

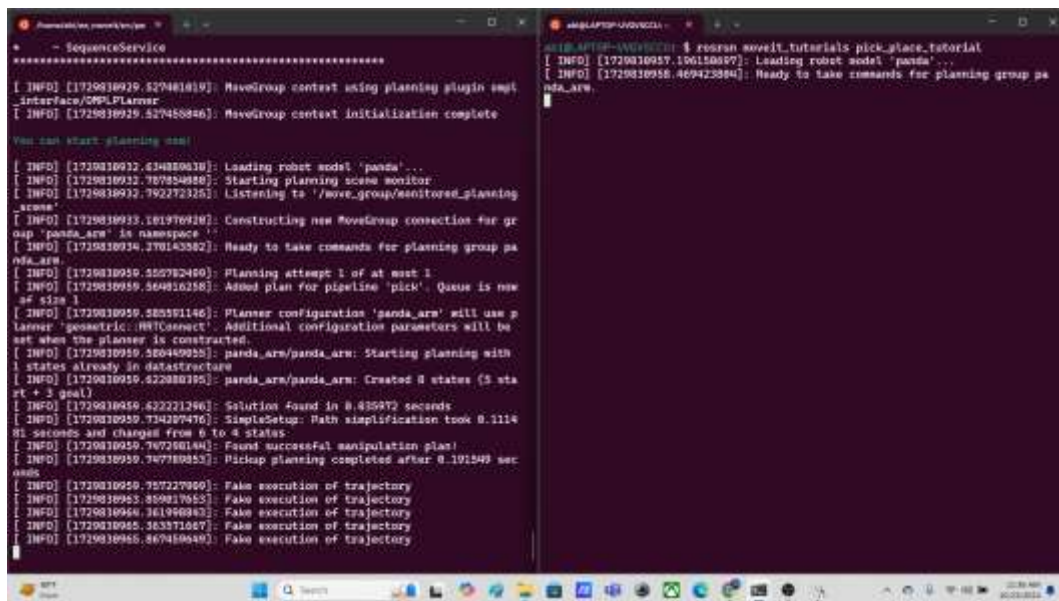
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## Pick and Place (MoveIt 1 Noetic)

1. Jalankan syntax **roslaunch panda\_moveit\_config demo.launch** untuk menjalankan RViz dan **roslaunch moveit\_tutorials pick\_place\_tutorial** untuk menjalankan tutorial pick and place.



```
* - SequenceService
*****
[ INFO] [1729818929.527481819]: MoveGroup context using planning plugin smt_interface/OMPLPlanner
[ INFO] [1729818929.527480846]: MoveGroup context initialization complete

You can start planning now!

[ INFO] [1729818932.434800438]: Loading robot model 'panda'...
[ INFO] [1729818932.787854088]: Starting planning scene monitor.
[ INFO] [1729818932.792272325]: Listening to '/move_group/monitored_planning_scene'.
[ INFO] [1729818932.781976918]: Constructing new MoveGroup connection for group 'panda_arm' in namespace ''
[ INFO] [1729818934.270142352]: Ready to take commands for planning group 'panda_arm'.
[ INFO] [1729818935.555782460]: Planning attempt 1 of at most 1
[ INFO] [1729818935.564816258]: Added plan for pipeline 'pick'. Queue is now of size 1
[ INFO] [1729818935.582591146]: Planner configuration 'panda_arm' will use planner 'geometric/HWConnect'. Additional configuration parameters will be set when the planner is constructed.
[ INFO] [1729818935.580449925]: panda_arm/panda_arm: Starting planning with 1 states already in datastructure
[ INFO] [1729818935.622080395]: panda_arm/panda_arm: Created 8 states (5 start + 3 goal)
[ INFO] [1729818935.622221296]: Solution found in 0.435972 seconds
[ INFO] [1729818935.734207476]: SimpleSetup: Path simplification took 0.111481 seconds and changed from 6 to 4 states.
[ INFO] [1729818935.747360144]: Found successful manipulation plan!
[ INFO] [1729818935.747789253]: Pickup planning completed after 0.191549 seconds.
[ INFO] [1729818935.757227060]: Fake execution of trajectory
[ INFO] [1729818935.850817653]: Fake execution of trajectory
[ INFO] [1729818936.361968843]: Fake execution of trajectory
[ INFO] [1729818936.363371067]: Fake execution of trajectory
[ INFO] [1729818936.867488449]: Fake execution of trajectory
```

2. Robot akan bergerak sesuai instruksi.

