

Readme:

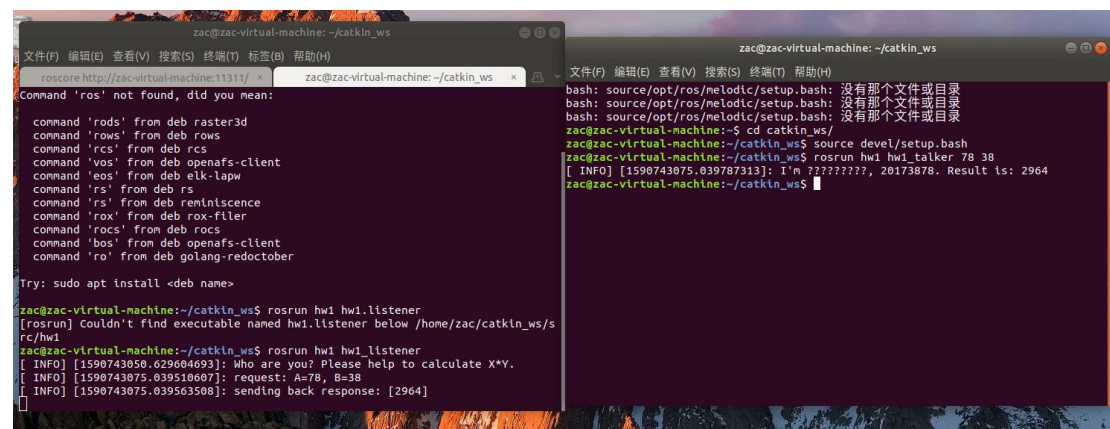
执行步骤:

1. 复制 hw1 至 catkin_ws/src 目录下
2. catkin_make
3. roscore
4. ctrl shift T 打开另一终端, 输入 rosrn hw1 hw1_listener 启动 listener 节点
5. 打开另一终端, 输入 rosrn hw1 hw1_talker num1 num2 启动 talker 节点并进行学号运算, num1 和 num2 分别为本人学号倒数两位和倒数三四位 (78 38)
6. 得到结果在 talker 终端中返回 "I'm ..."
- 7.

说明:

- 本次实验用的虚拟机, 终端好像不支持中文显示会乱码, 本人邓志豪, 学号是 20173878
- 执行 echo "opt/ros/melodic/setup.bash" >> ~/.bashrc 步骤后重新在终端 cd ~/catkin_ws/时提示虚拟机找不到 opt/ros/melodic/setup.bash 文件(能查询到但无法添加...) 导致每开一个终端都需要在 catkin_ws 路径下 source devel/setup.bash

结果展示:



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zac@zac-virtual-machine: ~/catkin_ws
Command 'ros' not found, did you mean:
command 'rods' from deb raster3d
command 'rows' from deb rows
command 'rcs' from deb rcs
command 'vos' from deb opensaf-client
command 'eos' from deb elk-lapw
command 'rs' from deb rs
command 'rs' from deb reminiscence
command 'rox' from deb rox-filer
command 'rocs' from deb rocs
command 'bos' from deb opensaf-client
command 'ro' from deb golang-redoctober
Try: sudo apt install <deb name>

zac@zac-virtual-machine:~/catkin_ws$ rosrn hw1 hw1.listener
[rosrun] Couldn't find executable named hw1.listener below /home/zac/catkin_ws/src/hw1

zac@zac-virtual-machine:~/catkin_ws$ rosrn hw1 hw1_listener
[ INFO] [1590743050.629604693]: Who are you? Please help to calculate X*Y.
[ INFO] [1590743075.039510607]: request: A=78, B=38
[ INFO] [1590743075.039563508]: sending back response: [2964]

bash: source/opt/ros/melodic/setup.bash: 没有那个文件或目录
bash: source/opt/ros/melodic/setup.bash: 没有那个文件或目录
bash: source/opt/ros/melodic/setup.bash: 没有那个文件或目录
zac@zac-virtual-machine:~/catkin_ws$ source devel/setup.bash
zac@zac-virtual-machine:~/catkin_ws$ rosrn hw1 hw1_talker 78 38
[ INFO] [1590743075.039787313]: I'm ?????????, 20173878. Result is: 2964
zac@zac-virtual-machine:~/catkin_ws$
```