

## Exercise 2: Make a Ventoy drive under Linux

If you are a Linux user you will need to download the latest [tar.gz file](#) (e.g. ventoy-1.0.79-linux.tar.gz) and extract the contents.

Name	Size	Packed Size	Modified
[WebUI]	1 622 378	1 630 208	2021-12-12 11:13
ventoy	12 597 755	12 598 272	2021-12-12 11:14
tool	6 010 980	6 022 656	2021-12-12 11:14
plugin	266 511	274 944	2021-12-12 11:13
boot	455 696	456 192	2021-12-12 11:13
VentoyWeb.sh	2 963	3 072	2021-12-12 11:13
VentoyGUI.x86_64	32 536	32 768	2021-12-12 11:13
VentoyGUI.mips64el	41 256	41 472	2021-12-12 11:13
VentoyGUI.i386	26 352	26 624	2021-12-12 11:13
VentoyGUI.aarch64	34 248	34 304	2021-12-12 11:13
Ventoy2Disk.sh	1 759	2 048	2021-12-12 11:13
README	2 175	2 560	2021-12-12 11:13
ExtendPersistentImg.sh	2 579	3 072	2021-12-12 11:13
CreatePersistentImg.sh	2 263	2 560	2021-12-12 11:13

There are two GUI mode programs you can choose from:

Method 1: [Linux GUI \(GTK/QT\)](#) recommended - see table below.

Method 2: [Linux GUI \(WebUI\)](#) VentoyWeb.sh (browser based).

Architecture	GTK2	GTK3	QT5	File	Notes
x86_64	✓	✓	✓	VentoyGUI.x86_64	For most commonly x86 64-bit OS
i386	✓	✓	✓	VentoyGUI.i386	For x86 32-bit OS
arm64		✓	✓	VentoyGUI.aarch64	For ARM64 OS like Phytium/Kunpeng
mips64el		✓	✓	VentoyGUI.mips64el	For Loongson 3A MIPS OS

or you can use command line script 'Ventoy2Disk.sh'...

### ***Ventoy2Disk.sh***

1. Download the installation package, like `ventoy-x.x.xx-linux.tar.gz` and decompress it.
2. Use a command such as `df` or `fdisk -l` to view your disk drive device names.
3. Run the shell script `Ventoy2Disk.sh` as root

```
sudo sh Ventoy2Disk.sh { -i | -I | -u } /dev/XXX
```

where XXX is the USB device, for example **`/dev/sdb`** (do not specify a partition number).

```
Ventoy2Disk.sh CMD [ OPTION ] /dev/sdX
```

CMD:

- i install ventoy to sdX (fail if disk already installed with ventoy)
- I force install ventoy to sdX (no matter installed or not)
- u update ventoy in sdX
- l list Ventoy information in sdX

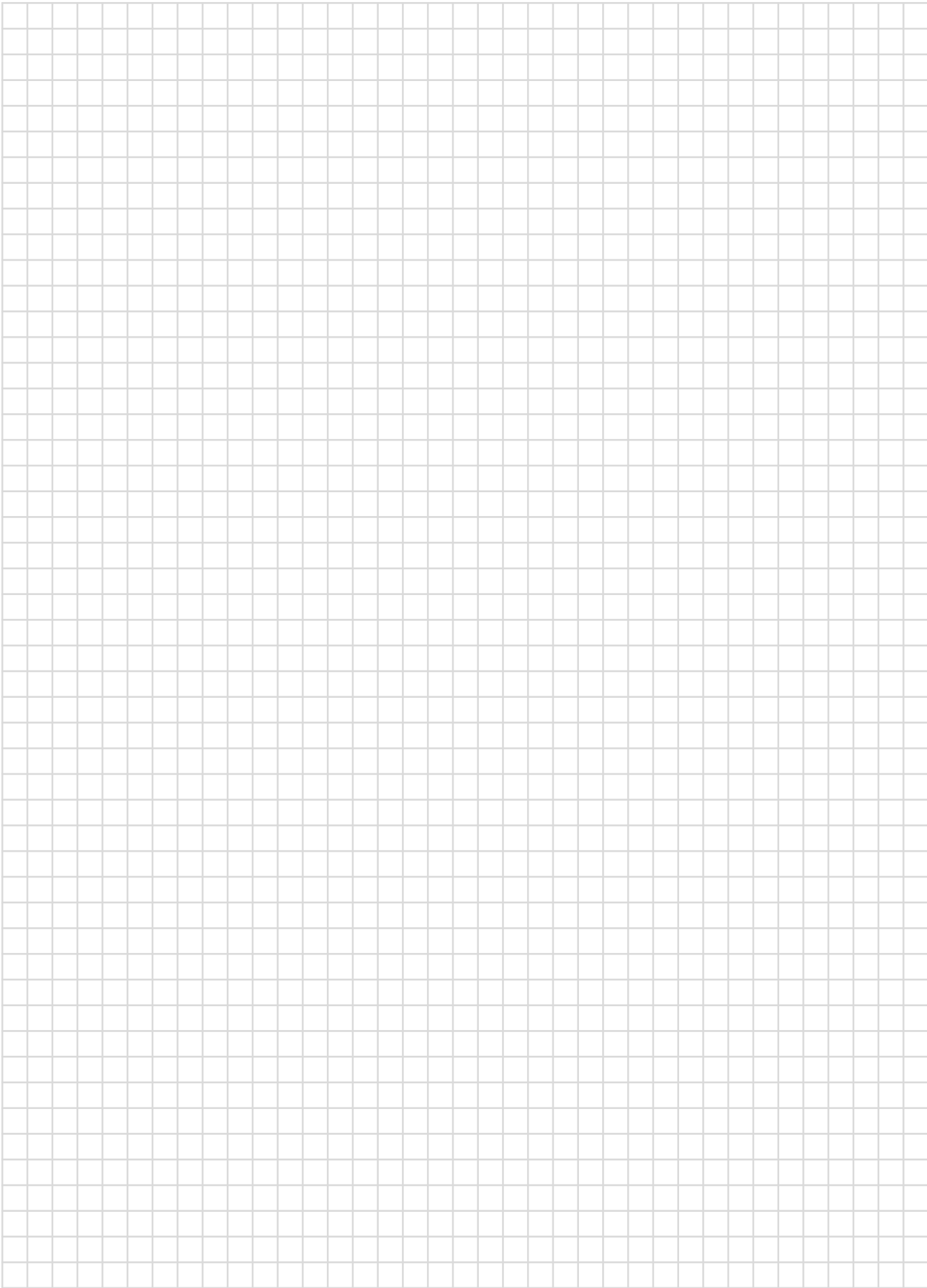
OPTION: (optional)

- r SIZE\_MB preserve some space at the bottom of the disk (only for install)
- s enable secure boot support (default is disabled)
- g use GPT partition style, default is MBR style (only for install)
- L Label of the main partition (default is Ventoy)

You can precede the command with 'sudo' to run as root (depending on your distro) or use 'su -' first.

For more details see the Ventoy website [here](#).

# NOTITIES



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