# Tmux

## Cheatsheet and References

1. https://gist.github.com/MohamedAlaa/2961058

2. https://tmuxcheatsheet.com/

# Tmux Guide

Quelle: https://linuxize.com/post/getting-started-with-tmux/

## Starting Your First Tmux Session

To start your first Tmux session, simply type `tmux` in your console:

```
tmux
```

This will open a new session, create a new window, and start a shell in that window.

Once you are in Tmux you'll notice a status line at the bottom of the screen which shows information about the current session.

You can now run your first Tmux command. For example, to get a list of all commands, you would type:

`Ctrl+b` `?`

## Creating Named Tmux Sessions

By default, Tmux sessions are named numerically. Named sessions are useful when you run multiple Tmux sessions. To create a new named session, run the `tmux` command with the

following arguments:

```
tmux new -s session_name
```

It's always a good idea to choose a descriptive session name.

## Detaching from Tmux Session

You can detach from the Tmux session and return to your normal shell by typing:

`Ctrl+b` `d`

The program running in the Tmux session will continue to run after you detach from the session.

## Re-attaching to Tmux Session

To attach to a session first, you need to find the name of the session. To get a list of the currently running sessions type:

```
tmux ls
```

The name of the session is the first column of the output.

```
0: 1 windows (created Sat Sep 15 09:38:43 2018) [158x35]
my_named_session: 1 windows (created Sat Sep 15 10:13:11 2018) [78x35]
```

As you can see from the output, there are two running Tmux sessions. The first one is named `0` and the second one `my_named_session`.

For example, to attach to session `0`, you would type:

```
tmux attach-session -t 0
```

## Working with Tmux Windows and Panes

When you start a new Tmux session, by default, it creates a single window with a shell in it.

To create a new window with shell type `Ctrl+b` `c`, the first available number from the range `0...9` will be assigned to it.

A list of all windows is shown on the status line at the bottom of the screen.

Below are some most common commands for managing Tmux windows and panes:

- `Ctrl+b` `c` Create a new window (with shell)
- `Ctrl+b` `w` Choose window from a list
- `Ctrl+b` `0` Switch to window 0 (by number )
- `Ctrl+b` `,` Rename the current window
- `Ctrl+b` `%` Split current pane horizontally into two panes
- `Ctrl+b` `"` Split current pane vertically into two panes
- `Ctrl+b` `o` Go to the next pane
- `Ctrl+b` `;` Toggle between the current and previous pane
- `Ctrl+b` `x` Close the current pane

# Kommando in eine Terminal Session schicken (in den Hintergrund)

```
tmux new-session -d -s SESSIONNAME 'Befehl'
```

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