

# Rapid Annotator Installation Guide

```
pip3 install -r requirements.txt
```

Install and configure *wsgi* and *apache2* on your server.

Install python3-mysqldb.

Since we need to deploy rapidannotator [flask app] on apache server, we need to link Flask and Apache using wsgi interface. For that you need to add the following lines in **/etc/apache2/apache2.conf**

```
WSGIScriptAlias / /path/to/rapidannotator/wsgi.py
```

```
<Directory /path/to/rapidannotator>
```

```
    Require all granted
```

```
</Directory>
```

Next, in wsgi.py file in the rapidannotator ; replace the current path i.e. '/home/tissues/interests/lal/rapidannotator' to '/path/to/rapidannotator'

After that do run : `sudo service apache2 restart`

As the last step we need to link the database[MySQL] to rapidannotator.

Login to MySQL : `mysql -u root -p`

Create a database for rapidannotator named *testing* and select it : `create database; testing; use testing;`

Now grant the privileges to rapidannotator : `grant all privileges on testing to username@localhost identified by 'password' with grant option;`

Finally in rapidannotator/config.py update the database uri : `SQLALCHEMY_DATABASE_URI = 'mysql://username:password@localhost/testing'`

`mkdir -p data/uploads` (in the directory where rapidannotator is kept).

Change [this](#) line accordingly.

Running the above steps you should be able to access the interface at <http://localhost/frontpage/> in your browser.

Create a user there and make it admin by running the following command in mysql database.

**UPDATE User SET admin=1 WHERE id=X;**

Here X is the id of the user you want to make the admin.

Follow the user guide to proceed with the rest of the process. :)