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# Recipes

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## Configuration file recipes

This file lists some useful configuration file snippets to control tmux behaviour.

### Create new panes in the same working directory

This changes the default key bindings to add the `-c` flag to specify the working directory:

```
bind '"' split-window -c "#{pane_current_path}"
bind % split-window -hc "#{pane_current_path}"
bind c new-window -c "#{pane_current_path}"
```



### Prevent pane movement wrapping

This stops the pane movement keys wrapping around at the top, bottom, left and right.

Requires tmux 2.6 or later.

```
bind -r Up if -F '#{pane_at_top}' '' 'selectp -U'
bind -r Down if -F '#{pane_at_bottom}' '' 'selectp -D'
bind -r Left if -F '#{pane_at_left}' '' 'selectp -L'
bind -r Right if -F '#{pane_at_right}' '' 'selectp -R'
```



### Send Up and Down keys for the mouse wheel

Some terminals do this by default when an application has not enabled the mouse itself. This does the same in tmux (the `mouse` option must also be `on`):

```
bind -n WheelUpPane if -Ft= "#{mouse_any_flag}" "send -M" "send Up"
bind -n WheelDownPane if -Ft= "#{mouse_any_flag}" "send -M" "send Down"
```



An alternative is to only send the keys when in the alternate screen:

```
bind -n WheelUpPane {
    if -F '#{||:#{pane_in_mode},#{mouse_any_flag}}' {
        send -M
    } {
        if -F '#{alternate_on}' { send-keys -N 3 Up } { copy-mode -e }
    }
}
bind -n WheelDownPane {
    if -F '#{||:#{pane_in_mode},#{mouse_any_flag}}' {
        send -M
    } {
        if -F '#{alternate_on}' { send-keys -N 3 Down }
    }
}
```



## Make C-b w binding only show the one session

This makes the c-b w tree mode binding only show windows in the attached session.

```
bind w run 'tmux choose-tree -Nwf"##{==:##{session_name},#{session_name}}"'
```



## Create a new pane to copy

This opens a new pane with the history of the active pane - useful to copy multiple items from the history to the shell prompt.

Requires tmux 3.2 or later.

```
bind C {
    splitw -f -l30% ''
    set-hook -p pane-mode-changed 'if -F "#{!:=:#{pane_mode},copy-mode}" "kill-
pane"'
    copy-mode -s'{last}'
}
```



## C-DoubleClick to open *emacs(1)*

C-DoubleClick on a word to open *emacs(1)* in a popup (handles `file:line`).

Requires tmux 3.2 or later.

```
set -g word-separators ""
bind -n C-DoubleClick1Pane if -F '#{m/r:^(^[^:]*:[0-9]+:;#{mouse_word}}' {
    run -C 'popup -w90% -h90% -E -d "#{pane_current_path}" "
        x=$(echo "#{mouse_word}"|awk -F: \"{print \\\"+\\\"\\\"$2,\\\"$1\\\"}\")
        emacs "\$x"
    "'
} {
    run -C 'popup -w90% -h90% -E -d "#{pane_current_path}" "
        emacs "#{mouse_word}"
    "'
}
```



## Change shortcut keys in tree mode

This assigns the shortcut keys by the window index for the current session rather than by line number and uses `a` to `z` for higher numbers rather than `M-a` to `M-z`. Note that this replaces the existing uses for the `a` to `z` keys.

```
bind w run -C { choose-tree -ZwK "##{?##{!:=#{session_name},#{session_name}},,#{
?window_format,##{?##{e|<:##{window_index},10},#{window_index},##{?##{e|<:##
{window_index},36},##{a:##{e|+:##{e|-:##{window_index},10},97}},,}},}" }
```



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