

KONLA

Deployment Guide

Running the project locally (any OS)

What you will need

- Docker installed (<https://docs.docker.com/get-docker/>)
- Python

Setup

Firstly, download .zip folder and unpack it in desired directory or clone the project from the [GitHub repository](#).

To run the webserver, you will need to have **Docker** installed on your machine. Navigate to the project folder, open the terminal and follow these steps to start the production server locally:

Step 1 Build the docker image (this may take 10+ min depending on your setup)

```
docker build -t konla .
```

Step 2 Run the server using the safe port 443

```
docker run -p 443:443 -d konla
```

Step 3 Open the browser, navigate to <https://127.0.0.1>

Note: Some browsers may block the website due to security issues. For example, Google Chrome may show you a message: "Your connection is not private", but you can still click "Advanced" and then the label "Proceed to 127.0.0.1 (unsafe)" (see Figure on next page)

Click (1) "Advanced", then (2) Proceed to 127.0.0.1 (unsafe).



Your connection is not private

Attackers might be trying to steal your information from **127.0.0.1** (for example, passwords, messages or credit cards). [Learn more](#)

NET::ERR_CERT_AUTHORITY_INVALID



To get Chrome's highest level of security, [turn on enhanced protection](#)

1

Hide advanced

Back to safety

This server could not prove that it is **127.0.0.1**; its security certificate is not trusted by your computer's operating system. This may be caused by a misconfiguration or an attacker intercepting your connection.

2

[Proceed to 127.0.0.1 \(unsafe\)](#)

You should be able to see the application interface now and use the UI or the underlying API to analyse your research papers. For information on how to use KONLA, refer to User Manual.

Using project locally again

If you want to run the webserver again and did not remove the docker image from the first build, you can skip step 1 and follow steps 2 and 3 only.

Deploying the project online

[Ask Harry for instructions or explanation]