

# Tmux Cheatsheet

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Quick reference for tmux sessions, windows, panes, and common commands

tmux is a terminal multiplexer that lets you manage multiple sessions, windows, and panes in a single terminal. This cheatsheet covers the most common commands and key bindings.

## Start and Exit

<code>tmux</code>	Start a new session
<code>tmux new -s work</code>	Start session named <b>work</b>
<code>tmux ls</code>	List sessions
<code>tmux kill-session -t work</code>	Kill session <b>work</b>
<code>tmux kill-server</code>	Stop tmux server
<code>exit</code>	Exit current shell (pane)

## Attach and Switch

<code>tmux attach</code>	Attach to last session
<code>tmux attach -t work</code>	Attach to session <b>work</b>
<code>tmux switch -t work</code>	Switch to session <b>work</b>
<code>tmux detach</code>	Detach from session

## Prefix Key

Default prefix is `Ctrl+b`.

<code>Ctrl+b</code>	Enter tmux command mode
<code>Ctrl+b ?</code>	Show key bindings
<code>Ctrl+b :</code>	Open command prompt

## Windows

Ctrl+b c	Create new window
Ctrl+b ,	Rename current window
Ctrl+b &	Kill current window
Ctrl+b n	Next window
Ctrl+b p	Previous window
Ctrl+b 0-9	Switch to window by number

## Panes

Ctrl+b %	Split pane vertically
Ctrl+b "	Split pane horizontally
Ctrl+b x	Kill current pane
Ctrl+b o	Cycle panes
Ctrl+b q	Show pane numbers
Ctrl+b ;	Toggle last active pane
Ctrl+b z	Zoom/unzoom pane

## Pane Navigation

Ctrl+b ←/→/↑/↓	Move between panes
Ctrl+b Ctrl+←/→/↑/↓	Resize pane
Ctrl+b Alt+1	Even-horizontal layout
Ctrl+b Alt+2	Even-vertical layout
Ctrl+b Alt+5	Tiled layout

## Copy Mode

Ctrl+b [	Enter copy mode
q	Exit copy mode
Space	Start selection
Enter	Copy selection
Ctrl+b ]	Paste buffer

## Common Commands

<code>tmux rename-session -t work newname</code>	Rename session
<code>tmux new -s work -d</code>	Start detached session
<code>tmux rename-window -t 1 editor</code>	Rename window 1
<code>tmux kill-pane -t 2</code>	Kill pane 2
<code>tmux list-keys</code>	List all key bindings

## Configuration

<code>~/.tmux.conf</code>	User config file
<code>tmux source-file ~/.tmux.conf</code>	Reload config
<code>set -g mouse on</code>	Enable mouse mode
<code>setw -g mode-keys vi</code>	Use vi keys in copy mode

## Useful Patterns

<code>tmux new -s work -d \; new-window -t work:2 \; attach -t work</code>	Create session, window, attach
<code>`tmux ls</code>	cat`
<code>tmux has-session -t work</code>	Check if session exists