🏠 / lidarr / installation / linux

Lidarr Linux Installation

Linux installation guide for Lidarr

Linux

Debian / Ubuntu

> ℹ️   Note: Raspberry Pi OS and Raspbian are both flavors of Debian

Easy Install

For the Debian / Ubuntu / Raspbian beginners there isn't an Apt Repository or Deb package.

If you want an easy life, follow this community provided and maintained `Easy Install` script for a base Debian (Raspbian / Raspberry Pi OS) / Ubuntu install.

For the official installation instructions that are 'Hands on' follow the [Debian / Ubuntu Hands on Install](#) steps further below.

[Please see the *Arr Community Installation Script](#)

Debian / Ubuntu Hands on Install

It is assumed you have a basic knowledge of linux or the ability to google / learn as necessary. Otherwise it is suggested to use an OS you know and understand

You'll need to install the binaries using the below commands.

> ✓   The steps below will download Lidarr and install it into `/opt`
>   Lidarr will run under the user `lidarr` and group `media`
>   Lidarr's configuration files will be stored in `/var/lib/lidarr`

▶ Ensure you have the required prerequisite packages:

```
1 │ sudo apt install curl mediainfo sqlite3 libchromaprint-tools
```

> ⚠ Warning: Ignoring the below prerequisites will result in a failed installation and non-functional application.

> ✓ **Installation Prerequisites**
> The below instructions are based on the following prerequisites. Change the instructions as needed to suit your specific needs if necessary.
> * The user `lidarr` is created
> * The user `lidarr` is part of the group `media`
> * Your download clients and media server run as and are a part of the group `media`
> * Your paths used by your download clients and media server are accessible (read/write) to the group `media`
> * You created the directory `/var/lib/lidarr` and ensured the user `lidarr` has read/write permissions for it

> ⚠ By continuing below, you acknowledge that you have read and met the above requirements.

▶ Download the correct binaries for your architecture.

   ▶ You can determine your architecture with `dpkg --print-architecture`

      ▶ AMD64 use `arch=x64`

      ▶ ARM, armf, and armh use `arch=arm`

      ▶ ARM64 use `arch=arm64`

```
1  wget --content-disposition 'http://lidarr.servarr.com/v1/update/master/updatefile
```

▶ Uncompress the files:

```
1  tar -xvzf Lidarr*.linux*.tar.gz
```

▶ Move the files to `/opt/`

```
1  sudo mv Lidarr/ /opt
```

> ⊗ This assumes you have created the user and will run as the user `lidarr` and group `media`.
> You may change this to fit your usecase. It's important to choose these correctly to avoid permission
> issues with your media files. We suggest you keep at least the group name identical between your
> download client(s) and Lidarr.

▶ Ensure ownership of the binary directory.

```
1  sudo chown -R lidarr:media /opt/Lidarr
```

▶ Configure systemd so Lidarr can autostart at boot.

> ⊗ The below systemd creation script will use a data directory of `/var/lib/lidarr`. Ensure it
> exists or modify it as needed. For the default data directory of
> `/home/$USER/.config/Lidarr` simply remove the `-data` argument. Note: that
> `$USER` is the User Lidarr runs as and is defined below.

```
1   cat << EOF | sudo tee /etc/systemd/system/lidarr.service > /dev/null
2   [Unit]
3   Description=Lidarr Daemon
4   After=syslog.target network.target
5   [Service]
6   User=lidarr
7   Group=media
8   Type=simple
9
10  ExecStart=/opt/Lidarr/Lidarr -nobrowser -data=/var/lib/lidarr/
11  TimeoutStopSec=20
12  KillMode=process
13  Restart=on-failure
14  [Install]
15  WantedBy=multi-user.target
16  EOF
```

▶ Reload systemd:

```
1  sudo systemctl -q daemon-reload
```

▶ Enable the Lidarr service:

```
1   sudo systemctl enable --now -q lidarr
```

▶ (Optional) Remove the tarball:

```
1   rm Lidarr*.linux*.tar.gz
```

Typically to access the Lidarr web GUI browse to `http://{Your server IP Address}:8686`

If Lidarr did not appear to start, then check the status of the service:

```
1   sudo journalctl --since today -u lidarr
```

Uninstall

To uninstall and purge:

> ❌ Warning: This will destroy your application data.

```
1   sudo systemctl stop lidarr
2   sudo rm -rf /opt/Lidarr
3   sudo rm -rf /var/lib/lidarr
4   sudo rm -rf /etc/systemd/system/lidarr.service
5   sudo systemctl -q daemon-reload
```

To uninstall and keep your application data:

```
1   sudo systemctl stop lidarr
2   sudo rm -rf /opt/Lidarr
3   sudo rm -rf /etc/systemd/system/lidarr.service
4   sudo systemctl -q daemon-reload
```

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