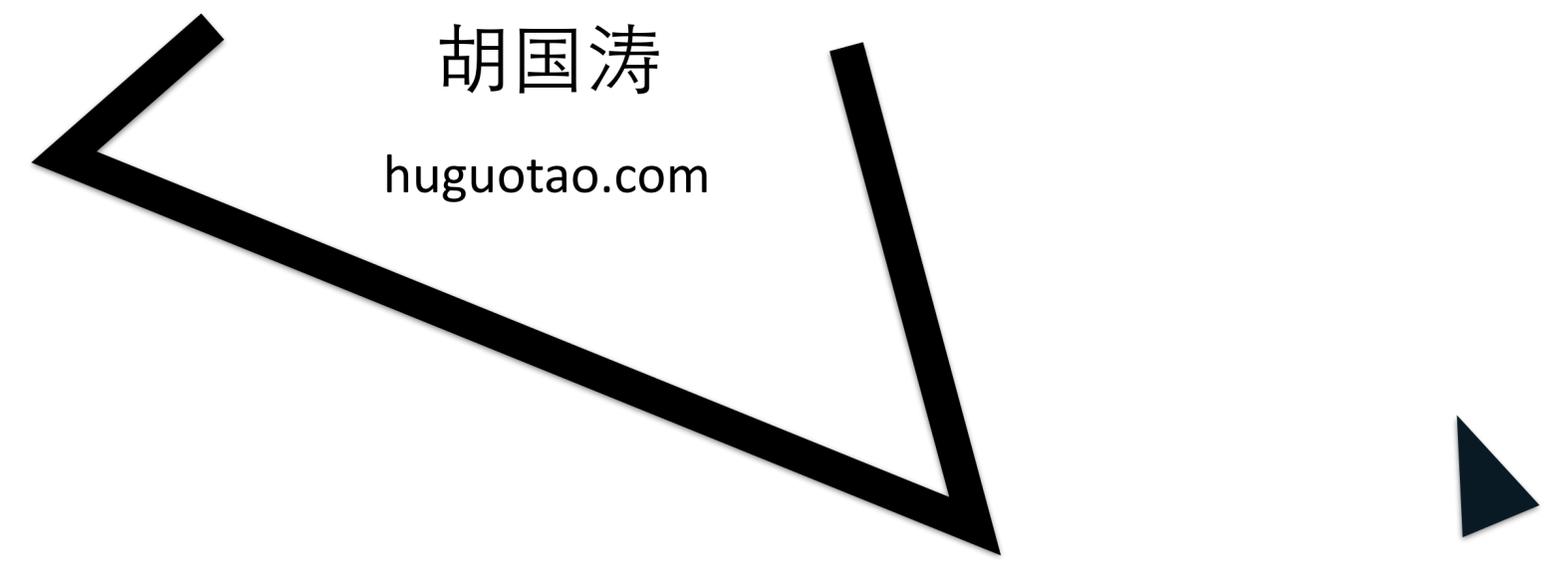


WEGO 的开源之旅

胡国涛

huguotao.com



微信开发为什么麻烦 ?

WEGO 开源了 !



微信开发为什么麻烦



- 接口繁多
- 文档错乱
- 报错模糊

微信开发为什么麻烦

更新日志

版本号	更新内容	更新时间
V1.5	新增朋友的券新玩法，朋友之间共享卡券，更多曝光，更多流量，点击了解创建朋友的券	2015-11-17
V1.6	支持领取后N天生效，N天内失效，xxxx时间点统一过期的卡券时间类型	2015-12-2
V1.7	新增接口开通自助核销功能	2015-2-1
V1.8	普通券支持图文详情，对齐朋友的券；	2015-2-16

微信开发为什么麻烦

请求示例

```
{
  "button": [
    {
      "type": "click",
      "name": "今日歌曲",
      "key": "V1001_TODAY_MUSIC"
    },
    {
      "name": "菜单",
      "sub_button": [
        {
          "type": "view",
          "name": "搜索",
          "url": "http://www.soso.com/"
        },
        {
          "type": "view",
          "name": "视频",
          "url": "http://v.qq.com/"
        },
        {
          "type": "click",
          "name": "赞一下我们",
          "key": "V1001_GOOD"
        }
      ]
    }
  ],
  "matchrule": {
    "group_id": "2",
    "sex": "1",
    "country": "中国",
    "province": "广东",
    "city": "广州",
    "client_platform_type": "2",
    "language": "zh_CN"
  }
}
```



微信开发为什么麻烦

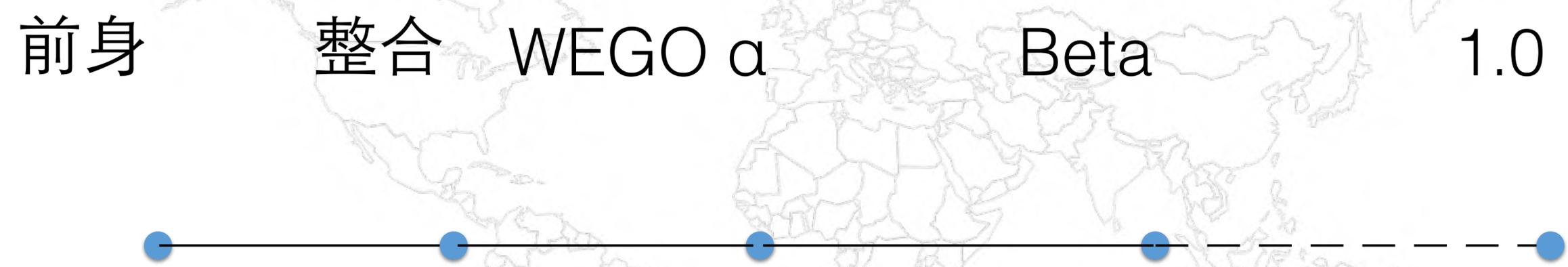
调用示例代码中的DecryptMsg函数（需传入msg_signature、**timestamp**、nonce和postdata，前3个参数可从接收已授权公众号消息和事件的URL中获得，postdata即为POST过来的数据包内容），若调用成功，sMsg则为输出结果，其内容为如下的明文的xml消息体：

```
<xml>
<ToUserName></ToUserName>
<FromUserName></FromUserName>
<CreateTime>1411035097</CreateTime>
<MsgType></MsgType>
<Content></Content>
<MsgId>6060349595123187712</MsgId>
</xml>
```

微信开发为什么麻烦

其他新增按钮类型的请求示例

```
{
  "button": [
    {
      "name": "扫码",
      "sub_button": [
        {
          "type": "scancode_waitmsg",
          "name": "扫码带提示",
          "key": "rselfmenu_0_0",
          "sub_button": [ ]
        },
        {
          "type": "scancode_push",
          "name": "扫码推事件",
          "key": "rselfmenu_0_1",
          "sub_button": [ ]
        }
      ]
    }
  ]
},
```



WEGO 在这方面做得很好



- 清晰的接口
- 完整的文档
- 详细报错

WEGO 在这方面做得很好



扫描关注 WEGO 测试公众号

WEGO 在这方面做得很好



Talk is cheap, show me the code

初始化



```
init.py
1 import wego
2
3 w = wego.init(
4     APP_ID='wx0f22c1ace39d1404',
5     APP_SECRET='ca0f5a49b75488a5fcf5f80eace1c08a',
6     REGISTER_URL='http://qwork.quseit.cn/',
7     REDIRECT_PATH='/',
8     HELPER='wego.helpers.official.DjangoHelper',
9
10    MCH_ID='1236856102',
11    MCH_SECRET='abcdefghijklmnopqrstuvwxy123456',
12    CERT_PEM_PATH='/root/cert_qwork/apiclient_cert.pem',
13    KEY_PEM_PATH='/root/cert_qwork/apiclient_key.pem',
14    PAY_NOTIFY_PATH='/a/',
15
16    PUSH_TOKEN='qbtest',
17    PUSH_ENCODING_AES_KEY='IAx51VWALT5isNH6swOLFadaX3uhuoL8WVqk3123123',
18
19    USERINFO_EXPIRE=10,
20    DEBUG=True,
21 )
22
```

Line 1, Column 1 Spaces: 4 Python

网页登陆授权



```
hello_world.py  
1 from django.shortcuts import HttpResponseRedirect  
2 from .init import w  
3  
4  
5 @w.login_required  
6 def hello(request):  
7     user = request.wx_user  
8     hello = 'hello %s, subscribe: %d'  
9     return HttpResponseRedirect(hello % (user.nickname, user.subscribe))  
10
```



Line 1, Column 1 Spaces: 4 Python

微信支付



```
wechat_pay.py

1 from django.shortcuts import HttpResponseRedirect
2 from .init import w
3 import json
4
5
6 @w.login_required
7 def wechat_pay(request):
8     raw_html = template % json.dumps(
9         w.unified_order(
10             openid=request.wx_openid,
11             body='test',
12             out_trade_no='ordernum123456',
13             total_fee='1',
14             spbill_create_ip='113.16.139.82',
15             trade_type='JSAPI',
16         )
17     )
18
19     return HttpResponseRedirect(raw_html)
20
21
22 template = '''<script>
```

A square QR code is displayed on the right side of the code editor window, likely representing the payment interface for the WeChat Pay integration.

Line 21, Column 1 Spaces: 4 Python

与用户交互



```
analysis_push.py  
  
1 from django.views.decorators.csrf import csrf_exempt  
2 from django.http import HttpResponse  
3 from .init import w  
4  
5  
6 @csrf_exempt  
7 def index(request):  
8     push = w.analysis_push(request)  
9     user = w.get_ext_userinfo(push.data['FromUserName'])  
10    data = push.reply_text('hello ' + user.nickname)  
11    return HttpResponse(data)  
12  
  
Line 1, Column 1  
Spaces: 4  
Python
```

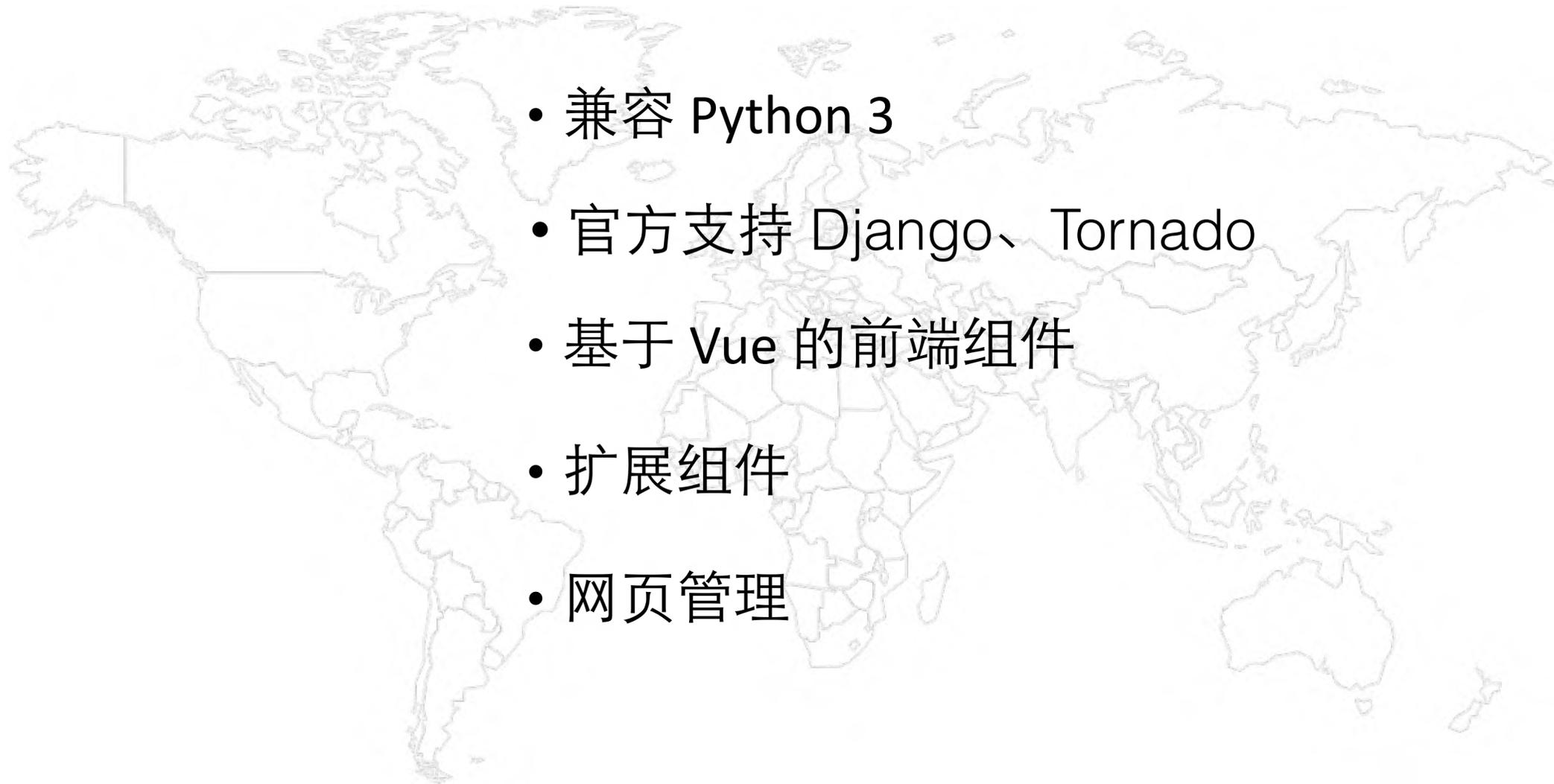
打个招呼?
尝试给公众号发送“你好”

创建菜单



```
create_menu.py
1 from wego.buttons import *
2 from .init import w
3
4 w.create_menu(
5     ViewBtn(u'跳转至页面', 'https://github.com/wegostudio/wego'),
6     MenuBtn(
7         u'菜单',
8         ClickBtn(u'点击按钮', 'click msg0'),
9         ScanBtn(u'扫码打开', 'click msg1'),
10        ScanBtn(u'扫码响应', 'click msg2', True),
11    ),
12    MenuBtn(
13        u'菜单',
14        PhotoBtn(u'选择图片', 'click msg3'),
15        PhotoBtn(u'系统相机', 'click msg4', only_sysphoto=True),
16        PhotoBtn(u'微信相册', 'click msg5', only_album=True),
17    )
18 )
19 w.create_menu(
20     ClickBtn(u'点一点更漂亮', 'click msg6'),
21     match=MatchRule(sex="2")
22 )
Line 1, Column 1 Spaces: 4 Python
```

另外一些令人惊喜的



- 兼容 Python 3
- 官方支持 Django、Tornado
- 基于 Vue 的前端组件
- 扩展组件
- 网页管理

Here we go!

```
$ pip(3) install wego  
https://github.com/wegostudio/
```



Telegram



微信群



THANK YOU.