



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 `~/.tmux.conf`. This file allows you to customize tmux behavior and keybindings.

Example:

```
# 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
```

Keybindings

`bind-key` Bind a key to a specific tmux command.

`<key>`

`<command>`

Example:

`bind-key k kill-pane` (Kill pane with 'k')

`unbind` Unbind a key.

`<key>`

Example:

`unbind %` (Unbind the default split-vertical command)

Options

`set-option` Set a global tmux option.

`-g <option>`

`<value>`

Example:

`set-option -g status-bg black` (Set status bar background to black)

`set-window-option` Set a window-specific tmux option.

`-g`

`<option>`

`<value>`

Example:

`set-window-option -g automatic-rename on` (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` Bind a key to a specific screen command.

`<key>`

`<command>`

Example:

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

`unbind` Unbind a key.

`<key>`

Example:

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

Options (screen)

`defscrollback` Set the default scrollbar size.

`ck <lines>`

Example:

`defscrollback 10000` (Set scrollbar to 10000 lines)

`vbell` Enable or disable visual bell.

`on/off`

Example:

`vbell on` (Enable visual bell)