

NVIDIA Jetson Nano Setup

Setup Headless Jetson with GUI Client

Harley's Tutorial for different client side DMs

We use **X2Go**.

https://teawiki.net/doku.php?id=workshops:nvidia_jetson:xavier_nx:start

Changing Runlevel

Change the Jetson runlevel to non-GUI to switch off the gnome display manager (or other DM) to free memory.

Instead enable graphical login with [X2Go](#).

```
# Temporary
sudo systemctl isolate multi-user.target

# Permanent
sudo systemctl set-default multi-user.target
```

ROS Setup

Use Docker Containers

- NVIDIA Forum on [ROS2 on Jetson Nano](#)

https://nvidia-ai-iot.github.io/ros2_jetson/ros2-jetson-dockers/

<https://github.com/dusty-nv/jetson-containers#ros-containers>

```
git clone https://github.com/dusty-nv/jetson-containers
cd jetson-containers
./scripts/l4t_version.sh
```

Can't find docker image for L4T 32.7.2

<https://github.com/dusty-nv/jetson-containers/issues/177>

.

Misc

Harley's tutorial for [setting up ROS](#) on NVIDIA Jetson **Xavier NX**. It is not applicable to Jetson Nano because binaries are not provided in the repos.

From:

<https://wiki.eolab.de/> - **HSRW EOLab Wiki**

Permanent link:

<https://wiki.eolab.de/doku.php?id=projects:jetson:nano:start&rev=1686406849>

Last update: **2023/06/10 16:20**

