

HybridNets + ROS Documentation

-Run Docker First

-In Command Line/Linux:

`docker ps // to see container ID`

`docker exec -it -i <container id> /bin/bash`

-In Docker terminal:

`cd rootfs/rootfs/catkin_ws`

`source /opt/ros/noetic/setup.bash`

`roscd`

`source setup.bash`

`cd`

`cd rootfs/rootfs/catkin_ws/devel`

`source setup.bash`

`cd`

`roscd`

`cd ..`

`catkin_make`

`cd src/ros_basics_tutorials/scripts/`

`python 3 image_subscriber.py`

-Using roscore & rosrn

`// Make sure you're in this catkin_ws directory`

`// Run master node first before running additional nodes`

`roscore & rosrn <PACKAGE NAME> <EXECUTABLE FILE>`

example:

`rosrn ros_basics_tutorial image_subscriber.py (.py if python. if cpp file, then just name of file)`

optional:

To check which package is running use the command:

`rostopic list`