tmux shortcuts & cheatsheet

start new:

```
tmux
```

start new with session name:

```
tmux new -s myname
```

attach:

```
tmux a  #  (or at, or attach)
```

attach to named:

```
tmux a -t myname
```

list sessions:

```
tmux ls
```

kill session:

```
tmux kill-session -t myname
```

Kill all the tmux sessions:

```
tmux ls | grep : | cut -d. -f1 | awk '{print substr($1, 0
, length($1)-1)}' | xargs kill
```

In tmux, hit the prefix `ctrl+b` (my modified prefix is ctrl+a) and then:

Sessions

```
:new<CR>  new session
s  list sessions
$  name session
```

Windows (tabs)

```
c  create window
w  list windows
n  next window
p  previous window
f  find window
,  name window
&  kill window
```

Panes (splits)

```
%   vertical split
"   horizontal split


o   swap panes
q   show pane numbers
x   kill pane
+   break pane into window (e.g. to select text by mouse t
o copy)
-   restore pane from window
␣   space - toggle between layouts
<prefix> q (Show pane numbers, when the numbers show up t
ype the key to goto that pane)
<prefix> { (Move the current pane left)
<prefix> } (Move the current pane right)
<prefix> z toggle pane zoom
```

Sync Panes

You can do this by switching to the appropriate window, typing your Tmux prefix (commonly Ctrl-B or Ctrl-A) and then a colon to bring up a Tmux command line, and typing:

```
:setw synchronize-panes
```

You can optionally add on or off to specify which state you want;
otherwise the option is simply toggled. This option is specific to one
window, so it won't change the way your other sessions or windows
operate. When you're done, toggle it off again by repeating the
command. tip source

Resizing Panes

You can also resize panes if you don't like the layout defaults. I
personally rarely need to do this, though it's handy to know how. Here
is the basic syntax to resize panes:

```
PREFIX : resize-pane -D (Resizes the current pane down)

PREFIX : resize-pane -U (Resizes the current pane upward)

PREFIX : resize-pane -L (Resizes the current pane left)

PREFIX : resize-pane -R (Resizes the current pane right)

PREFIX : resize-pane -D 20 (Resizes the current pane down
 by 20 cells)

PREFIX : resize-pane -U 20 (Resizes the current pane upwa
rd by 20 cells)

PREFIX : resize-pane -L 20 (Resizes the current pane left
 by 20 cells)

PREFIX : resize-pane -R 20 (Resizes the current pane righ
t by 20 cells)

PREFIX : resize-pane -t 2 20 (Resizes the pane with the i
```

```
d of 2 down by 20 cells)
PREFIX : resize-pane -t -L 20 (Resizes the pane with the
id of 2 left by 20 cells)
```

Copy mode:

Pressing PREFIX [places us in Copy mode. We can then use our movement keys to move our cursor around the screen. By default, the arrow keys work. we set our configuration file to use Vim keys for moving between windows and resizing panes so we wouldn't have to take our hands off the home row. tmux has a vi mode for working with the buffer as well. To enable it, add this line to .tmux.conf:

```
setw -g mode-keys vi
```

With this option set, we can use h, j, k, and l to move around our buffer.

To get out of Copy mode, we just press the ENTER key. Moving around one character at a time isn't very efficient. Since we enabled vi mode, we can also use some other visible shortcuts to move around the buffer.

For example, we can use "w" to jump to the next word and "b" to jump back one word. And we can use "f", followed by any character, to jump to that character on the same line, and "F" to jump backwards on the line.

Function	vi	emacs
Back to indentation	^	M-m
Clear selection	Escape	C-g
Copy selection	Enter	M-w
Cursor down	j	Down
Cursor left	h	Left
Cursor right	l	Right
Cursor to bottom line	L	
Cursor to middle line	M	M-r
Cursor to top line	H	M-R
Cursor up	k	Up
Delete entire line	d	C-u
Delete to end of line	D	C-k
End of line	$	C-e
Goto line	:	g
Half page down	C-d	M-Down
Half page up	C-u	M-Up
Next page	C-f	Page down
Next word	w	M-f
Paste buffer	p	C-y
Previous page	C-b	Page up
Previous word	b	M-b
Quit mode	q	Escape
Scroll down	C-Down or J	C-Down
Scroll up	C-Up or K	C-Up
Search again	n	n
Search backward	?	C-r

Search forward	/	C-s
Start of line	0	C-a
Start selection	Space	C-Space
Transpose chars		C-t

Misc

```
d  detach
t  big clock
?  list shortcuts
:  prompt
```

Configurations Options:

```
# Mouse support - set to on if you want to use the mouse
* setw -g mode-mouse off
* set -g mouse-select-pane off
* set -g mouse-resize-pane off
* set -g mouse-select-window off


# Set the default terminal mode to 256color mode
set -g default-terminal "screen-256color"


# enable activity alerts
setw -g monitor-activity on
set -g visual-activity on
```

```
# Center the window list
set -g status-justify centre

# Maximize and restore a pane
unbind Up bind Up new-window -d -n tmp \; swap-pane -s tm
p.1 \; select-window -t tmp
unbind Down
bind Down last-window \; swap-pane -s tmp.1 \; kill-windo
w -t tmp
```

Resources:

- [tmux: Productive Mouse-Free Development](#)
- [How to reorder windows](#)

Notes:

-

Changelog:

- 1411143833002 - Added [toggle zoom](#) under Panes (splits) section.
- 1411143833002 - [Added Sync Panes](#)
- 1414276652677 - [Added Kill all tmux sessions](#)
- 1438585211173 - [corrected create and add next and previus thanks to @justinjhendrick](#)

Request an Update:

We Noticed that our Cheatsheet is growing and people are coloberating to add new tips and tricks, so please tweet to me what would you like to add and let's make it better!

- Twitter: [@MohammedAlaa](#)