

Update system

Update system

The `/etc/apt/source.list` file stores the software source list of the `apt` command. Before installing the software, you need to update the package list through the `apt` command.

- First open the terminal command line and enter the following command:

```
sudo apt update
```

```
sunrise@ubuntu:~$ sudo apt update
Hit:1 http://archive.d-robotics.cc/ubuntu-rdk-x5 jammy InRelease
Get:2 http://packages.ros.org/ros2/ubuntu jammy InRelease [4,682 B]
Hit:3 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy InRelease
Get:4 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-security InRelease [129 kB]
Get:5 http://packages.ros.org/ros2/ubuntu jammy/main arm64 Packages [1,580 kB]
Get:6 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-updates InRelease [128 kB]
Get:7 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-backports InRelease [127 kB]
Get:8 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-security/main arm64 DEP-11 Metadata [43.1 kB]
Get:9 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-security/restricted arm64 DEP-11 Metadata [208 B]
Get:10 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-security/universe arm64 DEP-11 Metadata [126 kB]
Get:11 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-security/universe DEP-11 48x48 Icons [83.4 kB]
Get:12 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-security/universe DEP-11 64x64 Icons [124 kB]
Get:13 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-security/multiverse arm64 DEP-11 Metadata [208 B]
Get:14 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-updates/main arm64 Packages [1,858 kB]
Get:15 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-updates/main arm64 DEP-11 Metadata [103 kB]
Get:16 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-updates/restricted arm64 DEP-11 Metadata [212 B]
Get:17 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-updates/universe arm64 Packages [1,090 kB]
Get:18 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-updates/universe arm64 DEP-11 Metadata [353 kB]
Get:19 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-updates/universe DEP-11 48x48 Icons [248 kB]
Get:20 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-updates/universe DEP-11 64x64 Icons [401 kB]
Get:21 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-updates/multiverse arm64 DEP-11 Metadata [212 B]
Get:22 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-backports/main arm64 DEP-11 Metadata [3,580 B]
Get:23 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-backports/main DEP-11 48x48 Icons [14.6 kB]
Get:24 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-backports/main DEP-11 64x64 Icons [19.4 kB]
Get:25 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-backports/restricted arm64 DEP-11 Metadata [216 B]
Get:26 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-backports/universe arm64 DEP-11 Metadata [22.7 kB]
Get:27 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-backports/universe DEP-11 48x48 Icons [20.1 kB]
Get:28 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-backports/universe DEP-11 64x64 Icons [32.0 kB]
Get:29 http://mirrors4.tuna.tsinghua.edu.cn/ubuntu-ports jammy-backports/multiverse arm64 DEP-11 Metadata [212 B]
Fetched 6,512 kB in 18s (368 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
46 packages can be upgraded. Run 'apt list --upgradable' to see them.
sunrise@ubuntu:~$
```

- Upgrade all installed packages to the latest version with the following command:

```
sudo apt full-upgrade
```

Note: It is recommended to use the `full-upgrade` option instead of the `upgrade` option, so that when related dependencies change, the dependent packages will also be updated synchronously.

- After executing the `apt full-upgrade` command, the driver, kernel files and some system software may be reinstalled. It is recommended that users manually restart the device for the update to take effect. The command is as follows:

```
sudo reboot
```