide.tex
>> final
>> .directory
>> texted.cpp
>> texteditor
>> yash.txt
>> jq.txt
>> trash.desktop
>> usermanual.tex
>> cmd
>> page.c
>> usermanual.synctex.gz
>> test.txt
>> Home_desktop
>> final.cpp
>> usermanual.aux
>> j
>> yolo
>> texteditor.cpp
>> DesignGuide.bbl
>> DesignGuide.log
>> testcopy.txt
>> DesignGuide.synctex.gz
>> r.txt
/home/yash/Desktop>
```

Figure 2: cd example

2.3.2 Example & Output



```
Desktop : final — Konsole
File Edit View Bookmarks Settings Help

yash@yash-VirtualBox:~/Desktop$ ./final
/home/yash/Desktop#help
-----Help-----
Commands
cd - to navigate through directories
ls - to display content in a directory
texted - to access text editor and manipulate files in the current directory
exit - to exit the program
Create filename
cd text.txt
delete filename
delete text.txt
rename original_fileman new_fileman
rename text.txt hey.txt
copy original_fileman new_fileman
copy text.txt hey.txt
Move original filename
Navigate to the directory
Enter 'here' to move the file
/home/yash/Desktop#
```

Figure 3: cd example

2.4 clear

2.4.1 Syntax

`clear`

2.5 exit

2.5.1 Syntax

`exit`

2.6 create

2.6.1 Syntax

`create filename.extension`

2.7 copy

2.7.1 Syntax

`copy filename.ext Newfilename.ext`

2.8 delete

2.8.1 Syntax

`delete filename.extension`

2.8.2 Example & Output

2.9 rename

2.9.1 Syntax

`rename filename.ext Newfilename.ext`

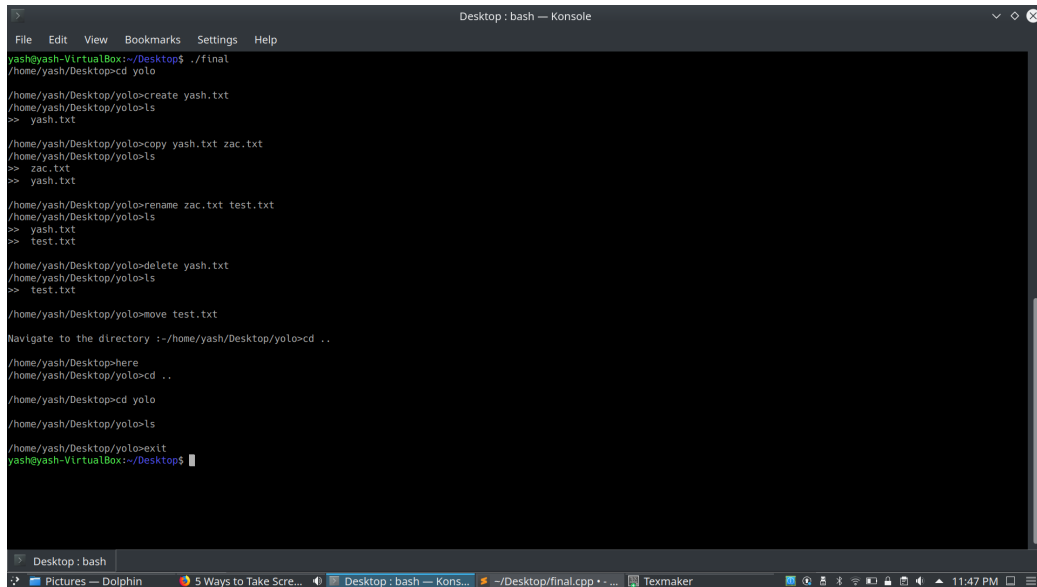
2.9.2 Example & Output

2.10 move

2.10.1 Syntax

`move filename.extension cd (till desired directory) here`

2.11 Example & Output



```
Desktop : bash — Konsole
File Edit View Bookmarks Settings Help
yash@yash-VirtualBox:~/Desktop$ ./final
/home/yash/Desktop>cd yolo
/home/yash/Desktop/yolo>create yash.txt
/home/yash/Desktop/yolo>ls
>> yash.txt
/home/yash/Desktop/yolo>copy yash.txt zac.txt
/home/yash/Desktop/yolo>ls
>> zac.txt
>> yash.txt
/home/yash/Desktop/yolo>rename zac.txt test.txt
/home/yash/Desktop/yolo>ls
>> yash.txt
>> test.txt
/home/yash/Desktop/yolo>delete yash.txt
/home/yash/Desktop/yolo>ls
>> test.txt
/home/yash/Desktop/yolo>move test.txt
Navigate to the directory :-/home/yash/Desktop/yolo>cd ..
/home/yash/Desktop>here
/home/yash/Desktop/yolo>cd ..
/home/yash/Desktop>cd yolo
/home/yash/Desktop/yolo>ls
/home/yash/Desktop/yolo>exit
yash@yash-VirtualBox:~/Desktop$
```

Figure 4: complete example of create, copy, rename, delete and move with exit

2.12 texted

2.12.1 Syntax

texted

2.12.2 Example & Output

```
MENU:
1:Open and write/append a file
2:Insert text in a specific position
3:Remove all text in a file
4:Display contents of a file
Enter choice:1

Enter text file to open:OSProject.txt

Enter content:
This is a cool example.

Do you wish to continue? ( [Y]es/[N]o )
```

Figure 5: opening and adding text example


```
MENU:
1:Open and write/append a file
2:Insert text in a specific position
3:Remove all text in a file
4:Display contents of a file
Enter choice:1

Enter text file to open:OSProject.txt

Enter content:
Isn't it?

Do you wish to continue? ( [Y]es/[N]o )y_
```

Figure 6: appending file example

```
MENU:
1:Open and write/append a file
2:Insert text in a specific position
3:Remove all text in a file
4:Display contents of a file
Enter choice:4

Enter text file to read:OSProject.txt

Enter number of lines to be displayed at once:2

Press Enter to read next page...
This is a c
ool exampl
e.Isn't it
?
Do you wish to continue? ( [Y]es/[N]o )y
```

Figure 7: display example

```
MENU:
1:Open and write/append a file
2:Insert text in a specific position
3:Remove all text in a file
4:Display contents of a file
Enter choice:2

Enter file name: OSProject.txt

Enter number of characters to seek in file OSProject.txt (0 - 32):11

Enter content to add:very very
Success!

Do you wish to continue? ( [Y]es/[N]o )
```

Figure 8: insert text example

```
MENU:
1:Open and write/append a file
2:Insert text in a specific position
3:Remove all text in a file
4:Display contents of a file
Enter choice:4

Enter text file to read:OSProject.txt

Enter number of lines to be displayed at once:2

Press Enter to read next page...
This is a c
very very
ool exampl
e.Isn't it

?
Do you wish to continue? ( [Y]es/[N]o )_
```

Figure 9: display after insert example

```
MENU:
1:Open and write/append a file
2:Insert text in a specific position
3:Remove all text in a file
4:Display contents of a file
Enter choice:3

Enter file to remove all text from:OSProject.txt
Success!

Do you wish to continue? ( [Y]es/[N]o )y

MENU:
1:Open and write/append a file
2:Insert text in a specific position
3:Remove all text in a file
4:Display contents of a file
Enter choice:4

Enter text file to read:OSProject.txt

Enter number of lines to be displayed at once:2

Press Enter to read next page...

Do you wish to continue? ( [Y]es/[N]o )_
```

Figure 10: removing all content example