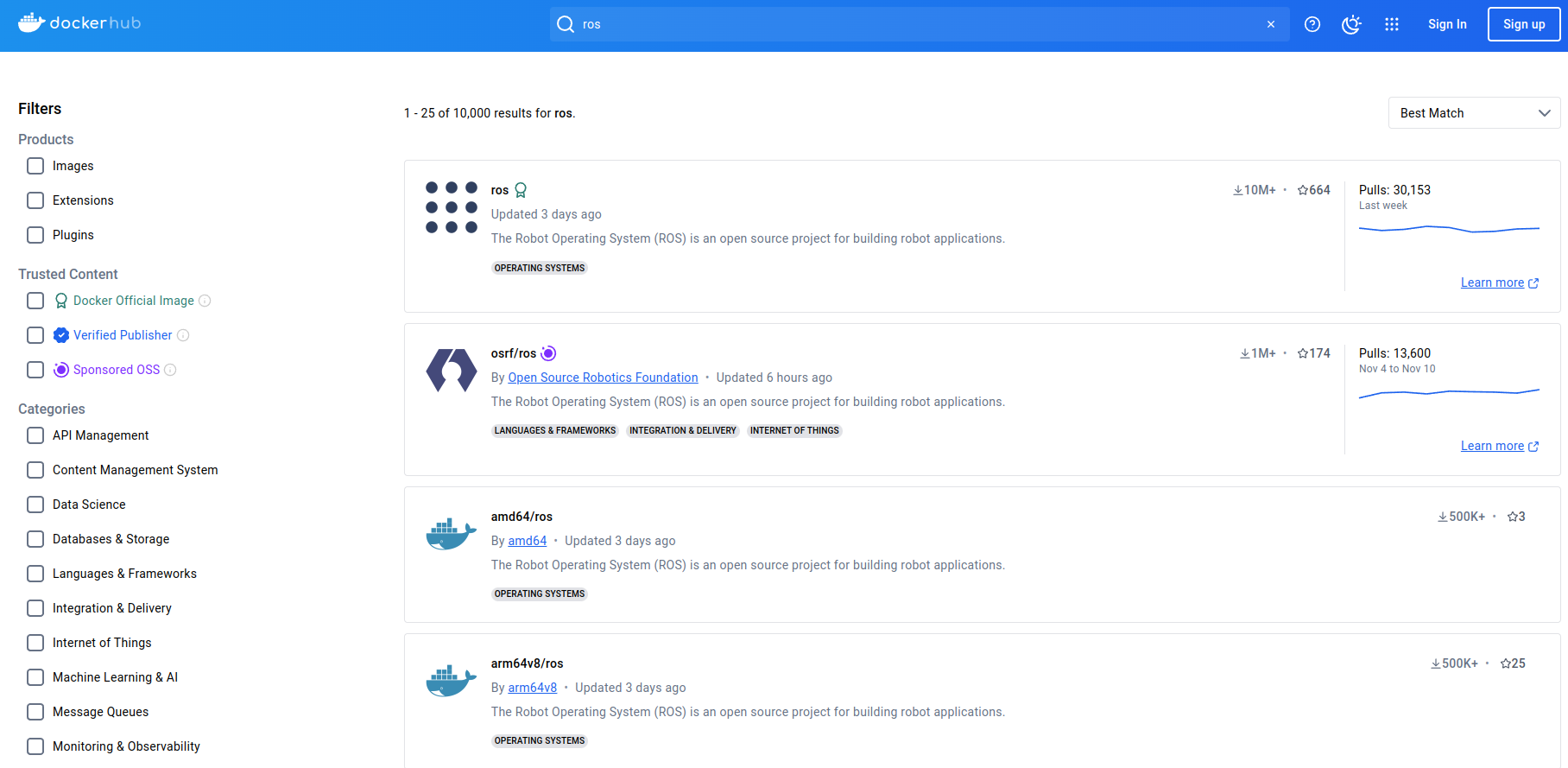
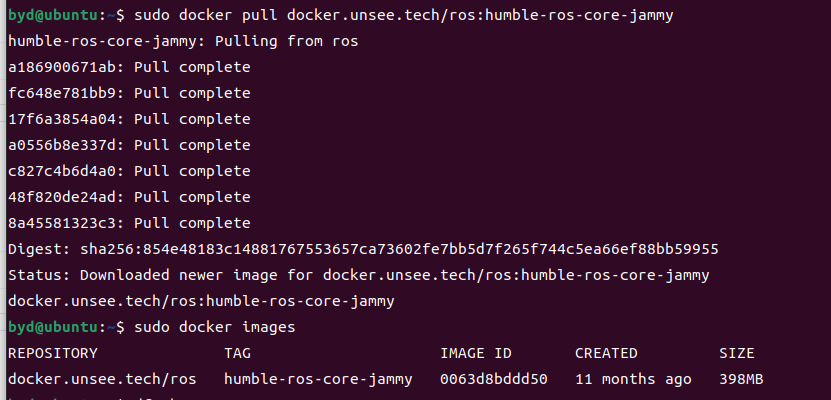
Docker

1. 从官网下载Ubuntu 22.04 + ros2 镜像:

官网hub.docker.com下输入ros,选择平台版本

sudo docker pull docker.unsee.tech/ros:humble-ros-core-jammy 下载镜像



cat /etc/group

查看docker组

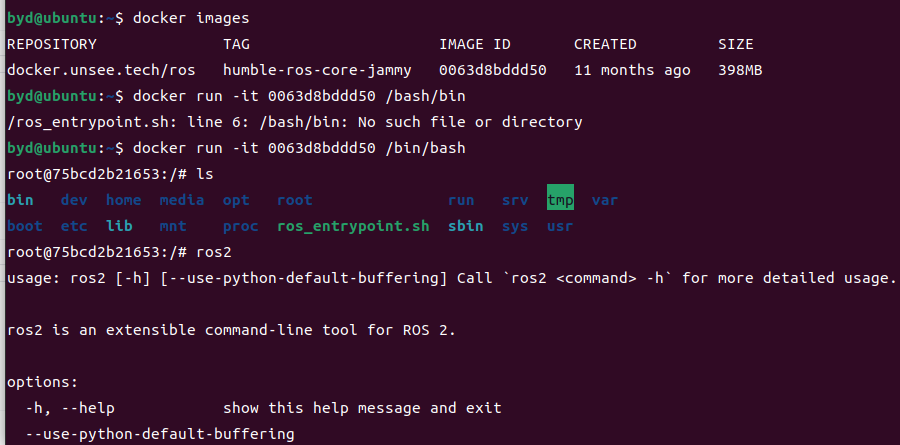
docker:x:136:

加入到docker组中

sudo gpasswd -a byd docker

newgrp docker

刷新

apt update

安装vim

apt install vim

安装colcon

apt install python3-colcon-common-extensions

安装gcc

apt install gcc

安装 g++

apt install g++

安装make --否则会提示找不到　No CMAKE\_C\_COMPILER could be found**.**

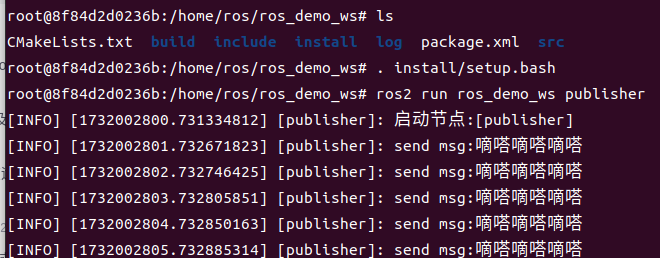
设置好环境变量

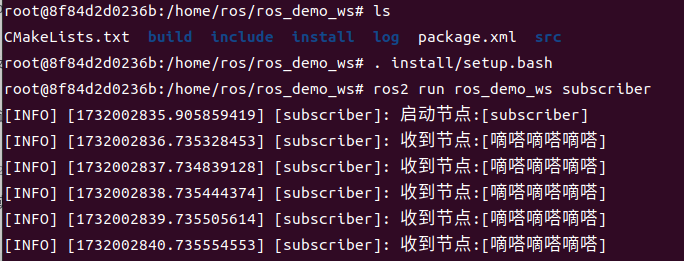
在 .bashrc下新增

source /opt/ros/humble/setup.bash

验证安装

ros2 pkg create ros\_demo\_ws --build-type ament\_cmake --dependencies rclcpp





python 版本:

ros2 pkg create py\_demo\_ws --build-type ament\_python --dependencies rclpy --node-name py\_demo

import rclpy

def main():

# 初始化 ROS2

rclpy.init()

# 创建节点

node = rclpy.create\_node("helloworld\_py\_node")

# 输出文本

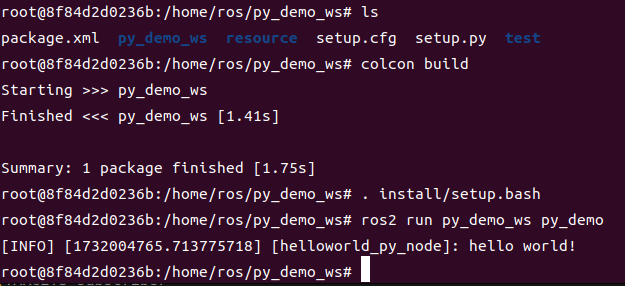
node.get\_logger().info("hello world!")

# 释放资源

rclpy.shutdown()

if \_\_name\_\_ == '\_\_main\_\_':

main()



安装wget

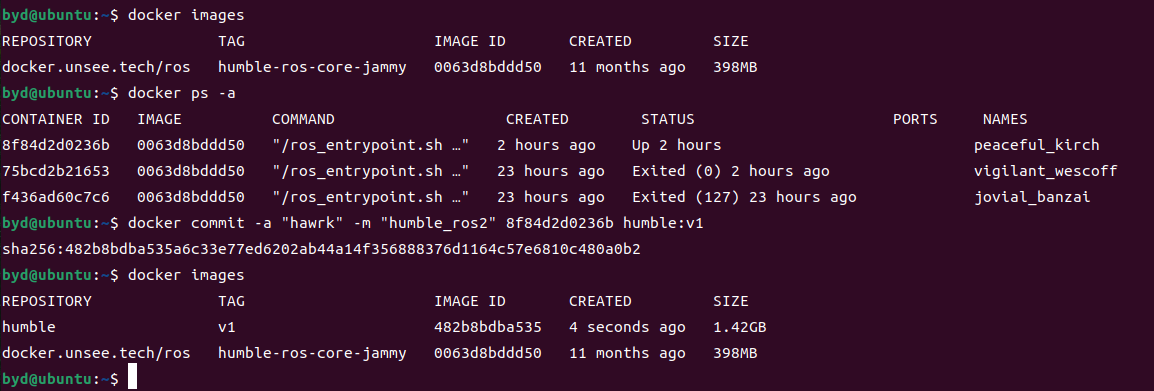
下载　mini　conda　文件

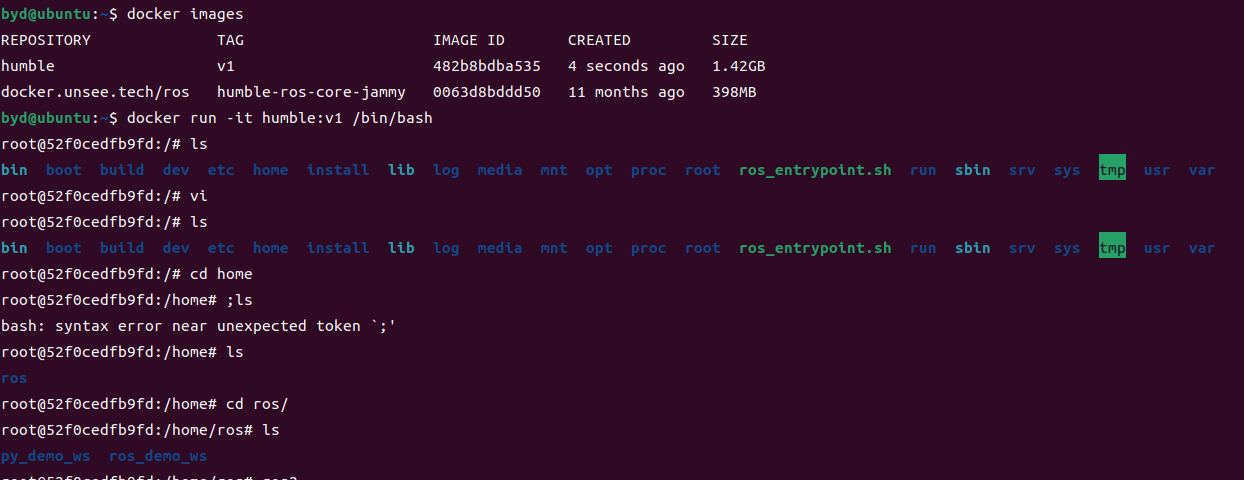


docker 在退出来,状态已经变成了exit, 直接docker ps 是看不到的,需要 docker ps -a

然后要启动该窗口 先docker start [containerID]

然后 docker exec -it [containerID] /bin/bash



cd

