

# Setting up ownCloud Web Development Environment on macOS with Docker

## Prerequisites

Ensure you have Docker, Docker-Compose, Node.js, and pnpm installed on your macOS system.

## Steps

### 1. Clone the Source Code:

Clone the ownCloud Web source code repository to your local machine.

### 2. Install Dependencies:

Open a terminal and navigate to the cloned repository. Run the following command to install dependencies and bundle the frontend code:

```
pnpm install  
pnpm build:w
```

### 3. Modify Hosts File:

Add an entry to the **/etc/hosts** file to allow communication with **host.docker.internal**:

bash

```
sudo nano /etc/hosts
```

Add the following line at the end of the file:

csharp

```
127.0.0.1 host.docker.internal
```

Save the file and exit the editor.

### 4. Start Docker Services:

Launch the Docker services by running the following command:

```
docker-compose up ocis
```

### 5. Access the Development Environment:

Once the services are up, you can access the ownCloud Web development environment via:

Arduino

```
https://host.docker.internal:9200
```

### 6. Log in and Explore:

Use the demo user credentials (admin/admin) to log in and explore the development environment.

### Notes

- This modification to the **/etc/hosts** file allows **host.docker.internal** to be accessible within Docker containers on your macOS system.
- Ensure you run **pnpm build:w** before starting the Docker services to ensure the bundled frontend code is available.

### Troubleshooting

If you encounter issues accessing **host.docker.internal**, double-check the **/etc/hosts** entry and ensure Docker services are running correctly.