
django-wechat-api Documentation

Release 2.0.0

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This project is the python/django API for wechat official account development.

wechat is the django project used for test django applications.

wechat_api is a django application for wechat subscribe and service account.

enterprise_api is a django application for wechat enterprise account.

application_api is a django application for wechat application account.

1.1 wechat

wechat is a django project created for test wechat API applications.

Include:

[Wechat subscribe&service Interface]

[Enterprise Interface]

[Application Interface]

And some other functions:

- Use <http://how-old.net> to analyze the age of a picture.
- Use <http://www.tuling123.com> to auto response message.

1.1.1 How to use

1. Create django project wechat:

```
$django-admin startproject wechat
```

2. Install this django application:

```
$pip install django-wechat-api
```

3. Configuration the django project in settings.py:

```
INSTALLED_APPS = (  
    ...  
    # Just choose which you need  
    'wechat_api',  
)
```

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```

'enterprise_api',
'application_api'
)

# SAE/BAE:True means on server, False means on local.
DEPLOY = 'SERVER_SOFTWARE' in os.environ

# For SAE
if DEPLOY:
    import sae.const
    MYSQL_DB = sae.const.MYSQL_DB
    MYSQL_USER = sae.const.MYSQL_USER
    MYSQL_PASS = sae.const.MYSQL_PASS
    MYSQL_HOST = sae.const.MYSQL_HOST
    MYSQL_PORT = sae.const.MYSQL_PORT
# For BAE
#if DEPLOY:
#    MYSQL_DB = '*****'
#    MYSQL_USER = '*****'
#    MYSQL_PASS = '*****'
#    MYSQL_HOST = 'sqld.duapp.com'
#    MYSQL_PORT = '4050'
# For Local
else:
    MYSQL_DB = 'wechat'
    MYSQL_USER = '*****'
    MYSQL_PASS = '*****'
    MYSQL_HOST = 'localhost'
    MYSQL_PORT = '3306'

# For wechat subscribe and service account.
WECHAT_TOKEN = u'your_token'
WECHAT_APP_ID = u'your_app_id'
WECHAT_APP_SECRET = u'your_app_secret'

# For wechat enterprise account.
CORPID = "your_corp_id"
TOKEN = "your_token"
ENCODINGAESKEY = "your_encoding_aeskey"
SECRET = "your_secret"
AGENTID = 0
SAFE = 0

```

4. Configuration the django project in urls.py:

```

urlpatterns = [
    url(r'^wechat/', include('wechat_api.urls', namespace='wechat_api')),
    url(r'^enterprise/', include('enterprise_api.urls', namespace='enterprise_api
↪')),
]

```

5. Deploy your project on SAE or BAE to test:

```

# Export data from local mysql and import to SAE/BAE
$mysqldump -u <username> -p <databasename> > <filename>.sql

```

6. Register your wechat official account and fill in your SAE/BAE url and your token:

```
URL(SAE) : http://<project>.applinzi.com/<wechat/enterprise>/
URL(BAE) : http://<project>.duapp.com/<wechat/enterprise>/
TOKEN: yourtoken
```

1.2 wechat_api

This django application is the API for wechat subscribe and service account.

-
- how-old
-
-
-
-
-

Release:

- receive message format
- response message format
- response text message with tuling123.com
- response image message with how-old.net

Todo:

- response message like voice, video/shortvideo, location, link
- receive event format
- response event
- customise menu

1.3 enterprise_api

This django application is the API for wechat enterprise account.

- ()
- ()
-
- how-old
-
-
-
-
-

-

Release:

- receive message format
- response message format
- send message format

Todo:

- response text message with tuling123.com
- response image message with how-old.net
- send message
- receive event format
- response event message

1.4 python

1. (/,)
2. ->URLURLTokenToken
3. gitURL

[wechat docs]

:

```
wechat user <=> send/receive message <=> wechat server <=> POST XML message <=> your_
↪server
```

1.4.1 django

[SAE]

[BAE]

SAE

[SAE vendor]

BAE:

```
$vim requirements.txt
django==1.8.2
...
```

mysql

[SAE mysql]

SAEconfig.yamlinde.wsgi.

SAEindex.wsgiapplication

BAEapp.conf,favicon.icoindex.py

BAEindex.pyapplication

1.4.2.djangowechat

app.confconf.yaml

index.wsgiindex.py

wechat/settings.pymysql

GAE/BAE/SAEmysqlmysql

migratesql:

```
$ python manage.py migrate
$ mysqldump -u <username> -p <databasename> > <filename>.sql
```

GAE/BAE/SAEsq|GAE/BAE/SAEmysql

1.4.3.djangodjango-wechat-api

wechat/settings.py

wechat/urls.pyurl

django-wechat-api/views.py

1.4.4 wechat

:

```
SAE_URL: http://<project>.applinzi.com/wechat/
BAE_URL: http://<project>.duapp.com/wechat/
TOKEN: yourtoken
```

1.4.5.djangowechat

:

[github]

CHAPTER 2

Indices and tables

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