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1 Workshop Tmux for beginners

1.1 Installation

On Mac:

```
$ brew install tmux
```

or on (Ubuntu, Debian etc)

```
$ sudo apt-get install tmux
```

or manual build

```
$ wget https://github.com/tmux/tmux/releases/download/2.6/tmux-2.6.tar.gz
```

```
$ tar xvf tmux-2.6.tar.gz
```

```
$ cd tmux-2.6/
```

```
$ sudo apt-get install -y exuberant-ctags cmake libevent-dev libncurses5-dev
```

```
$ ./configure && make
```

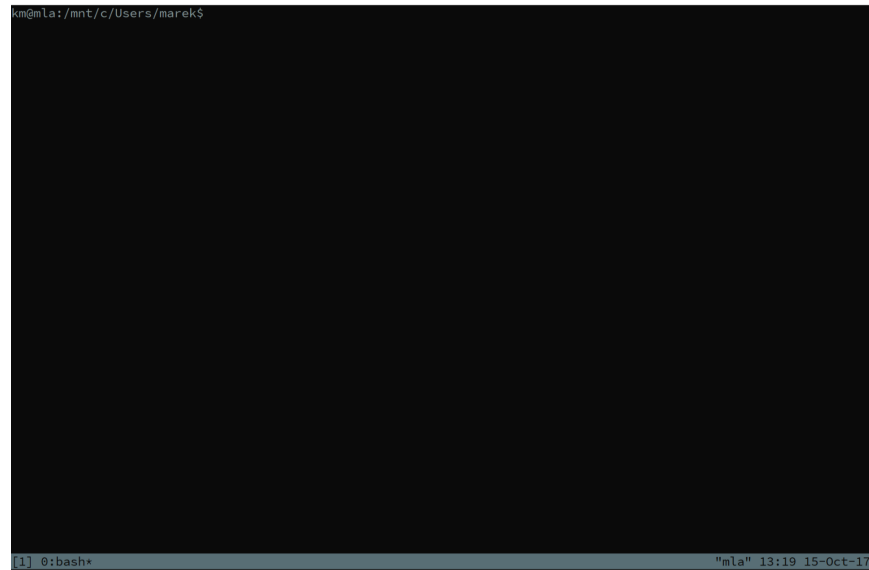
```
$ sudo make install
```

then re-run your terminal

1.2 First run and closing

1.2.1 Start

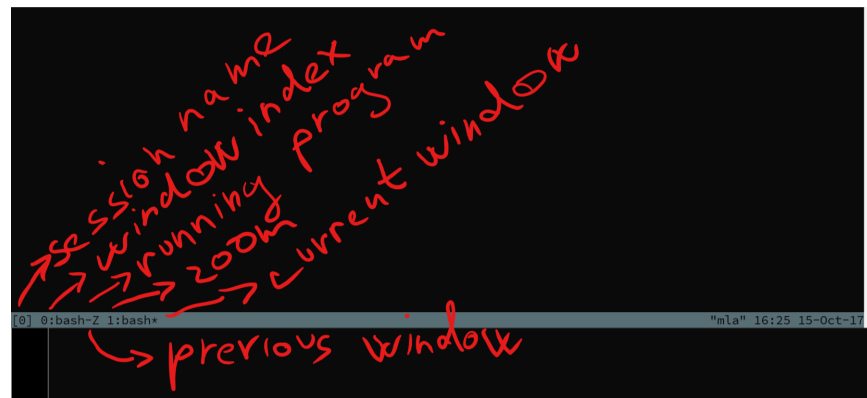
\$ tmux



1.2.2 End

\$ exit

1.3 Statusbar



1.4 Windows and Panes - Sessions

1.5 Prefix key and shortcuts

1.5.1 Prefix key

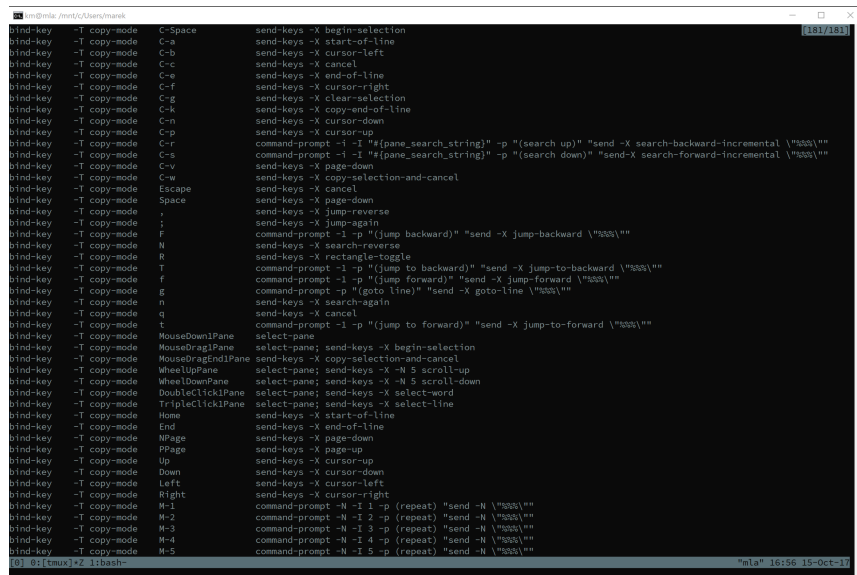
Ctrl + b -> short version: C-b

1.5.2 Emacs or vi mode

Default emacs but it also depends on gloval \$EDITOR setting in your shell.

1.5.3 Help

C-b ?



```
tmux: /home/...
bind-key -T copy-mode C-space send-keys -X begin-selection
bind-key -T copy-mode C-a send-keys -X start-of-line
bind-key -T copy-mode C-b send-keys -X cursor-left
bind-key -T copy-mode C-c send-keys -X cancel
bind-key -T copy-mode C-e send-keys -X end-of-line
bind-key -T copy-mode C-f send-keys -X cursor-right
bind-key -T copy-mode C-g send-keys -X clear-selection
bind-key -T copy-mode C-h send-keys -X copy-end-of-line
bind-key -T copy-mode C-n send-keys -X cursor-down
bind-key -T copy-mode C-p send-keys -X cursor-up
bind-key -T copy-mode C-r command-prompt -I -I "%(pane_search_string)" -p "(search up)" "send -X search-backward-incremental \"%000\""
bind-key -T copy-mode C-s command-prompt -I -I "%(pane_search_string)" -p "(search down)" "send -X search-forward-incremental \"%000\""
bind-key -T copy-mode C-v send-keys -X page-down
bind-key -T copy-mode C-w send-keys -X copy-selection-and-cancel
bind-key -T copy-mode C-x send-keys -X cancel
bind-key -T copy-mode C-y send-keys -X page-down
bind-key -T copy-mode C-z send-keys -X jump-reverse
bind-key -T copy-mode C-underscore send-keys -X jump-again
bind-key -T copy-mode C-f command-prompt -I -p "(jump backward)" "send -X jump-backward \"%000\""
bind-key -T copy-mode C-n send-keys -X search-reverse
bind-key -T copy-mode C-h send-keys -X search-reverse
bind-key -T copy-mode C-j command-prompt -I -p "(jump to backward)" "send -X jump-to-backward \"%000\""
bind-key -T copy-mode C-f command-prompt -I -p "(jump forward)" "send -X jump-forward \"%000\""
bind-key -T copy-mode C-g command-prompt -p "(goto line)" "send -X goto-line \"%000\""
bind-key -T copy-mode C-h send-keys -X search-again
bind-key -T copy-mode C-t command-prompt -I -p "(jump to forward)" "send -X jump-to-forward \"%000\""
bind-key -T copy-mode C-mouse-down select-pane
bind-key -T copy-mode C-mouse-drag select-pane; send-keys -X begin-selection
bind-key -T copy-mode C-mouse-drag-end select-pane; send-keys -X copy-selection-and-cancel
bind-key -T copy-mode C-wheel-up select-pane; send-keys -X -N 5 scroll-up
bind-key -T copy-mode C-wheel-down select-pane; send-keys -X -N 5 scroll-down
bind-key -T copy-mode C-double-click select-pane; send-keys -X select-word
bind-key -T copy-mode C-triple-click select-pane; send-keys -X select-line
bind-key -T copy-mode C-home send-keys -X start-of-line
bind-key -T copy-mode C-end send-keys -X end-of-line
bind-key -T copy-mode C-npage send-keys -X page-down
bind-key -T copy-mode C-ppage send-keys -X page-up
bind-key -T copy-mode C-up send-keys -X cursor-up
bind-key -T copy-mode C-down send-keys -X cursor-down
bind-key -T copy-mode C-left send-keys -X cursor-left
bind-key -T copy-mode C-right send-keys -X cursor-right
bind-key -T copy-mode C-m-1 command-prompt -N -I 1 -p (repeat) "send -N \"%000\""
bind-key -T copy-mode C-m-2 command-prompt -N -I 2 -p (repeat) "send -N \"%000\""
bind-key -T copy-mode C-m-3 command-prompt -N -I 3 -p (repeat) "send -N \"%000\""
bind-key -T copy-mode C-m-4 command-prompt -N -I 4 -p (repeat) "send -N \"%000\""
bind-key -T copy-mode C-m-5 command-prompt -N -I 5 -p (repeat) "send -N \"%000\""
[0] 8:tmux+2 1:bash- "mla" 16:56 15-Oct-17
```

1.5.4 Tmux "command line"

C-b :

Try:

C-b :list-windows

```
0: bash*Z (2 panes) [157x13] [layout a2b8,157x13,0,0{87x13,0,0,0,69x13,88,0,1}] @0 (active)
1: bash- (1 panes) [157x13] [layout b542,157x13,0,0,5] @3

[0] 0:[tmux]*Z 1: bash-
```

Press q to quit.

1.6 Cheatsheet