

## MAKING MUSIC WITH GNOME $^{TM}$







## Hello ...

- Kukuh Syafaat
  - Session Musician
  - GNU/Linux Enthusiast
  - BlankOn (Indonesian Debian-based GNU/Linux Distribution) Developer
  - Currently work at local startup as UI/UX Designer
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  - @cho2MLHC

#### You need...

- Hardware
- Software
- Brainware :D

## Hardware

#### • Computer



## Hardware (2)

• USB Soundcard



## Hardware (3)

#### Monitor Speaker/Headphone



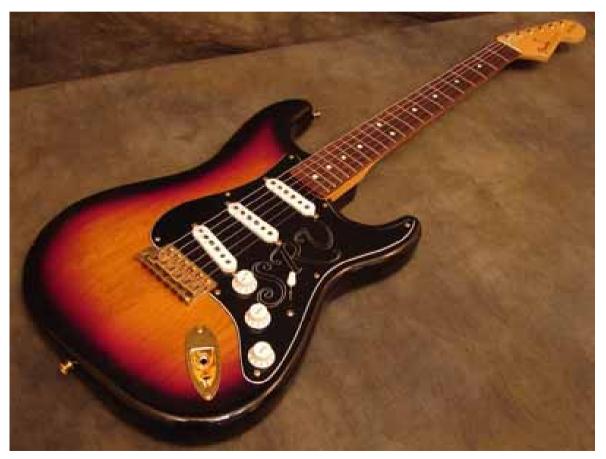
## Hardware (4)

#### • USB Keyboard Controller



## Hardware (5)

• Music Instruments



## Hardware (6)

• Microphone



#### Software



#### • Ardour

- Digital audio workstation.
- (http://ardour.org/)

## Software (2)

- JACK
  - Audio connection kit
  - (http://jackaudio.org/)



## Software (3)



#### • LMMS

- Free cross-platform alternative to commercial programs like FL Studio<sup>®</sup>, which allow you to produce music with your computer.
- (https://lmms.io/)

## Software (4)

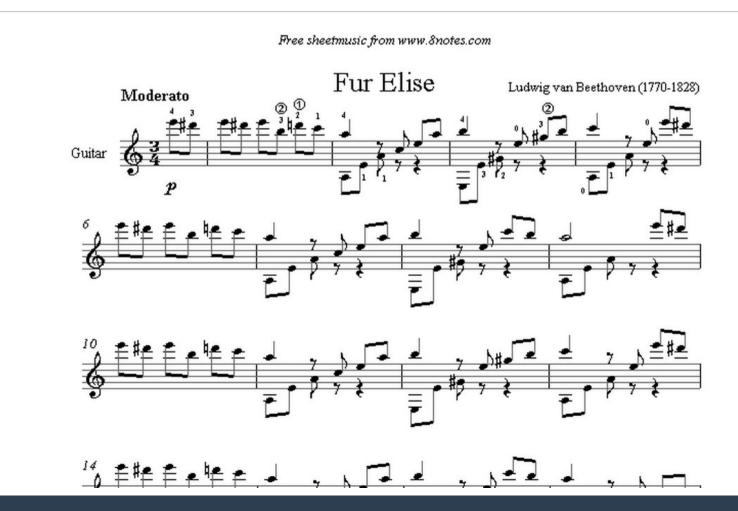


#### • Guitarix

- Simple Linux amplifier with one input and two outputs.
- (http://guitarix.org/)

## Brainware

#### Basic music theory



## **Basic Recording Step**

## Tracking

- Recording an instrument
- Mixing
  - The process by which multiple sounds are combined into one or more channels

#### Mastering

 Preparing and transferring recorded audio from a source containing the final mix to a data storage device (the master)

## DEMO



# Thank You