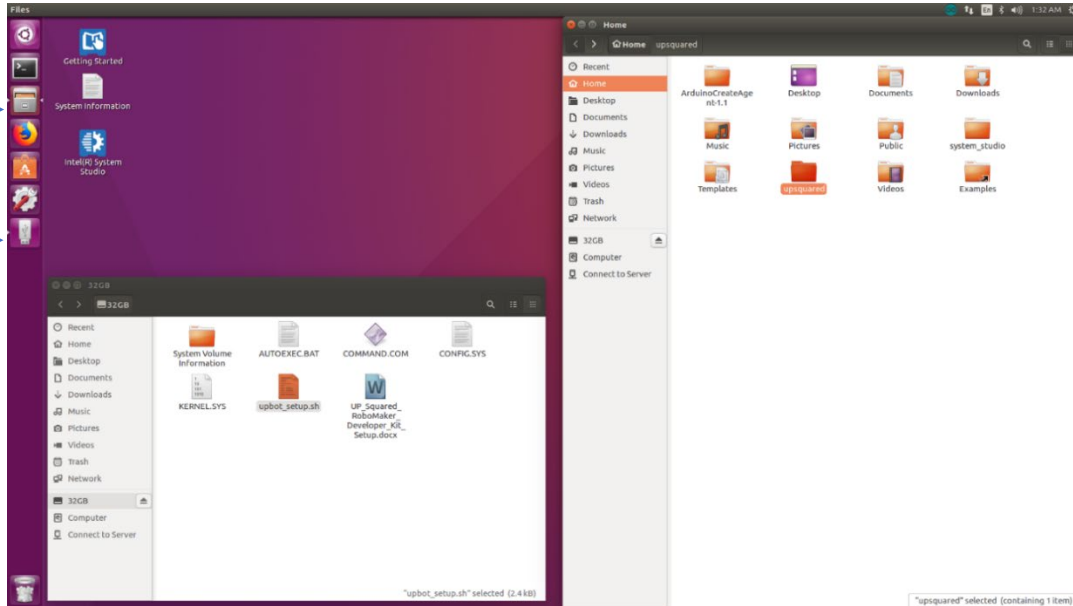


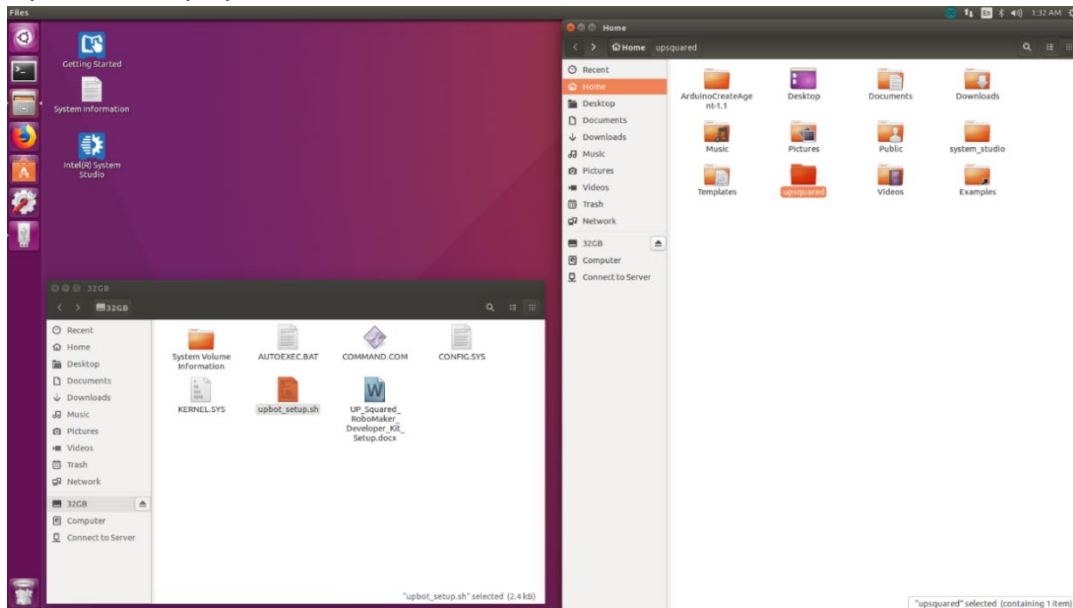
Developer Kit Setup

- **Log-in Password: upsquared**
- **Password for sudo command: upsquared**

1. Open USB and Home folder



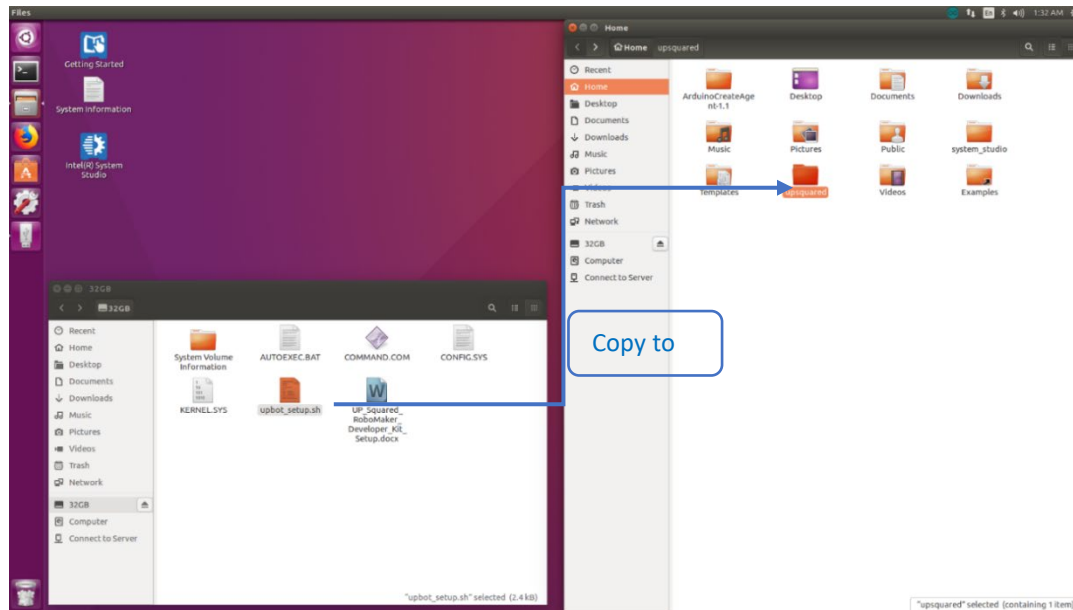
2. Open folder upsquared under Home folder



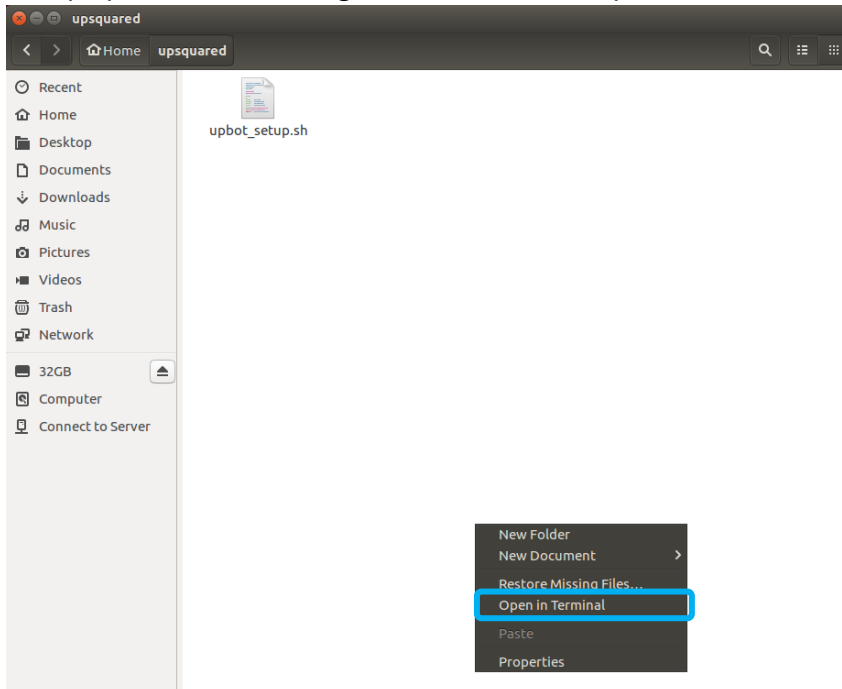
3. Copy upbot_setup.sh from the USB stick to the home directory: /home/upsquared/

For more information about your UP board, software, accessories and peripherals, please visit
www.up-community.org

UP2 Robomaker Developer Kit Setup guide



4. Go upsquared folder → Right click → click on Open in Terminal



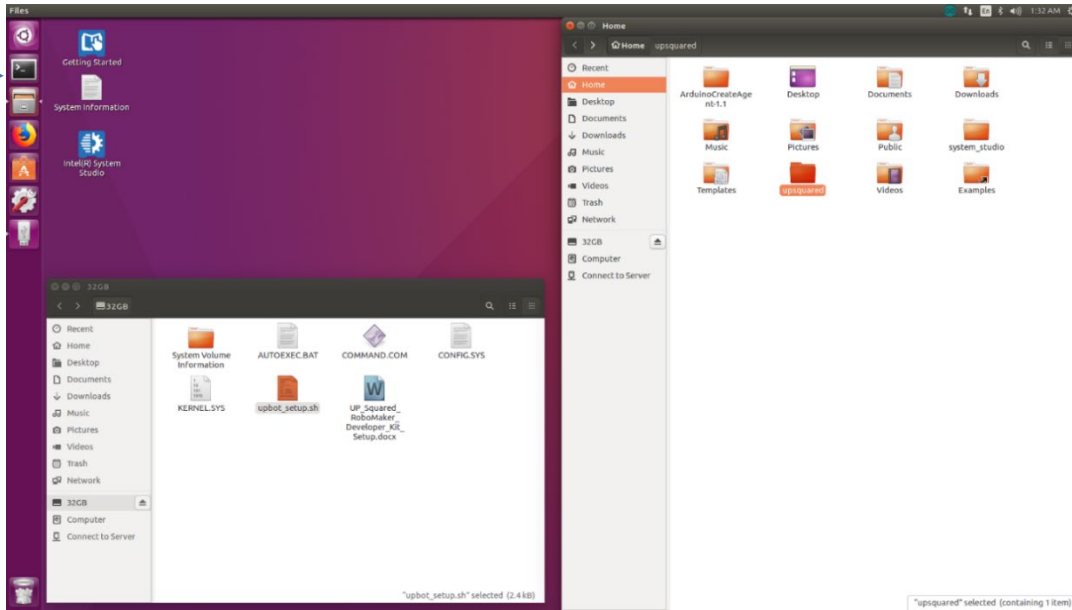
5. Enter the following commands
 - a) `sudo chmod +x upbot_setup.sh`
 - b) `./upbot_setup.sh`

Note: the Install script will ask you for the upsquared password and to approve some steps. Once completed the system will reboot

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6. Once the system is rebooted open a terminal

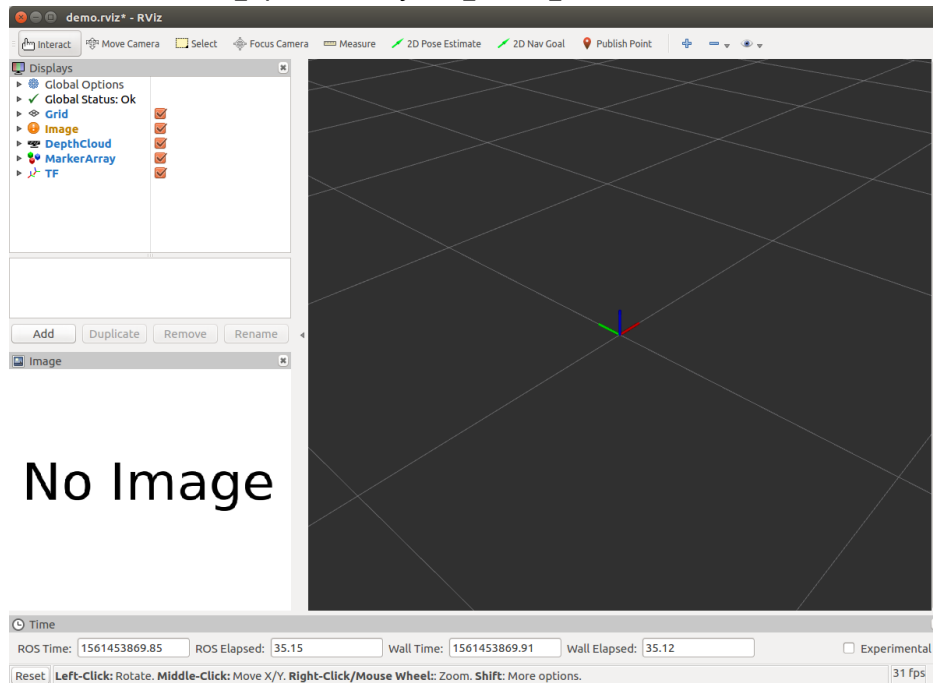
Terminal



7. To test RealSense and OpenVINO with ROS run the following command:

c) `cd ~/catkin_ws`

d) `roslaunch ros_opencvino myriad_demo_realsense.launch`



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8. To test UP Squared Leds support with ROS run the following command:
 - e) `cd ~/catkin_ws`
 - f) `roslaunch upboard_ros led_test.launch`
9. The system is now fully setup with ROS and UPBot dependencies, you can follow the tutorial on how to use the kit with RoboMaker from the wiki on Github:
 - g) https://github.com/AAEONAEU-SW/upbot_ros/wiki
10. You can also run the applications provided with the Kit from the following page:
 - h) https://github.com/AAEONAEU-SW/upbot_ros/wiki/ROS-launchs