

## WeatherFrog Installation Guide

The installation guide for RasaPro and WeatherFrog is limited to using Visual Studio Code as a compiler. For more detailed information and for the installation in other environments please refer to <https://rasa.com/docs/rasa-pro/installation/python/environment-set-up>.

### Python and Environment:

- install python 3.10.9 or another version from 3.8 to 3.10
- upgrade pip using:  
> pip3 install -U pip
- create virtual environment, e.g.:  
> python -m venv ./venv
- activate environment

### Installing Rasa Pro and Licensing:

This guide will use pip for the installation. If you are using a dependency manager such as poetry please refer to Rasa CALM documentation.

- create a pip config file according to prerequisites:

For the file associated with your operating system user:

- Linux: `$HOME/.config/pip/pip.conf` or `$HOME/.pip/pip.conf`
- MacOS: `/Library/Application Support/pip/pip.conf` or `$HOME/.config/pip/pip.conf`
- Windows: `%APPDATA%\pip\pip.ini` or `%USERPROFILE%\pip\pip.ini`

For virtual environments:

- Linux and macOS: `$VIRTUAL_ENV/pip.conf`
- Windows: `%VIRTUAL_ENV%\pip.ini`

- within the file define:

[global]

extra-index-url = <https://europe-west3-python.pkg.dev/rasa-releases/rasa-pro-python/simple/>

- use rasa pro license to install by setting through terminal:

> export RASA\_PRO\_LICENSE=<your-license-string>

- now install rasa pro with

> pip install rasa-pro

Install dependencies if some are missing

### **OpenAI API and Open Weathermap API Setup**

- Set Open API to use LLM Command Generator by using shell:

> setx OPENAI\_API\_KEY <your-api-key>

- Weathermap is already set up in actions.py, insert your api key there in line 52

### **Train Model and Test Chatbot**

- to train the model use:

> rasa train

- when finished training, open a separate second terminal and run the actions there (must be a separate one):

> rasa run actions

- go back to the first terminal and test in separate browser:

> rasa inspect

- or test in terminal

> rasa shell

Thank you very much and have fun using WeatherFrog!