

## Screen

Screen program allows us to have multiple screens and in each screen, multiple windows.

Ref: <http://fosshelp.blogspot.in/2014/02/linux-screen-commands-for-developers.html>

-----  
-----  
Create new session:

-----  
screen --> creates an unNamed screen session.

screen -S Name\_of\_the\_session --> creates a named screen session.

Attach & Detach & reattach

-----  
ctrl a,d --> detach the screen

screen -r <session name> --> to reattach the screen

screen -x <session name> --> to reattach the screen for multiple user.

Termination:

-----  
ctrl a, \ --> terminates all sessions.

ctrl a, shift k --> terminates a window.

Lock& Scroll:

-----  
ctrl a, x --> to lock a screen .

ctrl a, esc --> scroll in the screen. Hit Enter to come back to the commmand prompt.

Widows in the screen:

-----  
ctrl a , c --> creates a new window.

ctrl a, shift a --> to rename a window.

ctrl a, shift ' -->to list all the windows in the curren screen.

Split windows:

-----  
ctrl a, shift s --> split the current window horizontally.

ctrl a, shift \ --> split the current window vertically.

Window Movement:

-----  
ctrl a, ctrl a --> to toggle between windows.

ctrl a, Tab --> This will move to the other windows in the splitted screen.

ctrl a, 0-9 --> to move to the numeberd window.

ctrl a, ' --> to go the nth window.

ctrl a,p--> to move to the previous window.

ctrl a, n --> to move to the next window.

ctrl a, shift c --> will clear the screen.

ctrl a , shtift x --> clears the current window in splitted screen.

ctrl a, shift q --> clears all the windows except the current one.

ctrl a, shfit h -->logs the current window.

## **Screen - Reference**

Reference:<http://fosshelp.blogspot.in/2014/02/linux-screen-commands-for-developers.html>

1)

List all screen sessions of current user

#screen -ls

2)

To see all screen sessions on a specific machine

#ls -laR /var/run/screen/

3)

To see all commands or parameters on screen.

Ctrl + a, Then Press ?

4)

Open a new screen session

#screen

5)

Detach/Exit from a screen session

Ctrl + a, Then Press d

6)

Kill a screen session

Ctrl + a, Then Press Shift + k

7)

Reattach to a screen session

#screen -r session\_id\_or\_name

8)

How to create multiple screen window/tab in a screen session

Ctrl + a, Then Press c

9)

How to move to next screen window/tab in a screen session

Ctrl + a, Then Press n

10)

How to move to previous screen window/tab in a screen session

Ctrl + a, Then Press p

11)

How to goto n'th screen window/tab

Ctrl + a, Then Press '

12)

How to list name of all screen windows/tabs and select from there

Ctrl + a, Then Press Shift + '

13)

How to switch to screen window/tab 0 - 9

Ctrl + a, Then Press 0 -9

14)

How to Toggle to the window/tab displayed previously  
Ctrl + a, Then Ctrl + a again

15)  
How to change the name of screen window/tab  
Ctrl + a, Then Press Shift + a

16)  
How to clear a screen window/tab  
Ctrl + a, Then Press Shift + c

17)  
How to Kill all windows and terminate screen  
Ctrl + a, Then Press \  
screen -ls

18)  
How to lock a screen session  
Ctrl + a, Then Press x

19)  
How to log a screen session  
You will find screenlog.0 file in your home directory.  
Ctrl + a, Then Press Shift + h  
or  
#screen -L (Capital L)

20)  
reattach to a specific window/tab in a screen session  
#screen -r session\_id\_or\_name -p tab\_num\_or\_name

21)  
If a session is running, then reattach. If necessary detach and logout remotely first. If it was not running create it and notify the user.  
#screen -D -R

22)  
How to create new screen session and specify a meaningful name for the session.  
#screen -S session\_name

23)  
Howto Attach to a not detached screen session.  
#screen -x

24)  
How to split screen  
a)  
Split the Window  
Horizontally  
Ctrl + a, Then Press Shift + s  
or  
Vertically  
Ctrl + a, Then Press Shift + \  
b)

Switch between spilted windows  
Ctrl + a, Then Press Tab

or  
Ctrl + a, Then Type :focus  
\* Here :focus is a command

c)  
In the spited window use following command to open existing session  
Ctrl + a, Then Press 0-9  
or  
Ctrl + a, Then Press n or p  
or  
Ctrl + a, Then Press Shift + '  
or  
Ctrl + a, Then Presss c

d)  
Resize a splitted window/region  
Ctrl + a, Then Type :resize 25  
\* Here :resize is a command

e)  
Remove current splitted window/region  
Ctrl + a, Then Type :remove  
\* Here :remove is a command  
or  
Ctrl + a, Then Press Shift + x

f)  
Remove all spiltted windows/regions except the current one.  
Ctrl + a, Then Type :only  
\* Here :only is a command  
or  
Ctrl + a, Then Press Shift +q

g)  
Change color of split bar (border)  
<http://michael-prokop.at/computer/config/.screenrc>  
#vim ~/.screenrc  
sorendition 10 74

h)  
Close the screen and all regions  
Ctrl + a, Then Press \

25)  
How to rename an existing session  
screen -ls  
screen -x old\_session\_name  
Ctrl + a, Then Type :sessionname new\_session\_name  
\*Here :sessionname is a command