UART Log Viewer — Installation Guide

This guide explains how to install **UART Log Viewer** on Ubuntu, macOS, and Windows. No Qt or Python is required for end users.

Build From Source (All Platforms)

Use this only if you want to build the installers yourself.

1) Clone the repo

```
git clone https://github.com/jay28panchal/uart-log-viewer.git
cd uart-log-viewer
```

2) Build installers

Choose your platform below.

Ubuntu 20.04+ (Minimum)

Install

Recommended (No extra installs): AppImage 1. Download the AppImage (example: `uart-log-viewer_1.0.2-x86_64.AppImage`). 2. Right-click the file → **Properties** → enable **Allow executing file as program**. 3. Double-click to run.

Alternative: DEB (build locally) If you prefer a `.deb`, build it locally from source (see below).

AppImage (Terminal)

```
chmod +x uart-log-viewer_1.0.2-x86_64.AppImage
./uart-log-viewer_1.0.2-x86_64.AppImage
```

DEB (Terminal, build locally)

```
./scripts/build-qt-linux.sh
sudo apt-get install ./dist/uart-log-viewer_1.0.2_amd64.deb
```

Download From GitHub (Terminal)

Replace `<version>` with the release tag (example: `v1.0.2`).

```
curl -L -o uart-log-viewer_1.0.2-x86_64.AppImage \
  https://github.com/jay28panchal/uart-log-viewer/releases/download/<version>/uart-log-viewe
chmod +x uart-log-viewer_1.0.2-x86_64.AppImage
./uart-log-viewer_1.0.2-x86_64.AppImage
```

```
# Optional .deb (build locally):
./scripts/build-qt-linux.sh
sudo apt-get install ./dist/uart-log-viewer_1.0.2_amd64.deb
```

Launch

Open the application menu and run **UART Log Viewer**.

If You See "Qt_6.5 not found"

You installed a package built against a newer Qt than your system provides. Download the latest `.deb` from **GitHub Releases** and reinstall it; it is built against the system Qt version. If you still see the error, install the Qt 6 runtime packages:

```
sudo apt-get install -y libqt6core6 libqt6gui6 libqt6widgets6 libqt6serialport6
```

Upgrading From Older Versions

If you already have an older version installed, installing the new `.deb` will **upgrade** it automatically. If you used the older Python/Tkinter package (`uart-tabs`), the new package will replace it.

Build AppImage (From Source)

From the repo folder:

```
./scripts/build-qt-linux-appimage.sh
```

Then run the generated AppImage from `dist/`.

Build DEB (From Source)

From the repo folder:

```
./scripts/build-qt-linux.sh
```

Then install the generated `.deb` from `dist/`.

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macOS 12+ (Minimum)

Install

1. Download `UART-Log-Viewer.dmg`.
2. Double-click the `.dmg`.
3. Drag **UART Log Viewer** into **Applications**.

Download From GitHub (Terminal)

Replace `<version>` with the release tag (example: `v1.0.2`).

```
curl -L -o UART-Log-Viewer.dmg \
  https://github.com/jay28panchal/uart-log-viewer/releases/download/<version>/UART-Log-Viewe
open UART-Log-Viewer.dmg
```

Launch

Open **Applications** and run **UART Log Viewer**.

Build Installer (From Source)

From the repo folder:

```
./scripts/build-qt-mac.sh
```

Then open `dist/UART-Log-Viewer.dmg` and drag the app into **Applications**.

Notes

If macOS blocks the app: 1. Go to **System Settings -> Privacy & Security**.
2. Click **Open Anyway** for UART Log Viewer.

Windows 10+ (Minimum)

Install

1. Download `UART-Log-Viewer-Setup.exe`.
2. Double-click the installer and follow the wizard.

Download From GitHub (PowerShell)

Replace `<version>` with the release tag (example: `v1.0.2`).

```
Invoke-WebRequest -Uri "https://github.com/jay28panchal/uart-log-viewer/releases/download/<v
Start-Process .\\UART-Log-Viewer-Setup.exe
```

Launch

Use Start Menu or Desktop shortcut (if chosen during install).

Build Installer (From Source)

From the repo folder (PowerShell):

```
./scripts/build-qt-win.ps1
```

Then open `dist\\UART-Log-Viewer-Setup.exe` and follow the wizard.

USB Driver Notes (All Platforms)

If no serial ports appear, you may need a USB-serial driver: - CP210x (Silicon Labs) - CH340 (WCH) - FTDI

Install the correct driver for your device, then replug the USB cable.