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**Opinioxx**

**Chessmaster**

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## WELCOME TO THE OPINIOXX DOCUMENTATION!

**Warning:** This documentation is currently under development and will expand as the project grows. If you want to help expanding it, feel free to submit a [pull request](#).

### 1.1 Administrator documentation

This documentation is for the administration of Opiniox.

#### 1.1.1 Installation

The installation via docker container is strongly recommended.

##### Requirements

- A working [Docker](#) installation
- A SMTP server to send out mails
- A HTTP reverse proxy to enable HTTPS
- A database server (or container)

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**Note:** Please do not run Opiniox without HTTPS encryption - otherwise the login data of your users is transmitted in plaintext and is readable by everyone!

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##### Data folders

First of all, we need to setup the location of the stored data (logfiles) and settings-file:

```
# mkdir /docker/opiniox
# mkdir /docker/opiniox/data
# chown -R 12421:12421 /docker/opiniox
# chmod -R 400 /docker/opiniox
# chmod -R 700 /docker/opiniox/data
```

**Note:** The user id 12421 is used inside the container and it should be ensured that on the host no user exists with this id

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### Config file

Create a config file under `/docker/opinioxx/settings.py` with the content from the [sample-file](#). Adjust it to your needs.

### Database

If you just want to test the tool, you can use the default `db.sqlite3` file as database. Otherwise please choose a database of your choice and add the connection data in the settings file. More information can be found [here](#).

An example for a mysql-database would be the following:

```
DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.mysql',
        'NAME': 'mydatabase',
        'USER': 'dbuser',
        'PASSWORD': 'dbpassword',
        'HOST': '127.0.0.1',
        'PORT': '3306',
        'CONN_MAX_AGE': 3600,
    }
}
```

### Docker

Start the docker container:

```
# docker run -p 127.0.0.1:8000:8000 -v /docker/opinioxx/settings.py:/opinioxx/src/
↳ opinioxx/settings.py -v /docker/opinioxx/data:/data -d opinioxx/stable:latest
```

Visit <http://127.0.0.1:8000> to see your installation.

**Note:** Your installation is only available on the host system. Configure your HTTP proxy accordingly to make it accessible from the outside.

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### Cronjob

In order to get the mail notifications working, please add the following to `/etc/crontab`:

```
0 1 * * * root wget <YOUR_URL>/cron &> /dev/null
```

This will generate the mail notifications at 1 am. Please note that the tool only generates notifications for all changes until yesterday - so nothing will happen if you execute the cron script more than once per day. This is done to prevent inference of the time of actions on persons.

## **1.2 User documentation**

This documentation is for the users of Opinioxx.

### **1.2.1 Usage**

Coming soon...