

Installing the uAgents Framework

System Requirements

Fetch.ai's [uagents](#) Frameworks package is a Python library running on Ubuntu/Debian, MacOS, and Windows systems.

On your computer, you may need to install:

- [Python](#) (opens in a new tab)
- 3.8+.
- [PIP](#) (opens in a new tab)
- - the Python package manager.
- [Poetry](#) (opens in a new tab)
- for virtual environments (optional).
- [uAgents Framework](#) (opens in a new tab)

Install with Pip

1. Create a directory for your agents related project: `mkdir directory_name`
2. Within the directory, create and open a virtual environment using Poetry: `poetry init -n && poetry shell`
3. Install Fetch.ai uAgents Framework: `pip install uagents`
4. Check if installation was successful: `pip show uagents`

Install from source code

1. Download the latest released version from Github and navigate to the agents directory:
2. `git clone https`
3. `:`
4. `//`
5. `github`
6. `.`
7. `com`
8. `/`
9. `fetchai`
10. `/`
11. `uAgents`
12. `.`
13. `git`
14. `cd uAgents`
15. Install the required dependencies:
16. `poetry install`
17. Open the virtual environment:
18. `poetry shell`

Troubleshooting

It is possible that you may face issues during the installation process. Here, you can find common problems and their solutions.

Problem (MacOS/Python 3.11) :Installing coincurve (17.0.0): Failed

Solution : install the latest versions of `automake`, `autoconf`, and `libtool`: `brew install automake autoconf libtool` For any other problems, please let us know by creating an [issue](#) (opens in a new tab).

Simplified Installation for Windows users

Installing the uagents framework on a Windows machine is a straightforward process. The uagents framework is a Python package, so you'll need to have Python installed on your system before you can use it.

If you don't already have Python installed on your Windows machine, visit the official Python website at [Python](#) (opens in a new tab) and download the latest stable version of Python for Windows.

Run the downloaded installer executable file (e.g., `python-3.x.x.exe`).

During installation, make sure to check the box that says "Add Python X.X to PATH." This will automatically add Python to your system's PATH variable, making it easier to use from the command line.

Install uagents library using pip

Once you have Python installed and added to your PATH, follow these steps to install the uagents framework using pip:

1. To install using PIP open your terminal. To ensure that PIP (Python's package manager) is up-to-date, run the following command:
2. `python -m pip install --upgrade pip`
3. Now, you can install theuagents
4. framework by running the following command:
5. `pip install uagents`

PIP will download and install theuagents package and its dependencies. Wait for the process to complete. To verify the complete installation explore your terminal. As part of the installation you will see a message showcasing the completion of the installation as well as the exact version.

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