**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

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Create new session:

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screen --> creates an unNamed screen session.

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

Attach & Detach & reattach

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ctrl a,d --> detach the screen

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

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

Terminatation:

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ctrl a, \ --> terminates all sessions.

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

Lock& Scroll:

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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:

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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:

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

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

Window Movement:

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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**

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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