Mike's Custom *tmux* Key Bindings

Ctrl+a has been substituted for the default prefix key, **Ctrl+b**.

Note: These key bindings substitute Ctrl+a for default binding keys Ctrl+b.

It is assumed that the custom key bindings have been applied via configuration file, *~/.tmux.conf*.

Resources

[Tmux Home Page](#)

[tmux.1 Manual Page](#)

[How to Use Tmux + Cheat Sheet](#)

[Official tmux Documentation](#)

Cheat Sheet

[Best Tmux Cheat Sheet & Quick Reference](#)

[How to Use Tmux + Cheat Sheet](#)

Documentation

[Official tmux Documentation](#)

Can't Scroll In tmux

Ctrl+a then *[* then you can use your normal navigation keys to scroll around (eg. Up Arrow or PgDn). Press q to quit scroll mode.

In **vi** mode (see below), you can also scroll the page up/down line by line using **Shift-k** and **Shift-j** (if you're already in scroll mode). Unshifted, the cursor moves instead of the page.

Custom Key Bindings

Key bindings applied by Mike's custom configuration file, *.tmux.conf*, located in the *HOME* directory.

Primary Operations Scenarios

Command	Description
tmux kill-server	kill the tmux server
tmux new -s <name>	start with named session
Ctrl+a, d	detach session
tmux a	attach the detached session
tmux a #	attach the detached session
Ctrl+a, s	list sessions and windows
tmux kill-session –t <name>	kill the session <name>
Ctrl+a, **c**	create new window
Shift+RIGHT ARROW	go to next window
Shift+LEFT ARROW	go to previous window
Ctrl+a,0-9 (Top Row of Number-Keys)	Go to window 0-9 (Not Keypad - Top Row of Number-Keys)
ctrl+d	Close window or Pane
Ctrl+a, &	kill window
Ctrl+a, v	vertical split (pane)
Ctrl+a, h	horizontal split (pane)
Ctrl+a, x	kill pane
Ctrl+a, RIGHT ARROW	go to next pane
Ctrl+a, LEFT ARROW	go to previous pane
Mouse Left-Click	go to target pane
Use Mouse	resize the pane
Ctrl+a, z	toggle full-screen mode for current pane
Ctrl+a, q	show pane-numbers

Basic

Below commands can be used in terminal for various *tmux* operations e.g. start and stop etc.,

```
$ tmux
```

Command	Description
tmux	start tmux
tmux new -s <name>	start tmux with
tmux ls	shows the list of sessions
tmux a #	attach the detached-session
tmux a -t <name>	attach the detached-session to
tmux kill-session –t <name>	kill the session
tmux kill-server	kill the tmux server

Help

Command	Description
Ctrl+a, ?	show the list of commands

Note

Press 'Ctrl+a' and then type the commands from the below tables,

1.5. Reload

Command	Description
r	reload .tmux.conf file

1.6. Sessions

Command	Description
Ctrl+a, s	list sessions & windows
Ctrl+a, $	rename sessions
Ctrl+a, d	detach session
Ctrl+d	kill session

1.7. Windows

Note

ctrl-d can be used to close the window or panes **without** using Ctrl+a.

Command	Description
Ctrl+a, s	list sessions and windows
Ctrl+a, w	list windows and select one
Ctrl+a,<COMMA>	rename window
Ctrl+a, c	create new window
Shift+RIGHT ARROW	go to next window
Shift+LEFT ARROW	go to previous window
Ctrl+a, f	find window
Ctrl+a, &	kill window
Ctrl+d	kill window
Ctrl+a,0-9 (Top Row of Number-Keys)	Go to window 0-9 (Not Keypad - Top Row of Number-Keys)

1.8. Panes (split windows)

Command	Description
Ctrl+a, v	vertical split
Ctrl+a, h	horizontal split
Ctrl+d	kill pane
Ctrl+a, x	kill pane
Ctrl+a, RIGHT	go to next pane
Ctrl+a, LEFT	go to previous pane
Ctrl+a NUMKEYPAD(0-9)	go to pane 0-9. Numeric keypad - Not top row of number keys
Ctrl+a, z	toggle full-screen mode for current pane
Use Mouse	resize the pane
Ctrl+a, q	show pane-numbers

1.9. Commands

Command	Description
:	go to command mode

Next, type the commands as below,

Command	Description
tmux list-keys	shows all the commands
tmux list-panes	shows the names of all panes
Use Mouse	resize panes
tmux swap-pane -s 3 -t 0	swap pane '0' with pane '3'

1.10. Copy mode

'Vim' mode is set in the .tmux.conf file and 'Esc' is used to enter into the 'copy mode',

Command	Description
Ctrl+a, [	enter copy mode
SPACEBAR	start selection
ENTER	copy selection
Esc	clear selection

Note

Next use following commands **without** using 'Ctrl+a'.

Command	Description
q	quit mode
j, k, l, h	down, up, right left
J or K	scroll down or up
F or B	go to next or previous page
$	go to end of line
0	go to beginning of line
w or b	go to next or previous word
/ or ?	search forward or backward
n	search next (use after above commands)
space	start selection
Esc	clear selection
y	copy section

Note

Use below command with 'ctrl-b' for paste-operation.

Command	Description
p	paste selection

Mike's Configuration File

The custom configuration file must be named, *.tmux.conf* and it must reside in the home directory.

```
# Mike's Tmux Config File
# Taken from LinuxTV
# Send prefix
set-option -g prefix C-a
unbind-key C-a
bind-key C-a send-prefix

# quickly open a new window
# Ctrl+a n
bind N new-window

# Use Alt-arrow keys to switch panes
bind -n M-Left select-pane -L
bind -n M-Right select-pane -R
bind -n M-Up select-pane -U
bind -n M-Down select-pane -D

# Shift arrow to switch windows
bind -n S-Left previous-window
bind -n S-Right next-window

# Mouse mode
setw -g mouse on

# Set easier window split keys
bind-key v split-window -h
bind-key h split-window -v

# Easy config reload
bind-key r source-file ~/.tmux.conf \; display-message "~/.tmux.conf reloaded."
```