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# **Georiviere**

***Release 0.9.4***

**Makina Corpus**

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# INSTALLATION CONFIGURATION

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## INSTALL

### 1.1 Requirements

- You need docker installed. Docker-compose is recommended in the configuration below.
- **Optional** : if you want to use external database, prepare a postgresql 10+ postgis2.5+ database with postgis and postgis\_raster enabled, and a dedicated user.

You can use external database by commenting postgres container and volume references in docker-compose.yml, and set variables

- POSTGRES\_HOST
- POSTGRES\_PORT
- POSTGRES\_USER
- POSTGRES\_PASSWORD
- POSTGRES\_DB
- You can use external nginx proxy. Edit provided nginx conf file and comment nginx references in docker-compose.yml. Fix web:8000 to 127.0.0.1:8000 in nginx.conf.

### 1.2 Install

- Download [zip package](#)
- Unzip it where you want

```
unzip install.zip
cd georiviere
```

- Prepare environment variables

```
mv .env.dist .env
```

-> Set all required values

- Init default var folder

```
docker-compose run --rm web bash -c "exit"
```

- Set your var/conf/custom.py if required (as geotrek overlay, some settings should be set BEFORE database initialization)

- Init database and project config

```
docker-compose run --rm web update.sh
```

- Create your super user

```
docker-compose run --rm web ./manage.py createsuperuser
```

- Launch stack

```
docker-compose up
```

## 1.3 Update

- Read [release notes](#) about bugfix, news and breaking changes.
- Backup your data (database and var folder)
- Pull latest image

```
docker-compose pull
```

- Run post update script

```
docker-compose run --rm web update.sh
```

- Relaunch you docker-compose stack

```
docker-compose down  
docker-compose up
```

## CONFIGURATION





## LOCAL ENVIRONMENT

- Configuration

To get local environment working, we recommend to use a custom domain, as 'georiviere.local'. Define it in your /etc/hosts.

Copy the env dist file

```
cp .env.dist .env
```

Set required values, for postgres database access

- Run:

```
docker-compose up
```

- Launch tests :

```
docker-compose run --rm web ./manage.py test
```

- With coverage :

```
docker-compose run coverage run ./manage.py test
docker-compose run coverage report -m
```



## DOCUMENTATION

We use sphinx doc and sphinx-rtd-theme.

Requirements are included.

To compile and test documentation on local environment, run :

```
docker-compose run --workdir /opt/georiviere-admin/docs --rm web make html
```



**PUBLICATION**



## CHANGELOG

### 6.1 0.9.4 (2021-11-05)

- First code publication





## AUTHORS

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## INDICES AND TABLES

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