

Welcome to Onyx

Quickstart

How to deploy Onyx on your local machine

Requirements

Git

Docker with compose (docker version >= 1.13.0)

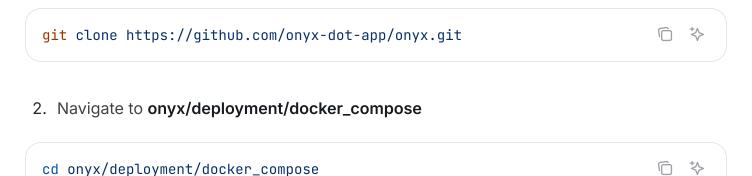
Setup



↑ The most common source of issues is under-resourcing. Before beginning, check the system. requirements here.

Note: This is just one way to run Onyx. Onyx can also be run on Kubernetes, there are provided Kubernetes manifests and Helm charts in the deployment directory.

1. Clone the Onyx repo:



3. (Optional) configure Onyx

1/3 https://docs.onyx.app/quickstart

4. Bring up your docker engine and run:
♣ onyx

To pull images from DockerHub and run Onyx:

```
docker compose -f docker-compose.dev.yml -p onyx-stack up -d --pull always --f
```

Alternatively, to build the containers from source and start Onyx, run:

```
docker compose -f docker-compose.dev.yml -p onyx-stack up -d --build -force-r
```

This may take 15+ minutes depending on your internet speed.

Additionally, once the images have been pulled / built, the initial startup of the api_server may take some time. If you see This site can't be reached in your browser despite all containers being up and running, check the api_server logs and make sure you see Application startup complete.

If you see **Killed** in the logs, you may need to increase the amount of memory given to Docker. For recommendations, check the system requirements **here**.

- ① These commands are also used to redeploy if any .env variables are updated
- 5. Onyx will now be running on http://localhost:3000.

Generative AI API Key

Note: On the initial visit, Onyx will prompt for a GenAl API key.

i For example, you can get an OpenAl API key at: https://platform.openai.com/account/api-keys

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Onyx relies on Generate AI models to provide parts of its functionality. You can choose any onyx LLM provider from the admin panel or even self-host a local LLM for a truely airgapped deployment.

>

Shutting Down

docker compose -f docker-compose.dev.yml -p onyx-stack down





(i) add -v at the end to additionally delete the volumes (containing users, indexed documents, etc.)

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Resourcing >

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https://docs.onyx.app/quickstart