

TMUX is a ...

TERMINAL MULTITEXER

... like a terminal with **SUPERPOWERS!**
Several people can use it at the same time + it lives for a longer time

We take turns with typing and all of us can see the same terminal.

The tmux session "lives" on the server; even if we all cut our connection, we can later come back to continue in the same session.

a command-line program, we start via a ssh connection on our server

Even with bad internet connections we don't lose what we are working on so easily

Using tmux together can look something like this:

→ Different programs can be running in various panes.

← There is just 1 cursor, we are taking turns typing.

This takes ages...

Here we started a longer running process...

```

1  2.6%  2.0%  0.7%  4[|  2.6%
2  1.3%  1.3%  0.6%  6[|  1.3%
3  0.6%  0.6%  0.7%  7[|  0.6%
4  0.6%  0.6%  0.7%  7[|  0.6%
5  0.6%  0.6%  0.7%  7[|  0.6%
6  0.6%  0.6%  0.7%  7[|  0.6%
7  0.6%  0.6%  0.7%  7[|  0.6%
8  0.6%  0.6%  0.7%  7[|  0.6%
9  0.6%  0.6%  0.7%  7[|  0.6%
10 0.6%  0.6%  0.7%  7[|  0.6%
11 0.6%  0.6%  0.7%  7[|  0.6%
12 0.6%  0.6%  0.7%  7[|  0.6%
13 0.6%  0.6%  0.7%  7[|  0.6%
14 0.6%  0.6%  0.7%  7[|  0.6%
15 0.6%  0.6%  0.7%  7[|  0.6%
16 0.6%  0.6%  0.7%  7[|  0.6%
17 0.6%  0.6%  0.7%  7[|  0.6%
18 0.6%  0.6%  0.7%  7[|  0.6%
19 0.6%  0.6%  0.7%  7[|  0.6%
20 0.6%  0.6%  0.7%  7[|  0.6%
21 0.6%  0.6%  0.7%  7[|  0.6%

```

TMUX!

We are a feminist server collective and we don't live in the same place.

Nevertheless, we found a way to care for our servers together, as if we were sitting in front of the same screen.

We connect to the same server via SSH and meet in a group call.

SHARING SHELLS

Variant 1: Everybody connects to the same socket

AND HOW DOES IT ACUTALLY WORK ???

One of us creates the socket, and makes it accessible for the others:

```
tmux -S /tmp/party_socket new -s party_session
```

Type I

... and the others join:

```
tmux -S /tmp/party_socket attach -t party_session
```

Type N

since tmux version 3.3 you additionally have to allow each user: `tmux server-access -a <USERNAME>`

Variant 2: Everyone logs in as the same user

The first one starts a session from the shared account:

```
sudo -iu party-user
tmux
```

The others join the session from the shared account:

```
sudo -iu party-user
tmux e
```

Two settings for the CONFIG, we found to be helpful

```
set -g history-limit 5000
set -g window-size smallest
```

echo /etc/tmux.conf

CHEAT SHEET

```
tmux new -s party_session # start a new session
```

```
tmux attach -t party_session # join an existing session
```

CTRL + B then D
leave a session

```
tmux ls # list all running sessions
```

```
tmux kill-session -t party_session # end a session
```

To give TMUX a command, we first press **CTRL + B** to enter "Command Mode" & then another key, depending on what we wanna do

- STRG + B** "Command Mode"
- ↑ ↓** navigates between panes
- Z** switches the active pane to "fullscreen"
- X** closes the active pane, confirm with **Y**
- D** detaches from the active session without closing it
- %** divides the pane vertically
- ,"** divides the window horizontally
- C** opens a new window
- P/N** changes to the previous/next window
- Alt+Q** changes to "copy mode" for scrolling, exit with **Q**

SHARING SHELLS

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DIEBIN.AT **2024**