

tmux (engl)

tmux Cheat Sheet

source: [Michael Lihs](#)

General Usage

- Start a tmux session with

```
tmux
```

- Select text in a tmux window with your mouse by holding the **SHIFT** key (Windows) or the **OPTIONS** key (Mac) and then using the mouse as you'd normally do

Shortcuts

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Key(s)	Description
CTRL + b <command>	sends <command> to tmux instead of sending it to the shell
	General Commands
?	shows a list of all commands (q closes the list)
:	enter a tmux command
	Working with Windows
c	creates a new window
,	rename current window
p	switch to previous window
n	switch to next window
w	list windows (and then select with arrow keys)
	Working with Panes

Key(s)	Description
<code>%</code>	split window vertically
<code>-</code>	split window horizontally requires <code>bind - split-window -v</code> in our <code>.tmux.conf</code>
<code>→</code>	go to right pane
<code>←</code>	go to left pane
<code>↑</code>	go to upper pane
<code>↓</code>	go to lower pane
	Working with Sessions
<code>d</code>	detach from session

Commands

Command	Description
<code>tmux new -s <SESSION NAME></code>	creates a new session with name <code><SESSION NAME></code>
<code>tmux list-sessions</code> <code>tmux ls</code>	lists all currently running tmux sessions
<code>tmux attach -t <SESSION NAME></code> <code>tmux a -t <SESSION NAME></code>	attach to the session called <code><SESSION NAME></code>

Scripting TMUX

Starting multiple commands in multiple panes

Start a new tmux session with `tmux` before running the script!

```
# start a new tmux session and detach from it
tmux new-session -d -s session1

tmux rename-window 'my window'
tmux send-keys 'echo "pane 1"' C-m

tmux select-window -t session1:0
tmux split-window -h
tmux send-keys 'echo "pane 2"' C-m
```

```
tmux split-window -h
tmux send-keys 'echo "pane 3"' C-m

# we want to have notifications in the status bar, if there are changes in the windows
tmux setw -g monitor-activity on
tmux set -g visual-activity on

tmux select-layout even-horizontal

# select the first window to be in the foreground
tmux select-window -t session:1

# attach our terminal to the tmux session
tmux -2 attach-session -t cflogs
```

Configuring TMUX

You can configure tmux via the `~/.tmux.conf` file. After making changes to the config file, you can update the configuration "on-the-fly" with

```
tmux source ~/.tmux.conf
```

Changing the default prefix

Use

```
set -g prefix C-a
```

to change the default prefix from `CTRL + b` to `CTRL + a`. Optionally you can "free" the default binding with

```
unbind C-b
```

Key Bindings

You can add / alter tmux's key bindings with the following command

```
bind | split-window -h
```

this binds the `split window -h` command to the `|` key.

Adding Mouse Support for Mac OS X

In order to have mouse support in Mac OS X, you can add the following lines to your config file:

```
set -g mode-mouse on
set -g mouse-resize-pane on
set -g mouse-select-pane on
set -g mouse-select-window on
```

Further Resources

- [tmuxinator](#)
- [tmux shortcuts & cheatsheet](#)
- [tmux tutorial - part 1](#)
- [tmux tutorial - part 2](#)
- [Mouse support in OS X](#)
- [\(Video\) Basic tmux Tutorial - Windows, Panes, and Sessions over SSH tutorialLinux - Part 1](#)
- [\(Video\) Basic tmux Tutorial, Part 2 -- Shared Sessions](#)
- [tmux scripting - blog post](#)

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