
Green Tea Documentation

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Green Tea is tools for automation testing (quality assurance). The service collects data from beaker's jobs, saves it to database and creates statistic for users. Project is open source and it is available on <https://github.com/SatelliteQE/GreenTea/>

CHAPTER 1

Quickstarts

2.1 HOW TO INSTALL

At first you need installed repositories (rhel/fedora + epel) which contain following packages.

```
python-psycopg2 gitweb-caching source-highlight highlight libxslt-devel libxml2-devel  
graphviz-devel python-virtualenv beaker-common beaker-client gcc
```

All needed packages are written in file requirement/rpms-basic.txt.

```
>> cat requirement/rpms-basic.txt | xargs yum install -y
```

Create project directory and clone git repository to them.

```
>> git clone https://github.com/SatelliteQE/GreenTea.git
```

Now we install virtual environment.

```
>> virtualenv env
```

Install necessary python packages

```
>> source env/bin/activate  
>> pip install -r requirement/requirement.txt
```

Project uses sqlite as default database. The database was created when you run this script:

```
>> python manage.py syncdb  
>> python manage.py migrate
```

Or you can set own database.

For testing/developing it's possible to use django http server and sqlite database

```
>> python manage.py runserver
```

2.1.1 Docker

Public container is available on following site <https://hub.docker.com/r/pajinek/greentea/>

```
>> docker pull pajinek/greentea
>> docker run -i -t -p 80:8000 pajinek/greentea
```

2.1.2 Administration

Green Tea is possible to manage by following script (not as superuser)

```
>> python manage.py
```

for WebUI administration, at first you need create new user

```
>> python manage.py createsuperuser
```

2.1.3 Uwsgi and Httpd

```
>> httpd uwsgi-plugin-common mod_proxy_uwsgi
```

CHAPTER 3

Indices and tables

- `genindex`
- `modindex`
- `search`