

**Robotika dan Sistem Cerdas**

**Webot Tutorial 'Using ROS'**

Diajukan untuk memenuhi UAS pada mata kuliah  
Robotika dan Sistem Cerdas

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**Telkom  
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**PROGRAM STUDI S1 TEKNIK KOMPUTER**

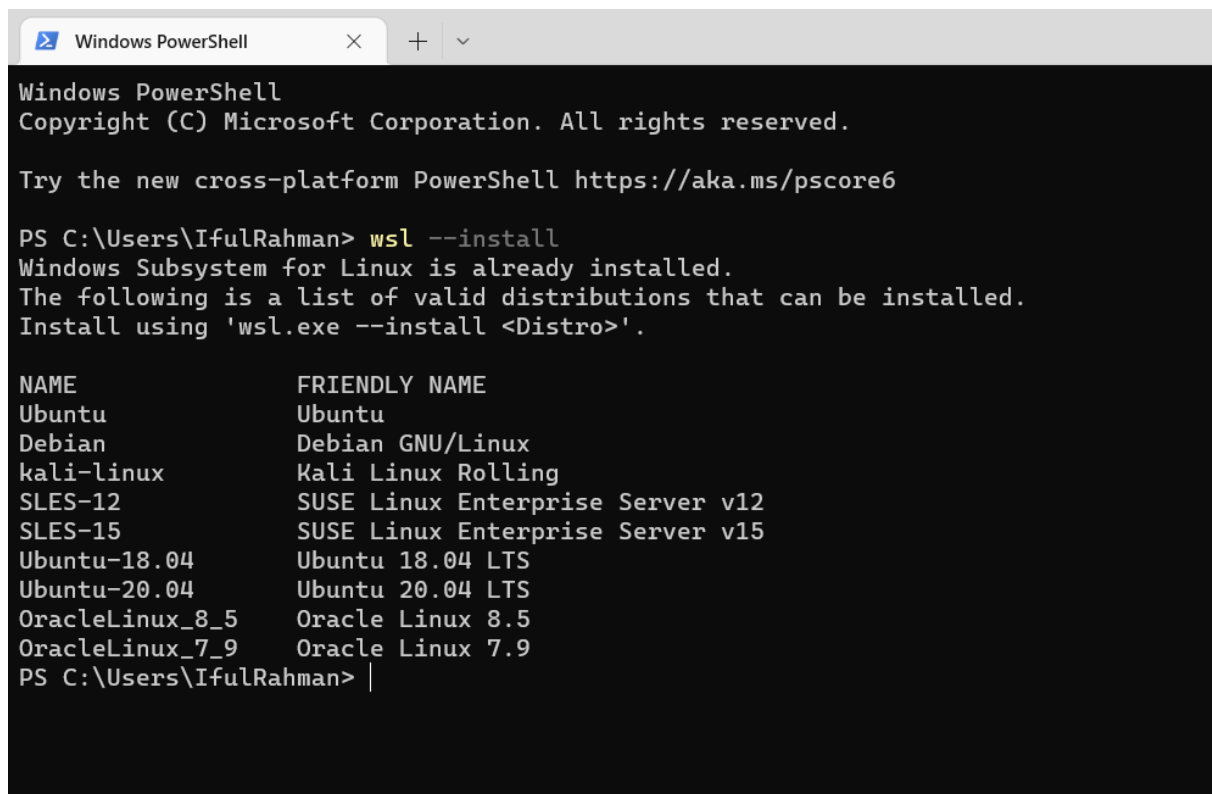
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**2023**

### 1) Install WSL



```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\IfulRahman> wsl --install
Windows Subsystem for Linux is already installed.
The following is a list of valid distributions that can be installed.
Install using 'wsl.exe --install <Distro>'.

NAME                FRIENDLY NAME
Ubuntu              Ubuntu
Debian              Debian GNU/Linux
kali-linux          Kali Linux Rolling
SLES-12             SUSE Linux Enterprise Server v12
SLES-15             SUSE Linux Enterprise Server v15
Ubuntu-18.04        Ubuntu 18.04 LTS
Ubuntu-20.04        Ubuntu 20.04 LTS
OracleLinux_8_5     Oracle Linux 8.5
OracleLinux_7_9     Oracle Linux 7.9
PS C:\Users\IfulRahman> |
```

### 2) Install Webot ROS2

Link GitHub : [https://github.com/cyberbotics/webots\\_ros2/wiki/Windows-Installation-Guide](https://github.com/cyberbotics/webots_ros2/wiki/Windows-Installation-Guide)

### 3) Berikut command untuk menjalankan demo

```
source /opt/ros/$ROS_DISTRO/setup.bash
```

# To start a specific Windows Webots installation, set WEBOTS\_HOME by using the mount point "/mnt" (e.g. C:\Program Files\Webots)

```
export WEBOTS_HOME=/mnt/c/Program Files/Webots
```

```
# If installed from sources, source the ROS2 workspace
source install/local_setup.bash
```

```
# Start package (e.g. webots_ros2_epuck)
ros2 launch webots_ros2_epuck robot_launch.py
```