

# INSTALL

Full procedure to install the application into a server:

- Get the sources
- Configure
- Install
- Run

Special note on activating HTTPS

- Uninstall

## Get the sources

Download the project into the server:

- ZIP version [https://lab.driss.org/kalulu\\_team/kalulu/-/archive/master/kalulu-master.zip](https://lab.driss.org/kalulu_team/kalulu/-/archive/master/kalulu-master.zip)

## Configure

- Go into the directory and
- Edit the settings file in `settings.json` replacing by your parameters.

This configuration file simply consists of declaring the direction and server\_name for the 3 main web services:

- api
- front
- doc

Optionnaly you can change the database name, declare the server were to download the raw files, etc.. Consult settings.md to get the full details.

## Install

Execute `./install.sh`.

Setup will install the system dependencies, python package and deploy the vue application following the parameters defines in settings.json

Once your done and you want to secure application run `sudo certbot` to add certificates to the wanted domains if you want the change be effective restart services using `deploy.sh`

## Run

Populate the database for the first time by running the db/run.py script in the virtual environment

```
$ source .venv/bin activate
(venv) $ python db/run.py &
```

## Test and Enjoy

Test the availability of the 3 main services by consulting the different domains (adapt to your own domain name):

Consult the API page at <http://api.example.org> Consult the FRONT page <http://dashboard.example.org> Read the documentation <http://doc.ludoeducation.fr>

## ACTIVATE HTTPS

This procedure does no longer supports ssl and https at the installation steps.

Once you install the full system, to switch your domains names to HTTPS:

- download certbot with nginx `sudo apt-get install certbot python-certbot-nginx`
- create/renew the certificates (they will updated the existing nginx configuration of your domain) `sudo certbot`
- execute `.deploy.sh` This is a facility to rebuild the front app and restart the services (redis, nginx, supervisor)

## Uninstall

See procedure to remove application