

tmux Sessions

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| tmux | Start a new session. |
| tmux new -s [session_name] | Create a new session with a specific name. |
| tmux attach | Re-attach to the latest active session. |
| tmux detach | Disconnect from a session, but keep it running. |
| tmux attach -t [session_name] or tmux -a -t [session_name] | Attach to session with a specific name. |
| tmux switch -t [session_name] | Switch to a different session. |
| tmux list-sessions or tmux ls | List all active sessions. |
| tmux rename-session -t [old_name] [new_name] | Rename an existing session. |
| tmux kill-session -a | Terminate all sessions but the current one. |
| tmux kill-session -t [session_name] | Terminate a specific session. |
| tmux kill-session -a -t [session_name] | Terminate all sessions except the specified one. |
| tmux kill-server | Terminate the server, ending all sessions, windows, and panes. |

tmux Windows

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| CTRL+b then c | Create a new window. |
| CTRL+b then , | Rename the current window. |
| CTRL+b then w | List all windows. |
| CTRL+b then & | Kill the current window. |
| CTRL+b then n | Switch to the next window. |
| CTRL+b then p | Switch to the previous window. |
| CTRL+b then l | Open the last window. |
| CTRL+b then 0...9 | Switch to a specific numbered window. |
| CTRL+b then d | Detach from the current session. |
| tmux select-window -t [window_name] | Select a specific window by its index or name. |
| tmux rename-window [new_name] | Rename the current window. |

tmux Panes

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| CTRL+b then % | Split the current pane vertically. |
| CTRL+b then " | Split the current pane horizontally. |
| CTRL+b then x | Close the current pane. |
| CTRL+b then o | Toggle between panes. |
| CTRL+b then z | Toggle pane zoom (make pane full screen). |
| CTRL+b then ; | Toggle between the last two active panes. |
| CTRL+b then { | Move the current pane left. |
| CTRL+b then } | Move the current pane right. |
| CTRL+b then SPACE | Toggle through different pane layouts. |
| CTRL+b then ! | Convert the current pane into a window. |
| exit or CTRL+b | Close the selected pane. |
| CTRL+b then q | Display pane number. |
| CTRL+b then : | Enter tmux Command Mode. |
| CTRL+b+ [up_arrow] | Increase pane height. |
| CTRL+b+ [down_arrow] | Decrease pane height. |
| CTRL+b+ [left_arrow] | Increase pane width. |
| CTRL+b+ [right_arrow] | Decrease pane width. |

tmux Copy Mode

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| CTRL+b then [| Enter copy mode. |
| q | Exit copy mode. |
| ENTER | Copy the selected text. |
| SPACE | Start text selection in copy mode. |
| ESC | Clear the selected text and exit copy mode. |
| h | Move the cursor left. |
| j | Move the cursor down. |
| k | Move the cursor up. |
| l | Move the cursor right. |
| w | Move the cursor one word forward. |
| b | Move the cursor one word backward. |
| CTRL+b then] | Paste the copied text. |
| CTRL+u | Scroll up half a page. |
| CTRL+d | Scroll down half a page. |
| PgUp | Scroll up full page. |
| PgDn | Scroll down full page. |

tmux Configuration
tmux.conf

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| set-option -g prefix C-a unbind C-b bind C-a send-prefix | Changes the default CTRL+b binding to CTRL+a to activate functions. |
| unbind % bind h split-window -h | Remaps the horizontal split to Ctrl+b+h . |
| unbind "" bind v split-window -v | Remaps the vertical split key to Ctrl+b+v . |
| set -g status-bg blue set -g status-fg black | Changes the color of the status bar (background to blue and foreground to black). |
| setw -g monitor-activity on setw -g visual-activity on | Enables visual notifications for activity in windows. |
| set -g base-index 1 | Starts window numbering at 1 instead of 0. |
| set -g pane-base-index 1 | Starts pane numbering at 1 instead of 0. |

tmux Command Mode

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| resize-pane -D | Move the boundary line for the pane downward. |
| resize-pane -U | Move the boundary line for the pane upward. |
| resize-pane -R | Move the boundary line for the pane right. |
| resize-pane -U 10 | Move the boundary line up 10 cells. |
| resize-pane -t 2 --R 5 | Move the boundary line of cell number 2 five cells to the right. |
| resize-pane -Z | Maximize the pane to full screen. Use the same command to set it back to normal. |

