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Machine View Input Devices Help
af@rahaf-VirtualBox: ~/catkin_ws
bash: /opt/ros/noetic/setup.bash: No such file or directory
rahaf@rahaf-VirtualBox:~$ sudo sh -c 'echo "deb http://packages.ros.org/ros/ubuntu $(lsb_release -sc) main" > /etc/apt/sources.list'
[sudo] password for rahaf:
rahaf@rahaf-VirtualBox:~$ sudo apt-key adv --keyserver 'hkp://keyserver.ubuntu.com:80' --recv-key C1CF6E31E6BADE8868B172B4F42ED6FBAB17C654
gpg: requesting key AB17C654 from hkp server keyserver.ubuntu.com
gpg: key AB17C654: "Open Robotics <info@osrfoundation.org>" not changed
gpg: Total number processed: 1
gpg:   unchanged: 1
rahaf@rahaf-VirtualBox:~$ sudo apt-get update
Get:1 http://security.ubuntu.com/ubuntu xenial-security InRelease [99.8 kB]
Hit:2 http://sa.archive.ubuntu.com/ubuntu xenial InRelease
Hit:3 https://esm.ubuntu.com/infra/ubuntu xenial-infra-security InRelease
Hit:4 https://esm.ubuntu.com/infra/ubuntu xenial-infra-updates InRelease
Get:5 http://sa.archive.ubuntu.com/ubuntu xenial-updates InRelease [99.8 kB]
Hit:6 http://packages.ros.org/ros/ubuntu xenial InRelease
Get:7 http://sa.archive.ubuntu.com/ubuntu xenial-backports InRelease [97.4 kB]
Fetched 297 kB in 1s (200 kB/s)
Reading package lists... Done
rahaf@rahaf-VirtualBox:~$ sudo apt-get install ros-kinetic-desktop-full
Reading package lists... Done
Building dependency tree
Reading state information... Done
ros-kinetic-desktop-full is already the newest version (1.3.2-0xenial-20210503-172314-0800).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
rahaf@rahaf-VirtualBox:~$ apt-cache search ros-kinetic
ros-kinetic-abb - ROS-Industrial support for ABB manipulators (metapackage).
ros-kinetic-abb-driver - ROS-Industrial nodes for interfacing with ABB robot controllers.
ros-kinetic-abb-egm-msgs - Provides ROS message definitions, representing Externally Guided Motion (EGM) data from
ros-kinetic-abb-irb2400-moveit-config - MoveIt package for the ABB IRB 2400.
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Machine View Input Devices Help
me/rahaf/catkin_ws/src/arduino_robot_arm/robot_arm_pkg/launch/check_motors.launch http://localhost:11311
bash: /opt/ros/noetic/setup.bash: No such file or directory
rahaf@rahaf-VirtualBox:~$ sudo nano ~/.bashrc
[sudo] password for rahaf:
rahaf@rahaf-VirtualBox:~$ source ~/.bashrc
bash: /opt/ros/noetic/setup.bash: No such file or directory
rahaf@rahaf-VirtualBox:~$ roslaunch robot_arm_pkg check_motors.launch
... logging to /home/rahaf/.ros/log/2a0b31bc-0bba-11ed-8777-0800278d4642/roslaunch-rahaf-VirtualBox-5838.
Checking log directory for disk usage. This may take awhile.
Press Ctrl-C to interrupt
Done checking log file disk usage. Usage is <1GB.

started roslaunch server http://rahaf-VirtualBox:37219/

SUMMARY
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PARAMETERS
I
* /robot_description: <?xml version="1....
* /rostdistro: kinetic
* /rosversion: 1.12.17

NODES
/
  joint_state_publisher_gui (joint_state_publisher_gui/joint_state_publisher_gui)
  robot_state_publisher (robot_state_publisher/robot_state_publisher)
  rviz (rviz/rviz)

auto-starting new master
process[master]: started with pid [5849]
ROS_MASTER_URI=http://localhost:11311

setting /run_id to 2a0b31bc-0bba-11ed-8777-0800278d4642
process[rosout-1]: started with pid [5862]
started core service [/rosout]
process[robot_state_publisher-2]: started with pid [5865]
```


