

Installation of VIADAT

Dependencies

- Python3
- LibreOffice (for document conversion)
- MongoDB

Installation of backend requirements

```
$ cd backend
$ pip3 install -r requirements.txt
```

Repository configuration

Create file "repository.conf" in viadat root directory with configuration for repository in the following format:

```
{
    "url": "<URL-FOR-REPOSITORY>",
    "user": "<USER-NAME>",
    "password": "<PASSWORD>",
    "community": "<COMMUNITY-NAME>",
    "collection": "<COLLECTION-NAME>"
}
```

Creating an user account

```
# In VIADAT root directory
$ python3 -m backend create-user <USERNAME>
```

Starting backend

Start MongoDB and then:

```
# In VIADAT root directory
$ python3 -m backend service
```

Building a frontend

Setup hostname where backend runs in web/src/config.js.

The following commands build web application that should be statically served by a web server

```
$ cd web
$ npm install
$ npm run build
```