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| **tmux Sessions** | |
| tmux new-session - s session\_name | Start a new session |
| tmux attach- session -t session\_name | Attach to an existing session |
| CTRL-B D | Detach from the current session |
| tmux list-sessions | List existing sessions |
| tmux switch-client - t session\_name | Switch to a different session |
| tmux rename- session -t old\_name new\_name | Rename the current session |
| **Panes Management** | |
| CTRL-B % | Split the current pane horizontally |
| CTRL-B | Split the current pane vertically |
| CTRL-B Arrow keys or CTRL-B O | Navigate between panes |
| CTRL-B CTRL-  RightArrow | Enlarge the current pane horizontally |
| CTRL-B CTRL-  LeftArrow | Shrink the current pane horizontally |
| CTRL-B CTRL-  DownArrow | Enlarge the current pane vertically |
| CTRL-B CTRL-  UpArrow | Shrink the current pane vertically |
| CTRL-D (when not running any programs) | Close the current pane |
| **Copy Mode** | |
| setw -g mode-keys vi | Use vi keys in buffer |
| CTRL + B [ | Enter copy mode |

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| **Windows Management** | |
| CTRL-B C | Create a new window |
| CTRL-B N | Switch to the next window |
| CTRL-B P | Switch to the previous window |
| CTRL-B 0-9 | Switch to a specific window |
| CTRL-B , (comma) | Rename the current window |
| CTRL-B & | Close the current window |
| **Session Management** | |
| CTRL-B C | Create a new session |
| CTRL-B N | Switch to the next session |
| CTRL-B P | Switch to the previous session |
| CTRL-B (number) | Switch to a specific session |
| CTRL-B D | Detach from the current session |
| CTRL-B $ | Rename the current session |
| CTRL-B S | List sessions |
| **Variables** | |
| #(date) | Shell command |
| #I | Window index |
| #S | Session name |

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| --- | --- |
| CTRL + B PgUp | Enter copy mode and scroll one  page up |
| q | Quit mode |
| g | Go to top line |
| G | Go to bottom line |
| Scroll up | Scroll down |
| h | Move cursor left |
| j | Move cursor down |
| k | Move cursor up |
| l | Move cursor right |
| w | Move cursor forward one word at a time |
| b | Move cursor backward one word at a time |
| / | Search forward |
| ? | Search backward |
| n | Next keyword occurrence |
| N | Previous keyword occurrence |
| Spacebar | Start selection |
| Esc | Clear selection |
| Enter | Copy selection |
| CTRL + B ] | Paste contents of buffer\_0 |

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| --- | --- |
| #W | Window name |
| #F | Window flags |
| #H | Hostname |
| #h | Hostname, short |
| #D | Pane id |
| #P | Pane index |
| #T | Pane title |
| **Miscellaneous** | |
| CTRL-B D | Detach from the current tmux session. |
| CTRL-B ? | Display the tmux help window. |
| CTRL-B Z | Toggle pane zoom (enlarge/shrink the current pane). |
| CTRL-B [ | Enter copy mode for scrolling through the terminal output. |
| CTRL-B ] | Paste the copied text from copy mode. |

**Note:** Please note that when using **tmux**, keystrokes consist of two parts: a prefix and a command. The prefix, typically **CTRL+B** (C-b), needs to be pressed and released first, followed by quickly pressing the desired command. This two-step process allows you to execute specific actions in **tmux**. For instance, the shortcut **CTRL-B C** signifies that when you press **CTRL-B** together and then release them, followed by the **C** key, **tmux** will create a new window in the current session.

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