GNU Screen

Terminal multiplexer

Prefix key `Ctrl+a`

CONCEPTS

Shortcuts marked prefix: press Ctrl+a, release, then press the key.

Sessions keep running after you close the terminal or lose your SSH connection.

Session survives detach

- **Window** full-screen shell
  - **Region** split view of a window

Unlike tmux, a split region only shows a window; it does not own one. Focus a region, then pick a window for it.

Typing a literal Ctrl+a (e.g. start of line in bash) needs Ctrl+a a.

SESSIONS

`screen -S <name>`
New named session

`screen -ls`
List sessions

`screen -r <name>`
Reattach to a session

prefix **d**
Detach from session

`screen -R <name>`
Reattach, or create if missing

`screen -x <name>`
Attach to an already attached session

`screen -d -r <name>`
Detach it elsewhere, reattach here

`screen -dmS <name> <cmd>`
Start a command detached

WINDOWS prefix +

c
Create window

n / **p**
Next / previous window

0-9
Jump to window number

WINDOWS (cont.) prefix +

"
Choose window from list

Ctrl + **a**
Toggle to the last used window

A
Rename window

w
Show window list in status line

REGIONS prefix +

S
Split top / bottom

|
Split left / right

Tab
Focus next region

X
Close current region

COPY MODE

prefix **[**
Enter copy / scroll mode

Space
Set start, then end of selection

Esc
Leave copy mode

prefix **]**
Paste last copied text

`defscrollback 10000`
Longer scrollback in .screenrc

LOGGING

prefix **H**
Toggle logging of this window

COMMAND MODE

prefix **:**
Open command prompt

prefix **?**
List all key bindings