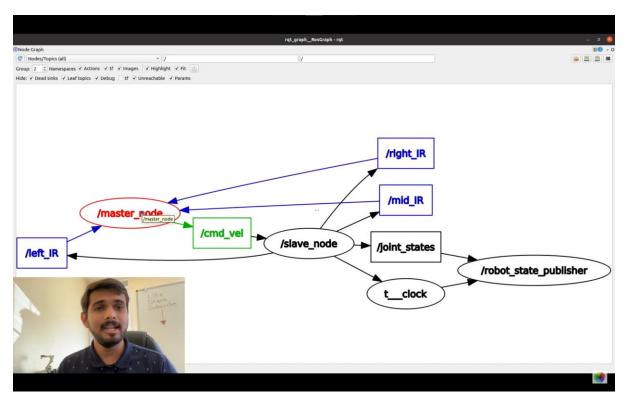
## Line Following Custom Robot Project | Webots ROS2 project Tutorial | [Tutorial 6] Summary

Nama: Al Ghifary Akmal Nasheeri

NIM : 1103201242

Kelas : TK-44-06

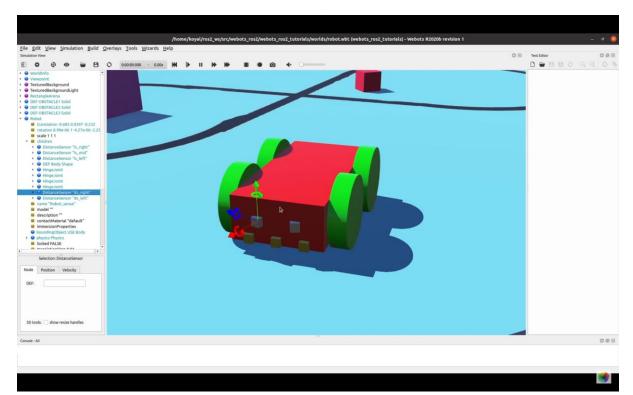
#### **Soft Illusion Webots ROS2**



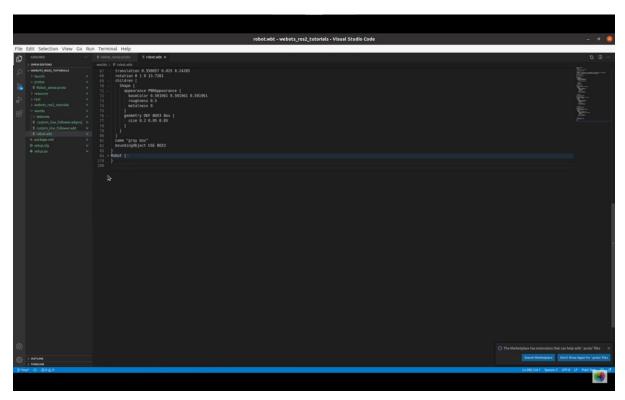
Soft Illusion dan sekilas tentang proyek tutorial menggunakan Webots dan ROS2 untuk membuat robot mengikuti garis.

## **Edit custom Robot in Webots**

Membangun robot kustom untuk mengikuti garis hitam di Webots. Menyesuaikan bentuk dan sensor robot sesuai kebutuhan.



#### robot.wbt



## **Overview of Slave**

Penjelasan tentang node "slave" yang berfungsi membaca data sensor dan mempublikasikannya ke node lain.

## slave.py

```
### Aller growth of the format of the format
```

# slave.py

#### **Overview of Master**

Penjelasan tentang node "master" yang menerima data sensor dari slave, memprosesnya, dan mengirimkan perintah kecepatan ke robot.

### master.py

```
| Section | Sect
```

#### master.py

```
### Distriction Views Co. Not. Terminal retry

| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views Co. Not. Terminal retry
| Distriction Views
```

## **Setup Project**

Pengaturan proyek ROS2, termasuk pembuatan package, node, dan konfigurasi komunikasi antar node.

## line\_following\_launch.py

```
| Color | Ministration | Version | Section | S
```

## setup.py

```
Set Location Views Can Not Torontal July

Set Control Control
```

#### **Build and Demo**

Membangun proyek dan menjalankan simulasi robot. Demonstrasi cara mengontrol robot mengikuti garis menggunakan keyboard.

