

# Ngrok备用方案

## Ngrok本站启动

<https://ngrok.com/>

```
./ngrok http 3000
```

<http://kaikeba.free.idcfengye.com?score=0&nickname=josephxia>

## Ngrok私服

参考资料 10分钟教你搭建自己的ngrok服务器 [https://blog.csdn.net/yjc\\_1111/article/details/79353718](https://blog.csdn.net/yjc_1111/article/details/79353718) 反向代理 <https://blog.csdn.net/xs910115/article/details/50096757>

```
apt-get install build-essential golang mercurial git  
git clone https://github.com/tutumcloud/ngrok.git ngrok
```

### 服务器端编译

```
cd ngrok  
  
NGROK_DOMAIN="ngrok.josephxia.com"  
  
openssl genrsa -out base.key 2048  
  
openssl req -new -x509 -nodes -key base.key -days 10000 -subj  
"/CN=$NGROK_DOMAIN" -out base.pem  
  
openssl genrsa -out server.key 2048  
  
openssl req -new -key server.key -subj "/CN=$NGROK_DOMAIN" -out server.csr  
  
openssl x509 -req -in server.csr -CA base.pem -CAkey base.key -CAcreateserial  
-days 10000 -out server.cr
```

#### 2. 启动服务

```
# /root/ngrok  
bin/ngrokd -tlskey=server.key -tlsCrt=server.cr -domain="ngrok.josephxia.com"  
-httpAddr=":8000" -httpsAddr=":8443"
```

#### 3. 客户端编译

- o windows

```
GOOS=windows GOARCH=amd64 make release-client
```

- mac

```
GOOS=darwin GOARCH=amd64 make release-client
```

执行对应的命令会在bin目录下生成相对应的windows、mac目录，ngrok.exe就存放在对应目录下。将对应的ngrok.exe下载到本地。

```
# start.sh
./ngrok -config=ngrok.cfg -log=ngrok.log -subdomain=weixin 3000
```

```
# ngrok.cfg
server_addr: "ngrok.josephxia.com:4443"
trust_host_root_certs: false
```

#### 4. nginx反向代理

```
# /etc/nginx/sites-enabled/ngrok
server {
    listen 80;
    server_name *.ngrok.josephxia.com;
    location / {
        proxy_pass http://127.0.0.1:8000;
        proxy_redirect off;
        proxy_set_header Host $http_host;
        proxy_set_header X-Real-IP $remote_addr;
        proxy_connect_timeout 1;
        proxy_send_timeout 120;
        proxy_read_timeout 120;
    }
}
```

#### 5. 启动服务

#### 5. 配置ngrok服务(待确认)

<https://www.cnblogs.com/lxjshuju/p/7183689.html>

```
#/etc/systemd/system/ngrok.service
[Unit]
Description=ngrok
After=network.target

[Service]
ExecStart=/root/ngrok/bin/ngrokd -tlsKey=server.key -tlsCrt=server.cr -
domain="ngrok.josephxia.com" -httpAddr=":8000" -httpsAddr=":8443"

[Install]
WantedBy=multi-user.target
```

启动

```
// 又一次载入 systemd，扫描新的或有变动的单元
systemctl daemon-reload
// 启动ngrok
systemctl start ngrok
```