

# installing masonite on ubuntu 24

Installing the Masonite framework on Ubuntu 24.04 involves setting up Python dependencies, creating a virtual environment, and installing the framework using `pip`.

## Prerequisites

Before installing, ensure your Ubuntu system is updated and has the necessary development tools, Python, and `pip` installed.

### bash

```
sudo apt update
sudo apt install python3-dev python3-pip libssl-dev build-essential python3-venv
```

## Installation Steps

### Create a Project Directory

Navigate to the directory where you want to store your project:

### bash

```
mkdir ~/myapp
cd ~/myapp
```

### Set Up a Virtual Environment (Recommended)

Create and activate a virtual environment to avoid conflicts with system-wide packages:

### bash

```
python3 -m venv venv
source venv/bin/activate
```

### Install Masonite

Install the core Masonite framework:

### bash

```
pip install masonite
```

## Create a New Project

Initialize a new Masonite project in the current directory:

### bash

```
craft new
# or to specify a name
# project start my_project
```

## Install Project Dependencies

Install the dependencies listed in your project's `requirements.txt` file:

### bash

```
pip install -r requirements.txt
# Alternatively, if you used 'project start'
# project install
```

## Run the Server

Start the development server to confirm installation:

### bash

```
python craft serve
```

Access your application at `http://localhost:8000/`.

## Troubleshooting

**Command `craft` not found:** If the `craft` command is not recognized, ensure you are in the virtual environment. Alternatively, try running it with `python craft serve`.

**Permission Errors:** If you did not use a virtual environment, use the `--user` flag: `pip install masonite --user`

---

Revision #1

Created 26 January 2026 06:30:08 by AI Channel

Updated 26 January 2026 06:30:41 by AI Channel