

# 1 Tmux CheatSheet

## TOOLS

- PDF Link: [cheatsheet-tmux-A4.pdf](#), Category: tools
- Blog URL: <https://cheatsheet.dennyzhang.com/cheatsheet-tmux-A4>

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See more CheatSheets from Denny: [#denny-cheatsheets](#)

## 1.1 Tmux Basic

Name	Comment
Create new session	<code>tmux new -s denny</code>
List all sessions	<code>tmux ls</code>
Attach to one session	<code>tmux attach -t denny</code>
Detach session	<code>C-b d</code>
Kill one session	<code>tmux kill-session -t denny</code>
List all shortcut keys	<code>C-b :list-keys</code> , <code>C-b ?</code> Very useful!
Kill current window	<code>C-b &amp;</code>
Default conf file	<code>~/.tmux.conf</code> , <code>~/.tmate.conf</code>

## 1.2 Tmux Layout & Scroll

Name	Comment
Switch to next pane	<code>C-b o</code>
Vertically split pane	<code>C-b %</code>
Horizontally split pane	<code>C-b "</code>
Kill current pane	<code>C-b x</code>
Swap two panes	<code>C-b C-o</code>
Resize current pane right	<code>C-b :resize-pane -R 20</code>
Resize current pane down	<code>C-b :resize-pane -D 10</code>

## 1.3 Tmux Console Output

Name	Comment
Enter copy mode	<code>C-b [</code> , press <code>q</code> / <code>Esc</code> to exit
Search output	<code>C-b C-s</code> , <code>C-b C-u</code>
Paste buffer to current panel	<code>C-b ]</code>
Page up/down	Enter copy mode, then use normal navigation keys
Show things in current buffer	<code>tmux show-buffer</code>
List all buffer	<code>tmux list-buffers</code>
Save buffer to file	<code>tmux save-buffer foo.txt</code>

## 1.4 Tmate

Name	Comment
see tmate log messages: ssh conn string	<code>tmate show-messages</code>
Launch tmate in a detached state	<code>tmate -S /tmp/tmate.sock new-session -d</code>
Blocks until the SSH connection is established	<code>tmate -S /tmp/tmate.sock wait tmate-ready</code>
Prints tmate SSH connection string	<code>tmate -S /tmp/tmate.sock display -p '#{tmate_ssh}'</code>
Make your tmate session big by default	Make your default iterm window big

## 1.5 Scripts

- Copy to mac clipboard

Note: Only works for the laptop who hosts the tmux/tmate session

```
brew install reattach-to-user-namespace
```

```
# In tmux, search a region. Then save to pbcopy
```

```
tmux save-buffer - | reattach-to-user-namespace pbcopy
```

```
# In mac terminal  
pbpaste
```

## 1.6 More Resources

```
https://gist.github.com/MohamedAlaa/2961058  
https://wiki.freebsdchina.org/software/t/tmux  
https://robots.thoughtbot.com/a-tmux-crash-course  
License: Code is licensed under MIT License.
```