

PRACTICE CHAPTER 6

1. The MoveIt! Architecture

```
sudo apt-get install ros-noetic-moveit ros-noetic-moveit-  
plugins ros-noetic-moveit-planners
```

```
bash: /path/to/csim_demo_pkg/urdf/seven_dof_arm.urdf: No such file or directory  
ikhwan@Ubuntu-2204:~$ sudo apt-get install ros-noetic-moveit ros-noetic-moveit-plugins ros-noetic-  
-moveit-planners  
[sudo] password for ikhwan:  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
E: Unable to locate package ros-noetic-moveit  
E: Unable to locate package ros-noetic-moveit-plugins  
E: Unable to locate package ros-noetic-moveit-planners  
ikhwan@Ubuntu-2204:~$
```

Tidak dapat menemukan lokasi paket

2. Generating a MoveIt! configuration package using the Setup Assistant tool

Step 1 – Launching the Setup Assistant tool

To start the MoveIt! Setup Assistant tool, we can use the following command:

```
roslaunch moveit_setup_assistant setup_assistant.launch
```

```
E: Unable to locate package ros-noetic-moveit-planners  
ikhwan@Ubuntu-2204:~$ roslaunch moveit_setup_assistant setup_assistant.launch  
Traceback (most recent call last):  
  File "/usr/bin/roslaunch", line 34, in <module>  
    import roslaunch  
  File "/usr/lib/python3/dist-packages/roslaunch/__init__.py", line 62, in <module>  
    from .scriptapi import ROSLaunch  
  File "/usr/lib/python3/dist-packages/roslaunch/scriptapi.py", line 42, in <module>  
    import roslaunch.parent  
  File "/usr/lib/python3/dist-packages/roslaunch/parent.py", line 54, in <module>  
    import roslaunch.server  
  File "/usr/lib/python3/dist-packages/roslaunch/server.py", line 80, in <module>  
    from rosgraph_msgs.msg import Log  
ImportError: cannot import name 'Log' from 'rosgraph_msgs.msg' (/opt/ros/humble/local/lib/python3  
.10/dist-packages/rosgraph_msgs/msg/__init__.py)  
ikhwan@Ubuntu-2204:~$
```

Error ketika menginputkan command