

Radarr Linux Installation

Linux installation guide for Radarr

Linux

Debian / Ubuntu



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](#)



Radarr uses a bundled version of ffmpeg for media file analysis and does not require ffmpeg or ffmpeg to be installed on the system. If Radarr says ffmpeg is not found this can typically be fixed with a reinstall.

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 the stable version (`master` release branch) Radarr and install it into `/opt`

Radarr will run under the user `radarr` and group `media`; `media` is the commonly suggested group to run the *Arrs, download clients, and media server under.

Radarr's configuration files will be stored in `/var/lib/radarr`

- Ensure you have the required prerequisite packages:

```
1 | sudo apt install curl sqlite3
```

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 `radarr` is created
- * The user `radarr` 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/radarr` and ensured the user `radarr` has read/write permissions for it for it
- * Previous/existing installations were using the `master` release branch noted on the [FAQ](#) or you update `master` in the download URL



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://radarr.servarr.com/v1/update/master/updatefile
```

- Uncompress the files:

```
1 | tar -xvzf Radarr*.linux*.tar.gz
```

- Move the files to `/opt/`

```
1 | sudo mv Radarr /opt/
```



Note: This assumes you will run as the user `radarr` 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 Radarr.

- Ensure ownership of the binary directory.

```
1 | sudo chown radarr:radarr -R /opt/Radarr
```

- Configure systemd so Radarr can autostart at boot.



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

```
1 | cat << EOF | sudo tee /etc/systemd/system/radarr.service > /dev/null
2 | [Unit]
3 | Description=Radarr Daemon
4 | After=syslog.target network.target
5 | [Service]
6 | User=radarr
7 | Group=media
8 | Type=simple
9 |
10 | ExecStart=/opt/Radarr/Radarr -nobrowser -data=/var/lib/radarr/
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 Radarr service:

```
1 | sudo systemctl enable --now -q radarr
```

- (Optional) Remove the tarball:

```
1 | rm Radarr*.linux*.tar.gz
```

Typically to access the Radarr web GUI browse to `http://{Your server IP Address}:7878`



Radarr uses a bundled version of ffprobe for media file analysis and does not require ffprobe or ffmpeg to be installed on the system. If Radarr says Ffprobe is not found this can typically be fixed with a reinstall.

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

```
1 | sudo journalctl --since today -u radarr
```

Uninstall

To uninstall and purge:



Warning: This will destroy your application data.

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

To uninstall and keep your application data:

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

Powered by [Wiki.js](#)