

Step 1:

Go to <https://wiki.gnuradio.org/index.php/InstallingGR>

Click on the Radioconda link (<https://github.com/ryanvolz/radioconda>)

This link is the same for Windows and MacOS.

Platform	Method	GNU Radio version
Debian ≥12		Ubuntu 24.04: v3.10.9.2
Ubuntu ≥22.04	<code>sudo apt-get install gnuradio</code>	Ubuntu 22.04: v3.10.1.1
Linux Mint ≥21.1		Debian 12: v3.10.5.1
Raspberry Pi OS 64-bit ≥2021-10-30		Fedora 39: v3.10.6.0
Fedora ≥39	<code>sudo dnf install gnuradio</code>	Fedora 40: v3.10.9.2
Ubuntu 20.04 <small>Consider upgrading your Ubuntu</small>	<code>sudo add-apt-repository ppa:gnuradio/gnuradio-releases</code> <code>sudo apt-get update</code> <code>sudo apt-get install gnuradio python3-packaging</code>	v3.10.7.0
Ubuntu 22.04		
Other Linux Distros	<code>sudo {apt,dnf,yay,emerge,...} install gnuradio</code>	See this table
Windows	Download and install Radioconda by following the instructions at the link and launch "GNU Radio Companion" from the Start menu	v3.10.10.0
macOS	Download and install Radioconda by following the instructions at the link	

Step 2:

Scroll down

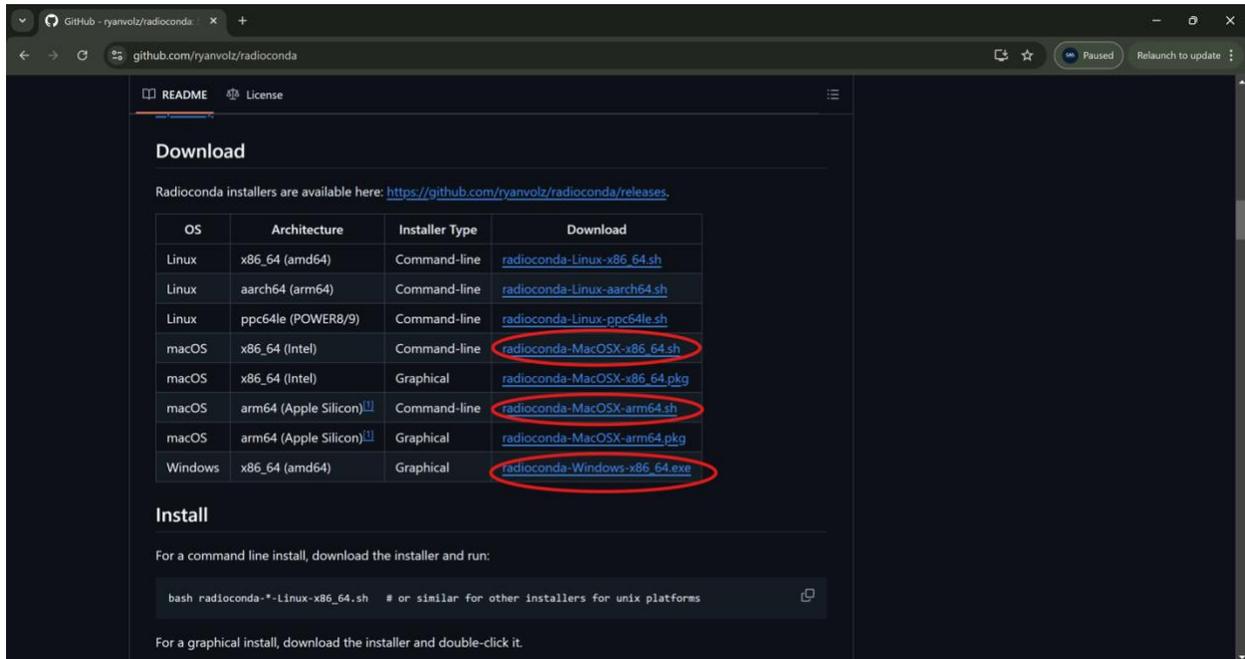
The screenshot shows the GitHub repository page for `ryanvolz/radioconda`. The repository is public and has 40 forks and 382 stars. The file list on the left includes:

- `main` (3 Branches, 27 Tags)
- `Update README` (9803415, 4 months ago, 179 Commits)
- `.github/workflows` (Update from deprecated actions, 4 months ago)
- `constructor/nsis` (Update NSIS template customization for latest constructor, 8 months ago)
- `installer_specs` (Re-render 2024.05.29, 4 months ago)
- `static` (Update README for clarity and add logo, 5 months ago)
- `gitattributes` (Switch to explicit lockfile and build metapackage from an en..., 3 years ago)
- `.gitignore` (Initial radioconda env file and render/build scripts, 3 years ago)
- `LICENSE` (Initial radioconda env file and render/build scripts, 3 years ago)
- `README.md` (Update README, 4 months ago)
- `build_installer.py` (Move NSIS patching to re-render and build from locked envir..., last year)
- `build_metapackage.py` (Add '-' separator to explicitly pass extra arguments to build..., 3 years ago)

The right side of the page shows the 'About' section, which includes the repository name, a description ('Software radio distribution and installer for conda'), and release information (27 releases, latest on May 29, 2024).

Step 3:

Depending on which computer you have, click one of these three download links.



Radioconda installers are available here: <https://github.com/ryanvolz/radioconda/releases>.

OS	Architecture	Installer Type	Download
Linux	x86_64 (amd64)	Command-line	radioconda-Linux-x86_64.sh
Linux	aarch64 (arm64)	Command-line	radioconda-Linux-aarch64.sh
Linux	ppc64le (POWER8/9)	Command-line	radioconda-Linux-ppc64le.sh
macOS	x86_64 (Intel)	Command-line	radioconda-MacOSX-x86_64.sh
macOS	x86_64 (Intel)	Graphical	radioconda-MacOSX-x86_64.pkg
macOS	arm64 (Apple Silicon)	Command-line	radioconda-MacOSX-arm64.sh
macOS	arm64 (Apple Silicon)	Graphical	radioconda-MacOSX-arm64.pkg
Windows	x86_64 (amd64)	Graphical	radioconda-Windows-x86_64.exe

Install

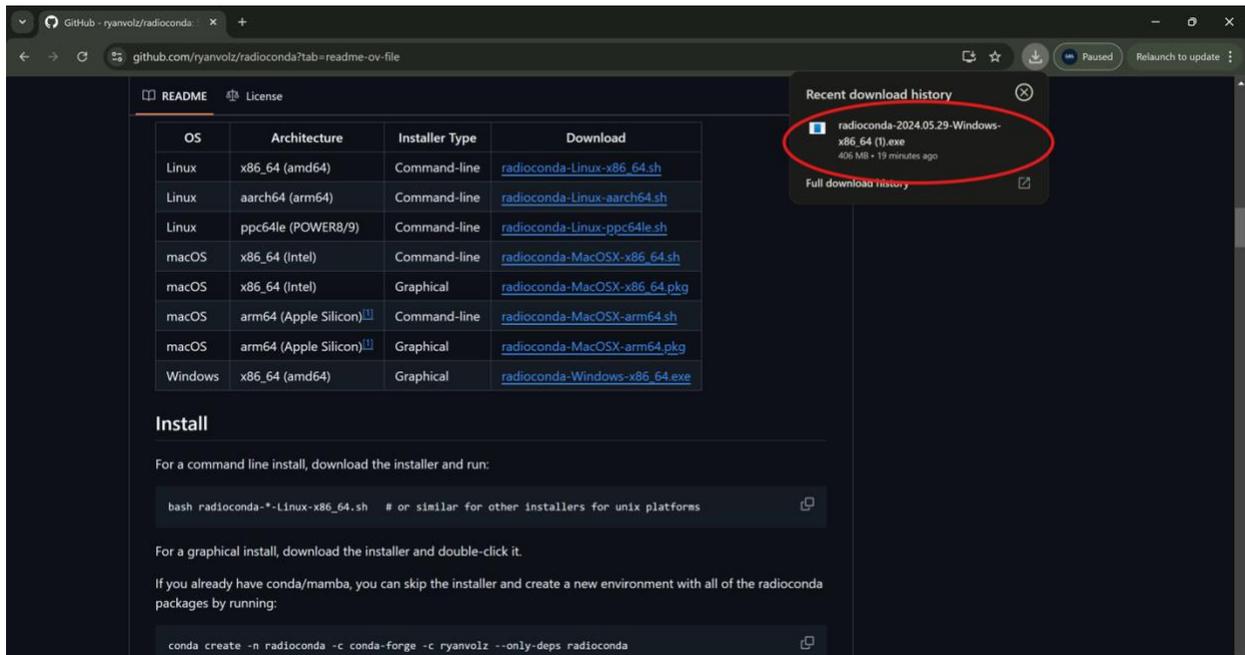
For a command line install, download the installer and run:

```
bash radioconda-*Linux-x86_64.sh # or similar for other installers for unix platforms
```

For a graphical install, download the installer and double-click it.

Step 4:

Open the .exe/.sh file



Recent download history

- radioconda-2024.05.29-Windows-x86_64 (1).exe
406 MB • 19 minutes ago

Full download history

OS	Architecture	Installer Type	Download
Linux	x86_64 (amd64)	Command-line	radioconda-Linux-x86_64.sh
Linux	aarch64 (arm64)	Command-line	radioconda-Linux-aarch64.sh
Linux	ppc64le (POWER8/9)	Command-line	radioconda-Linux-ppc64le.sh
macOS	x86_64 (Intel)	Command-line	radioconda-MacOSX-x86_64.sh
macOS	x86_64 (Intel)	Graphical	radioconda-MacOSX-x86_64.pkg
macOS	arm64 (Apple Silicon)	Command-line	radioconda-MacOSX-arm64.sh
macOS	arm64 (Apple Silicon)	Graphical	radioconda-MacOSX-arm64.pkg
Windows	x86_64 (amd64)	Graphical	radioconda-Windows-x86_64.exe

Install

For a command line install, download the installer and run:

```
bash radioconda-*Linux-x86_64.sh # or similar for other installers for unix platforms
```

For a graphical install, download the installer and double-click it.

If you already have conda/mamba, you can skip the installer and create a new environment with all of the radioconda packages by running:

```
conda create -n radioconda -c conda-forge -c ryanvolz --only-deps radioconda
```

For Windows continue to Step 5 W. For MacOS skip to page 5 and continue with Step 5 M.

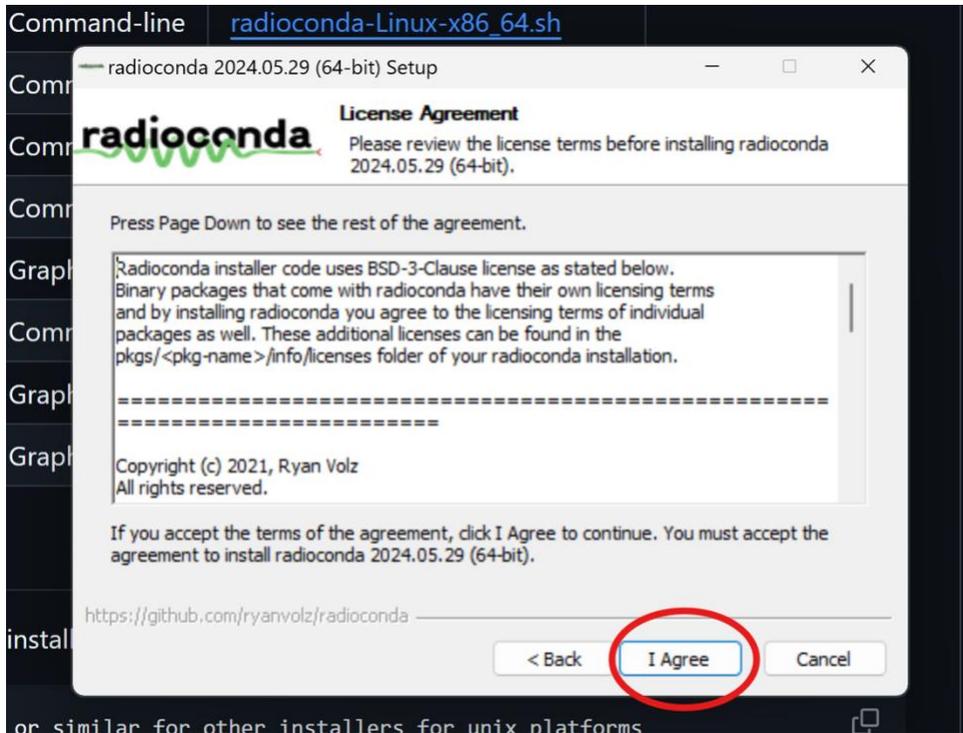
Step 5 W:

Click next



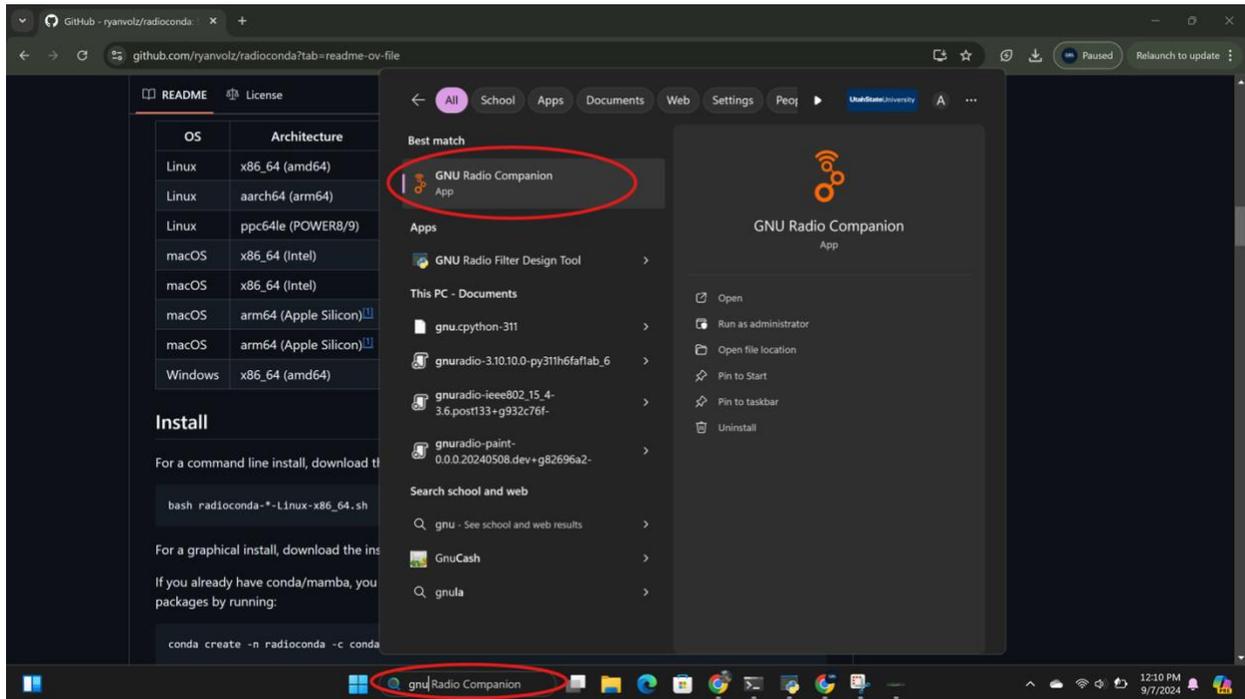
Step 6 W:

Click I Agree



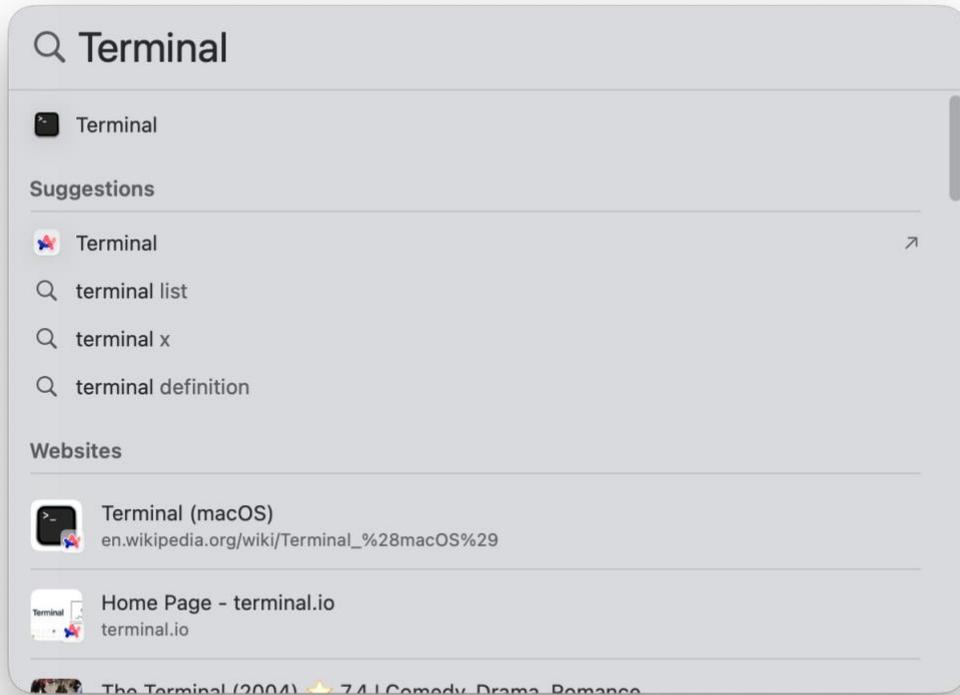
Step 7 W:

Run GNU Radio by looking up “GNU Radio Companion” in the search bar and clicking on the app. It may take a minute to open.



Step 5 M:

Open the Terminal App



Step 6 M:

Enter the “conda activate”



Step 7 M:

Enter the command “gnuradio-companion” to open GNU



```
cooperwayland — -zsh — 69x9  
[cooperwayland@CJs-MacBook-Air ~ % conda activate ]  
(base) cooperwayland@CJs-MacBook-Air ~ % gnuradio-companion
```