

Zoom On Steroids

About Me



```
1 Person me = new Person.Builder()
2   .name("Mathias Ewald")
3   .role("Solutions Architect")
4   .company("GitLab")
5   .contact(ContactDetails.Builder()
6     .email("mewald@gitlab.com")
7     .linkedin("mathias-ewald")
8     .tel("+436641486171")
9   ).skills(Set.of(
10    "Developer Platforms", "DevSecOps",
11    "SpringBoot", "Kubernetes", "AI/ML"
12  ))
13  .interests(Set.of("Basketball", "Running", "Smart Home"))
14  .pets(List.of("Dog", "Chicken"))
15  .married(true).children(1)
16  .build();
```



My Desk

- 2x Camera
- 2x Microphone
- **1x HDMI Switcher**
- 1x Audio Mixer
- 2x Keylight
- 1x Teleprompter
- 1x Monitoring Display
- 1x Video Player
- 2x Stream Deck

Why Anything?

Remote Job

-  Pitches
-  Workshops
-  Training
-  Recording
-  Internal Meetings

→ Optimize for these situations!

Quality, Effects, Variety



Everybody starts here

-  Laptop
-  Microphone
-  Camera
-  Speakers

It works, but is this "optimized"? 

- Bad video quality
- Low video angle
- Terrible audio quality
- Low variety



Demo

```
package com.david.be.core.solr;

import ...

public final class LocationUtils {

    /**
     * Parses Point from its String representation.
     * @param locationString - String that represents location, as 2 double values split with coma. Accepts space after/before.
     * @return org.springframework.data.solr.core.geo.Point instance
     */
    public static Point parseLocation(String locationString) {
        Preconditions.checkNotNull(locationString, errorMessage: "Location String should not be null");
        Preconditions.checkArgument(locationString.contains(","), errorMessage: "Location must be split with coma");
        locationString = locationString.trim();

        if (locationString.contains(" ")) {
            locationString = locationString.replaceAll( regex: " ", replacement: "," );
        }

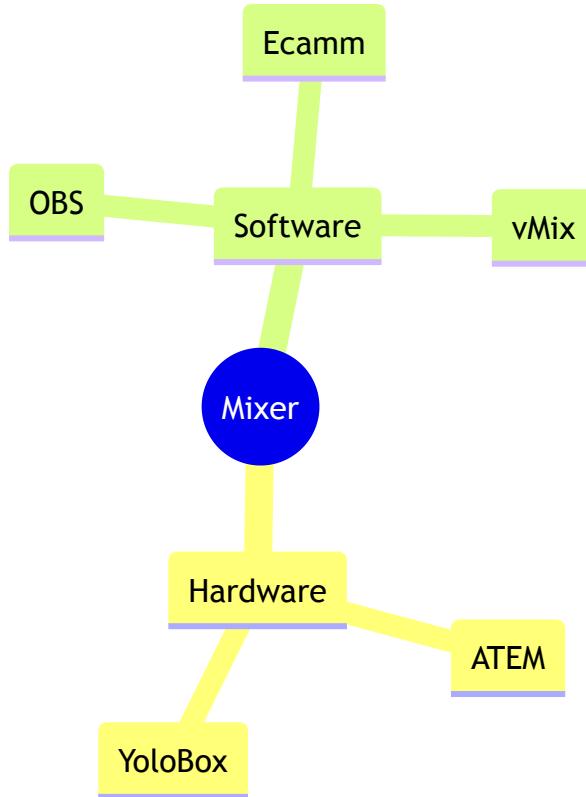
        if (locationString.contains("')) {
            locationString = locationString.replaceAll( regex: "''", replacement: "','" );
        }

        String[] location = locationString.split( regex: "," );
        Preconditions.checkArgument( location.length >= 2, errorMessage: "Location should constist at least 2 Double parameters" );
        double lat = Double.parseDouble(location[0]);
        double lon = Double.parseDouble(location[1]);

        return new Point(lat, lon);
    }
}
```



Why Hardware?



Software

- Good quality (given a good mic and webcam)
- High variety
- High load
- Compatibility issues

Hardware

- Excellent quality (especially for recordings)
- Medium variety (throw more hardware at it)
- Offloading
- Price
- Mobility

How It Works



