

# screen and tmux

A comparison of the features (or more-so just a table of notes for accessing some of those features) for [GNU screen](#) and BSD-licensed [tmux](#).

Want more information about tmux and screen? Check out these other resources:

- [This page from Computer Taijutsu](#)
- [Mohamed Alaa's cheat sheet](#)

The formatting here is simple enough to understand (I would hope). ^ means ctrl+, so ^x is ctrl+x. M- means meta (generally left-alt or escape)+, so M-x is left-alt+x

It should be noted that this is no where near a full feature-set of either group. This - being a cheat-sheet - is just to point out the most very basic features to get you on the road.

Action	tmux	screen
start a new session	tmux <i>OR</i> tmux new <i>OR</i> tmux new-session	screen
re-attach a detached session	tmux attach <i>OR</i> tmux attach-session	screen -r
re-attach an attached session (detaching it from elsewhere)	tmux attach -d <i>OR</i> tmux attach-session -d	screen -dr
re-attach an attached session (keeping it attached elsewhere)	tmux attach <i>OR</i> tmux attach-session	screen -x
detach from currently attached session	^b d <i>OR</i> ^b :detach	^a ^d <i>OR</i> ^a :detach
rename-window to newname	^b , <newname> <i>OR</i> ^b :rename-window <newname>	^a A <newname>
list windows	^b w	^a w
list windows in chooseable menu		^a "

go to window #	$\wedge b \#$	$\wedge a \#$
go to window # (above 9)	$\wedge b ' \#$	$\wedge a ' \#$
go to last-active window	$\wedge b l$	$\wedge a \wedge a$
go to next window	$\wedge b n$	$\wedge a n$
go to previous window	$\wedge b p$	$\wedge a p$
see keybindings	$\wedge b ?$	$\wedge a ?$
list sessions	$\wedge b s$ <i>OR</i> tmux ls <i>OR</i> tmux list-sessions	screen -ls
toggle visual bell		$\wedge a \wedge g$
create another shell	$\wedge b c$	$\wedge a c$
exit current shell	$\wedge d$	$\wedge d$
split pane horizontally	$\wedge b "$	$\wedge a S$
split pane vertically	$\wedge b \%$	
switch to another pane	$\wedge b o$	$\wedge a TAB$
kill the current pane	$\wedge b x$ <i>OR</i> (logout/ $\wedge D$ )	
close other panes except the current one	$\wedge b !$	
swap location of panes	$\wedge b \wedge o$	
show time	$\wedge b t$	
show numeric values of panes	$\wedge b q$	
enable scroll/view scrollbar	$\wedge b [$ (q to exit)	$\wedge a [$ (q to exit)
copy text in one view		$\wedge a [ \wedge m$ (then highlight text and press enter)
paste text into a view		$\wedge a ]$