https://industrial-training-master.readthedocs.io/en/melodic/\_source/session1/Create-Catkin-Workspace.html

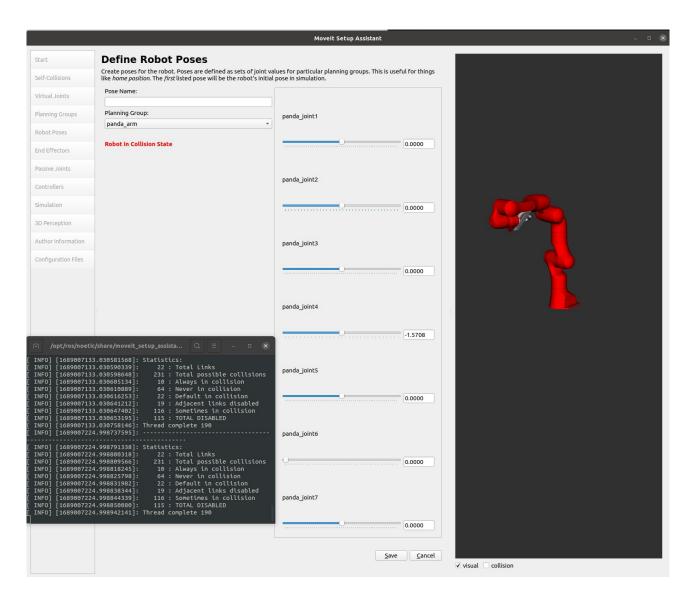
```
/home/ladak/Desktop/ws_2023
https://roboticscasual.com/ros-tutorial-how-to-create-a-moveit-config-for-the-ur5-and-a-gripper/
git clone -b noetic-devel https://github.com/ros-industrial/universal_robot.git
fatal: Remote branch noetic-devel not found in upstream origin – NO NOETIC BRANCH
=> use original folder universal robot
wget https://raw.githubusercontent.com/utecrobotics/ur5/master/ur5_description/
urdf/ur5 joint limited robot.urdf.xacro
.bashsrc:
#export ROS_MASTER_URI=http://192.168.0.10:11311
#export ROS IP=192.168.0.100
export ROS MASTER URI=http://localhost:11311
export ROS_HOSTNAME=localhost
ladak@ladak-ThinkStation-P330:~/Desktop/ws 2023/src$ roslaunch
moveit_setup_assistant setup_assistant.launch
... logging to /home/ladak/.ros/log/97880b22-1e77-11ee-a428-8f23e8d4e878/roslaunch-ladak-
ThinkStation-P330-25435.log
Checking log directory for disk usage. This may take a while. Press Ctrl-C to interrupt
Done checking log file disk usage. Usage is <1GB.
started roslaunch server http://localhost:38469/
SUMMARY
PARAMETERS
 /rosdistro: noetic
* /rosversion: 1.15.13
NODES
   moveit_setup_assistant (moveit_setup_assistant/moveit_setup_assistant)
auto-starting new master
process[master]: started with pid [25443]
ROS_MASTER_URI=http://localhost:11311
. . .
```

```
/opt/ros/noetic/lib/moveit_setup_assistant/moveit_setup_assistant: error while loading
shared libraries: libmoveit_robot_state_rviz_plugin_core.so.1.1.11: cannot open shared
object file: No such file or directory
process [moveit_setup_assistant-2] has died!
process has died [pid 25456, exit code 127, cmd
/opt/ros/noetic/lib/moveit_setup_assistant/moveit_setup_assistant
 _name:=moveit_setup_assistant __log:=/home/ladak/.ros/log/97880b22-1e77-11ee-a428-
8f23e8d4e878/moveit_setup_assistant-2.log].
log file:
/home/ladak/.ros/log/97880b22-1e77-11ee-a428-8f23e8d4e878/moveit_setup_assistant-2*.log
Initiating shutdown!
https://github.com/ros-planning/moveit/issues/3303
sudo apt install --reinstall "?and(~i,~nros-noetic-moveit-*)"
This updated all move_it packages from 1.1.10 to 1.1.12.
______
libsrdfdom.so.0.6.4:
sudo apt-get install --reinstall ros-noetic-srdfdom
sudo apt-get install ros-noetic-geometric-shapes
I can run the GUI now!
TODO:
     try build NAIL sources (all move_it packages were
reinstalled..)
10. 7. 2023
NAIL sources build OK; only with warnings on ur_kinematics:
        << ur_kinematics:check
Warnings
/home/ladak/git/nail108-2021/getting_started/logs/ur_kinematics/build.check.017.log
CMake Warning (dev) at CMakeLists.txt:2 (project):
 Policy CMP0048 is not set: project() command manages VERSION variables.
 Run "cmake --help-policy CMP0048" for policy details. Use the cmake_policy
 command to set the policy and suppress this warning.
 The following variable(s) would be set to empty:
   CMAKE_PROJECT_VERSION
   CMAKE_PROJECT_VERSION_MAJOR
   CMAKE_PROJECT_VERSION_MINOR
   CMAKE_PROJECT_VERSION_PATCH
This warning is for project developers. Use -Wno-dev to suppress it.
```

## setup\_assistant\_tutorial:

https://ros-planning.github.io/moveit\_tutorials/doc/ setup\_assistant/setup\_assistant\_tutorial.html

Step 5: Add Robot Poses



https://github.com/ros-planning/moveit/issues/2332

\_\_\_\_\_\_

## 15. 7. 2023

Universal\_robot:

No Noetic branch, installed melodic dev: git clone -b melodic-devel <a href="https://github.com/ros-industrial/universal\_robot.git">https://github.com/ros-industrial/universal\_robot.git</a> Missing URDF files, cloned from kinetic:

 $ladak@ladak-ThinkStation-P330: {\tt ~/Desktop/URDF\_KINETIC\$} \ git \ clone \ -b \ kinetic \ \underline{https://github.com/ros-industrial/universal\_robot.git}$ 

Config generated with error msg in log (no error in GUI); instructions from <a href="https://roboticscasual.com/ros-tutorial-how-to-create-a-moveit-config-for-the-ur5-and-a-gripper/">https://roboticscasual.com/ros-tutorial-how-to-create-a-moveit-config-for-the-ur5-and-a-gripper/</a>

[ERROR] [1689432372.251036431]: Failed to generate entire configuration package

