**🧠 ARIBrain Installation Guide**

This document outlines how to install and run the **ARIBrain** desktop application using pipx. The installer automatically sets up Python 3.10.14, creates a virtual environment, and compiles C++ extensions. Works on macOS and Linux.

**📦 Prerequisites**

* Python 3.10.14 (will be installed automatically via pyenv if missing)
* pipx (used to isolate app installs in their own environment)

**✅ 1. Install**

**pipx**

If you don’t already have pipx, install it like this:

python3 -m pip install --user pipx

python3 -m pipx ensurepath

Then **restart your shell** (close and reopen Terminal, or run exec "$SHELL").

**✅ 2. Install ARIBrain (One-liner)**

Run the following in your terminal:

curl -sSL https://raw.githubusercontent.com/AriBrain/ari-core/main/install.sh | bash

This will:

* Install pyenv (if missing)
* Install Python 3.10.14 (if missing)
* Create a dedicated environment named aribrain\_venv
* Use pipx to install ARIBrain from GitHub

**🚀 3. Run ARIBrain**

After installation, simply run:

aribrain

This launches the application GUI.

**🛠️ Optional: Reinstall or Clean Up**

If something goes wrong or you want to reset the installation:

pipx uninstall aribrain

rm -rf ~/.local/pipx/venvs/aribrain

rm -rf ~/.local/bin/aribrain

rm -rf ~/.pyenv/versions/3.10.14

**📁 Virtual Environment Location**

The app will be installed in:

~/.local/pipx/venvs/aribrain

The virtualenv uses Python 3.10.14 provided by pyenv, isolated from your system Python.

**🧩 Notes**

* The application is fetched from the GitHub repo: <https://github.com/AriBrain/ari-core>
* Make sure your system has a compiler installed (e.g., Xcode Command Line Tools on macOS).