NEXELL OTA Update Server Install Guide

Download Source

```
$ git clone ssh://swpark@git.nexell.co.kr:29418/nexell/otaupdate-server
```

Install pre-requisites

```
$ sudo apt-get install python2.7 pip

$ sudo pip install Django==1.6.5
```

Fix source

```
$ vi otaupdate-server/otaupdate/wsgi.py

// fix line 13

path = '/home/nexell/otaupdate-server' to your environment

$ vi otaupdate-server/otaupdate.conf

// search otaupdate-server, change path to your environment
```

Apache Setting using wsgi

install

```
$  sudo apt-get install apache2

$ sudo apt-get install libapache2-mod-wsgi
```

copy otaupdate-server/otaupdate.conf to /etc/apache2/sites-available

restart apache2

```
$ sudo a2ensite otaupate.conf

$ sudo service apache2 reload
```

DB Setup using postgresql

install

```
$ sudo apt-get install postgresql
```

set up password for postgres

```
$ sudo passwd postgres
rmsiddhk
rmsiddhk
```

switch user postgres

```
$ su postgres
```

create a user named django_login

```
$ createuser -P django_login
rmsiddhk
rmsiddhk
```

enter postgres shell

```
$ psql template1
```

create database

```
CREATE DATABASE django_db OWNER django_login ENCODING 'UTF8';
```

get out of the shell

```
$ \q
```

add next line to /etc/postgresql/x.x/main/pg_hba.conf

```
local django_db django_login md5
```

restart postgres

```
$ sudo /etc/init.d/postgresql restart
```

install python-psycopg2

```
$ sudo apt-get install python-psycopg2
```

edit settings.py

```
DATABASES = { 'default': { 'ENGINE': 'django.db.backends.postgresql_psycopg2', 'NAME': 'django_db', 'USER': 'django_login'
, 'PASSWORD': 'your_password', 'HOST': 'localhost', 'PORT': '5432', } }
```

check postgres port

```
$ grep postgresql /etc/services
```

syncdb

```
$ python manage.py syncdb
```