



tmux Basics

Session Management

<code>tmux new -s <session-name></code>	Create a new tmux session with a specified name.
<code>tmux attach -t <session-name></code>	Attach to an existing tmux session.
<code>tmux ls</code>	List all active tmux sessions.
<code>tmux kill-session -t <session-name></code>	Kill a specific tmux session.
<code>tmux rename-session -t <old-name> <new-name></code>	Rename a tmux session.
<code>tmux detach</code> or <code>Ctrl+b d</code>	Detach from the current tmux session.

Window Management

<code>Ctrl+b c</code>	Create a new window.
<code>Ctrl+b ,</code>	Rename the current window.
<code>Ctrl+b n</code>	Go to the next window.
<code>Ctrl+b p</code>	Go to the previous window.
<code>Ctrl+b <window-number></code>	Go to a specific window by number.
<code>Ctrl+b w</code>	List all windows and choose one to switch to.
<code>Ctrl+b &</code>	Kill the current window.

Pane Management

<code>Ctrl+b %</code>	Split the current window into two panes vertically.
<code>Ctrl+b "</code>	Split the current window into two panes horizontally.
<code>Ctrl+b <arrow-key></code>	Move to the pane in the direction of the arrow key.
<code>Ctrl+b o</code>	Cycle through the panes.
<code>Ctrl+b z</code>	Toggle pane zoom (maximize/restore).
<code>Ctrl+b !</code>	Break the current pane out into a new window.
<code>Ctrl+b x</code>	Kill the current pane.

screen Basics

Session Management (screen)

<code>screen</code>	Start a new screen session.
<code>screen -S <session-name></code>	Start a new named screen session.
<code>screen -r</code>	Resume a detached screen session.
<code>screen -r <session-name></code>	Resume a specific named screen session.
<code>screen -ls</code>	List all active screen sessions.
<code>Ctrl+a d</code>	Detach from the current screen session.
<code>kill <screen-pid></code>	Kill a screen session by its PID (found with <code>screen -ls</code>).

Window Management (screen)

<code>Ctrl+a c</code>	Create a new window.
<code>Ctrl+a n</code>	Go to the next window.
<code>Ctrl+a p</code>	Go to the previous window.
<code>Ctrl+a <number></code>	Switch to window number <code><number></code> .
<code>Ctrl+a "</code>	Display a list of windows for selection.
<code>Ctrl+a A</code>	Rename the current window.
<code>Ctrl+a k</code>	Kill the current window.

Other Useful Commands (screen)

<code>Ctrl+a ?</code>	Display help.
<code>Ctrl+a a</code>	Send <code>Ctrl+a</code> to the application running in the window.
<code>Ctrl+a t</code>	Display the time and load average.
<code>Ctrl+a v</code>	View screen version information.
<code>Ctrl+a H</code>	Enable/disable logging of the current window to a file.

Configuration (tmux)

tmux Configuration File

The tmux configuration file is typically located at <code>~/.tmux.conf</code> . This file allows you to customize tmux behavior and keybindings.	
Example:	
<pre># Set prefix key to Ctrl+a unbind C-b set-option -g prefix C-a bind-key C-a send-prefix # Reload configuration file bind r source-file ~/.tmux.conf # Enable mouse support set-option -g mouse on # Start windows and panes at 1, not 0 set -g base-index 1 setw -g pane-base-index 1</pre>	

Keybindings

<code>bind-key <key> <command></code>	Bind a key to a specific tmux command.
Example:	
<code>bind-key k kill-pane</code> (Kill pane with 'k')	
<code>unbind <key></code>	Unbind a key.
Example:	
<code>unbind %</code> (Unbind the default split-vertical command)	

Options

<code>set-option -g <option> <value></code>	Set a global tmux option.
Example:	
<code>set-option -g status-bg black</code> (Set status bar background to black)	
<code>set-window-option -g <option> <value></code>	Set a window-specific tmux option.
Example:	
<code>set-window-option -g automatic-rename on</code> (Automatically rename windows)	

Configuration (screen)

screen Configuration File

The screen configuration file is typically located at `~/.screenrc`. This file allows you to customize screen behavior and keybindings.

****Example:**

```
# Set the default window title
defaulttitle "Screen Session"

# Customize the status line
hardstatus alwayslastline
hardstatus string '%{= kG}[ %H ][ %A, %d %m %Y
][ %l ]%{= kw}%?%-w%?%{r}{%{w}}%{w}%?%+w%?'

# Set a different escape key (Ctrl+z)
escape ^Zz
```

Keybindings (screen)

`bindkey <key>` Bind a key to a specific screen `<command>` command.

Example:

`bindkey ^k kill` (Kill window with Ctrl+a followed by Ctrl+k)

`unbind <key>` Unbind a key.

Example:

`unbind k` (Unbind the default kill command from Ctrl+a k)

Options (screen)

`defscrollback <lines>` Set the default scrollbar buffer size.

Example:

`defscrollback 10000` (Set scrollbar to 10000 lines)

`vbell on/off` Enable or disable visual bell.

Example:

`vbell on` (Enable visual bell)