

TMUX (multitasking linux tool)

terminal multiplexer .

[tmux sessions]	linuxacademy.local	[tmux windows]	linuxacademy.local
_ new sessions tmux tmux new tmux new-session tmux new -s sessionname	_ remove sessions tmux kill-ses tmux kill-session -t sessionname	_ windows are like tabs in a browser. Windows exist in sessions and occupy the space of a session screen.	_ key bindings Ctrl + B B .. 9 select window by number Ctrl + B 0 select window by name Ctrl + B - change window number Ctrl + B , rename window Ctrl + B F search windows Ctrl + B & kill window Ctrl + B W list windows
_ attach sessions tmux a tmux att tmux attach tmux attach-session tmux a -t sessionname	_ key bindings Ctrl + B \$ rename session Ctrl + B D detach session Ctrl + B) next session Ctrl + B (previous session	_ key bindings Ctrl + B C create window Ctrl + B N move to next window Ctrl + B P move to previous window Ctrl + B L move to window last used	
[tmux panes]	linuxacademy.local	[tmux copy mode]	linuxacademy.com
_ panes are sections of windows that have been split into different screens – just like the panes of a real window! _ key bindings Ctrl + B % vertical split Ctrl + B " horizontal split Ctrl + B → move to pane to the right Ctrl + B ← move to pane to the left	_ key bindings Ctrl + B ↑ move up to pane Ctrl + B ↓ move down to pane Ctrl + B O go to next pane Ctrl + B ; go to last active pane Ctrl + B } move pane right Ctrl + B { move pane left Ctrl + B ! convert pane to window Ctrl + B X kill pane	_ key bindings G go to bottom h move cursor left j move cursor down k move cursor up l move cursor right / search # list paste buffers g go to top q quit	

we can use **ctrl + r** to search our history command.

step1 : first create an tmux session by using **tmux** or **tmux new -s sessionname** .

step2 : then do your work in that session like (**ping google.com**)

step3 : then it starts pinging then just (**ctrl + b** then **d**) , and this will take u to your original terminal .

step4 : now we can connect to that session using this command in our original terminal like (**tmux a** or **tmux a -t sessionname** . and then we will still see the pinging terminal working even after we come closing the terminal and opening it again .

step 5 : to kill the session use (tmux kill -ses or tmux kill -session -t sessionname).

step 6 : to list all tmux sessions (use tmux ls) .

step 7 : now to attach to one of the listing sessions use (tmux a -t sessionindex (like 0 ,1)).



here bob is session and the 0 is the window .

and panes are the splitted windows .

to split the terminal vertically we can use (ctrl +b shift 5 (%)) and for horizontally use (ctrl + b shift ' (")).

for switching between the panes use (ctrl + b and the up down side arrows)

we can also use ctrl+b then q to see the indexes of the panes and then switch to the any one using the (ctrl + b q <index number >) .

to resize the panes use (ctrl+b then keep pressed the ctrl and then move by using the up down keys or side keys) .

to exit all panes use exit in that .

to open new windows use (ctrl + b c).

to rename a window use ctrl +b , and then enter the name .

to move around the different windows use ctrl +b w and then navigate to each windows using the upward and downward button and then press enter to enter a window.

to kill a session or window use (ctrl +b x and then just press y for yes).

