Django

deploy

План

разделение настроек проекта
uwsgi, nginx
деплоймент
управление статикой
страницы 404, 500

Дока наше все!

https://docs.djangoproject.com/en/1.7/topics/settings/

https://docs.djangoproject.com/en/1.7/howto/deployment/checklist/#critical-settings

settings

local_settings.py

SECRET_KEY

DEBUG, TEMPLATE_DEBUG

ALLOWED_HOSTS

ADMINS, MANAGERS

EMAIL_BACKEND

EMAIL_HOST, EMAIL_PORT, EMAIL_...

DATABASES, CACHES, LOGGING

MEDIA_ROOT, STATIC_ROOT

settings

local_settings.py

_____

SECRET_KEY = 'real secret key'
DEBUG = False
TEMPLATE_DEBUG = DEBUG
ALLOWED_HOSTS = ['your-site.com']
...

settings.py

_____

```
try:
    from local_settings import *
except ImportError:
    print "Warning! local_settings are not defined!"
```

Дока наше все!

https://docs.djangoproject.com/en/1.7/howto/deployment/

Дока наше все!

https://uwsgi.readthedocs.org/en/latest/tutorials/Django_and_nginx.html

uwsgi

pip install uwsgi

python manage.py runserver
to
uwsgi --http :8000 --module pybursa.wsgi

touch uwsgi.ini

uwsgi --ini uwsgi.ini

Дока наше все!

http://wiki.nginx.org/Main

http://nginx.org/ru/docs/

nginx

sudo apt-get install nginx

nano /usr/local/etc/nginx/nginx.conf

nginx
nginx -s stop

nginx

```
server {
    listen      8002;
    server_name 127.0.0.1;
    charset     utf-8;
    client_max_body_size 75M;   # adjust to taste

    location /media  {
        alias /Users/dixon/Documents/pybusa/11/pybursa/
media;}
    location /static {
        alias /Users/dixon/Documents/pybusa/11/pybursa/
static;}
    location / {
        proxy_pass http://127.0.0.1:8001;}
}
```

Дока наше все!

https://docs.djangoproject.com/en/1.7/howto/deployment/wsgi/modwsgi/#serving-files

https://docs.djangoproject.com/en/1.7/ref/contrib/staticfiles/

static files

```
STATIC_URL = '/static/'

STATIC_ROOT = os.path.join(BASE_DIR, 'static_files')

STATICFILES_FINDERS = \
("django.contrib.staticfiles.finders.FileSystemFinder",
"django.contrib.staticfiles.finders.AppDirectoriesFinder")

STATICFILES_DIRS = (os.path.join(BASE_DIR, 'static'),)

python manage.py collectstatic
```

Дока наше все!

https://docs.djangoproject.com/
en/1.7/ref/views/

https://docs.djangoproject.com/
en/1.7/ref/urls/#handler400

404 500 views

Если DEBUG равен False, то вместо страниц с трейсом ошибки рендерятся соответствующие шаблоны:

```
400.html
403.html
404.html
500.html
handler400 = 'django.views.defaults.bad_request'
handler403 = 'django.views.defaults.permission_denied'
handler404 = 'django.views.defaults.page_not_found'
handler500 = 'django.views.defaults.server_error'

handler404 = 'pybursa.views.handler404'
```