

TUGAS ROBOTIKA WEEK 4

Nama : Dimas Ahmad

NIM : 1103210218

KELAS : TK45-G06

```
rosdep update
```

```
sudo apt update
```

```
sudo apt dist-upgrade
```

```
sudo apt install ros-noetic-catkin python3-catkin-tools
```

```
sudo apt install python3-wstool
```

```
mkdir -p ~/ws_moveit/src
```

```
cd ~/ws_moveit/src
```

```
wstool init .
```

```
wstool merge -t . https://raw.githubusercontent.com/moveit/moveit/master/moveit.rosinstall
```

```
wstool remove moveit_tutorials # this is cloned in the next section
```

```
wstool update -t .
```

```
cd ~/ws_moveit/src
```

```
git clone https://github.com/moveit/moveit_tutorials.git -b master
```

```
git clone https://github.com/moveit/panda_moveit_config.git -b noetic-devel
```

```
cd ~/ws_moveit/src
```

```
rosdep install -y --from-paths . --ignore-src --rosdistro noetic
```

```
sudo sh -c 'echo "deb http://packages.ros.org/ros-testing/ubuntu $(lsb_release -sc) main" >  
/etc/apt/sources.list.d/ros-latest.list'
```

```
cd ~/ws_moveit
```

```
catkin config --extend /opt/ros/${ROS_DISTRO} --cmake-args -DCMAKE_BUILD_TYPE=Release
```

```
catkin build
```

```
source ~/ws_moveit/devel/setup.bash
```

```
echo 'source ~/ws_moveit/devel/setup.bash' >> ~/.bashrc
```