





WEBdom Setup & Installation Guide

A practical guide to installing and running WEBdom

Compatible with Windows, Linux, and macOS

Requirements

Before starting, make sure you have:

-  **Docker** — To run the containers
-  **Git** — To clone the repository
-  **Internet connection** — To pull the required images
-  **Access to a terminal or PowerShell**


Windows Installation — Step 1

Install Docker Desktop

1. Visit <https://www.docker.com/products/docker-desktop/>
2. Download and install **Docker Desktop for Windows**
3. After installation, open **Docker Desktop**

Note:

If prompted, enable **WSL 2** and restart your computer.

✅ Once started, make sure the whale  icon in the taskbar says “**Docker Desktop is running**”.

Windows Installation — Step 2

Install Git

1. Go to <https://git-scm.com/downloads>
2. Download and install **Git for Windows**
3. When finished, open **PowerShell** or **Git Bash** and test:

```
git --version  
docker --version
```

If both commands return version numbers, you're ready.

Linux Installation

Install Docker and Git (Debian/Ubuntu-based)

Run the following in your terminal:

```
sudo apt update
sudo apt install -y docker.io docker-compose git
sudo systemctl enable docker
sudo systemctl start docker
```

Then check that everything works:

```
git --version
docker --version
```

macOS Installation

Install Docker and Git

1. Install Docker Desktop for Mac from <https://www.docker.com/products/docker-desktop/>
2. Install Git using Homebrew:

```
brew install git
```

Check both installations:

```
git --version  
docker --version
```

Step 1 — Clone the WEBdom Repository

Open your terminal and run:

```
git clone https://github.com/YOUR_USERNAME/webdom.git  
cd webdom
```

 This will create and enter the local project folder.

Step 2 — Start the WEBdom Service

Start Docker if it's not already running.

Then run the following commands:

```
docker compose build  
docker compose up -d
```

This will:

- Pull required images from Docker Hub
- Build and launch the WEBdom containers
- Run the service in the background

Step 3 — Access WEBdom

After setup, open your browser and visit:

```
http://localhost:8000
```

If another port was set in the `.env` file, use that instead.

Project Structure

```
webdom/
├── docker-compose.yml
├── .env
├── README.md
├── src/
│   ├── main/
│   └── config/
└── data/
```

 This structure helps you locate environment configs, code, and volumes easily.

Updating WEBdom

To update your local WEBdom setup:


```
git pull origin main  
docker compose pull  
docker compose up -d --build
```

This fetches the latest code and rebuilds containers seamlessly.

Uninstalling WEBdom

If you want to remove WEBdom completely:

```
docker compose down  
docker system prune -a --volumes
```

 This stops all containers and cleans up unused images and volumes.

License

This project is licensed under the **MIT License**.

You are free to use, modify, and distribute it with proper credit.

💡 Tips & Troubleshooting

- ✅ Ensure Docker Desktop is **running** before starting
- ⚙️ Run terminal or PowerShell as **Administrator** (Windows)
- 🧰 On Linux, use `sudo` if permission errors occur
- 🧠 Use `docker ps` to check if the containers are active

Summary

You've learned how to:

- Install Docker and Git
- Clone and run the WEBdom project
- Manage containers and updates
- Access WEBdom locally via your browser

 You're now ready to use WEBdom!

Connect with the Project

 GitHub: <https://github.com/Ca10-Z/webdom-setup>

 Docs: <https://docs.webodm.org>