

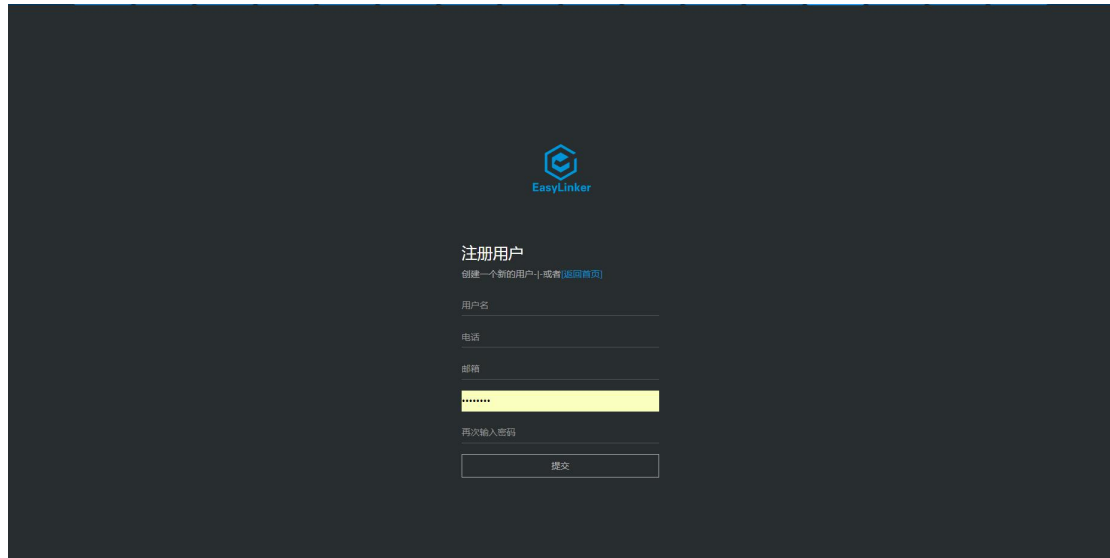


EasyLinker-python 开发文档-v1.0.0

By 王文海 2017.8.4

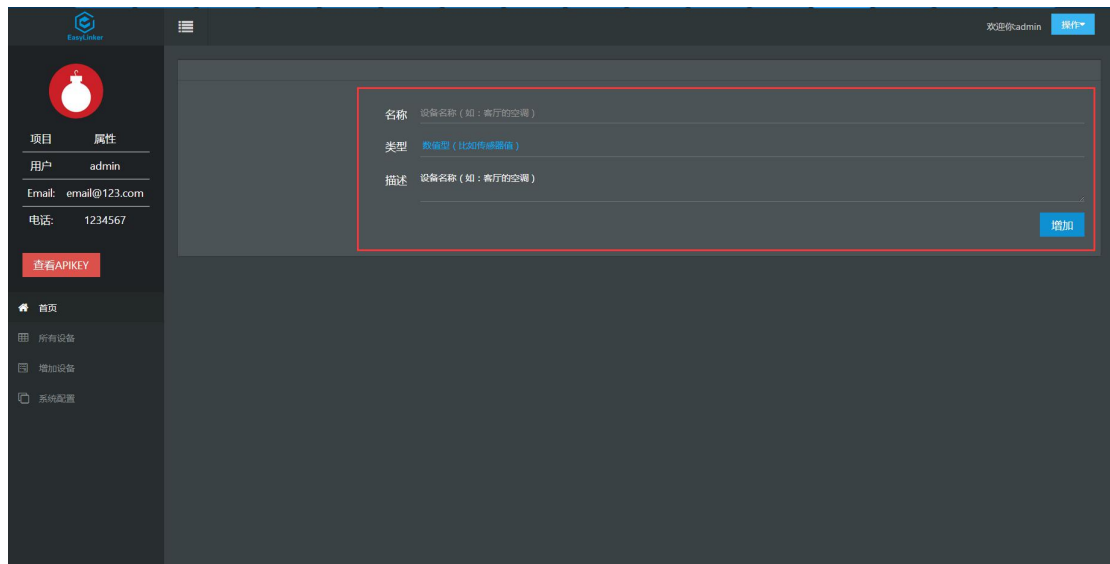
0.注册账号

0.1 在系统内注册一个账号



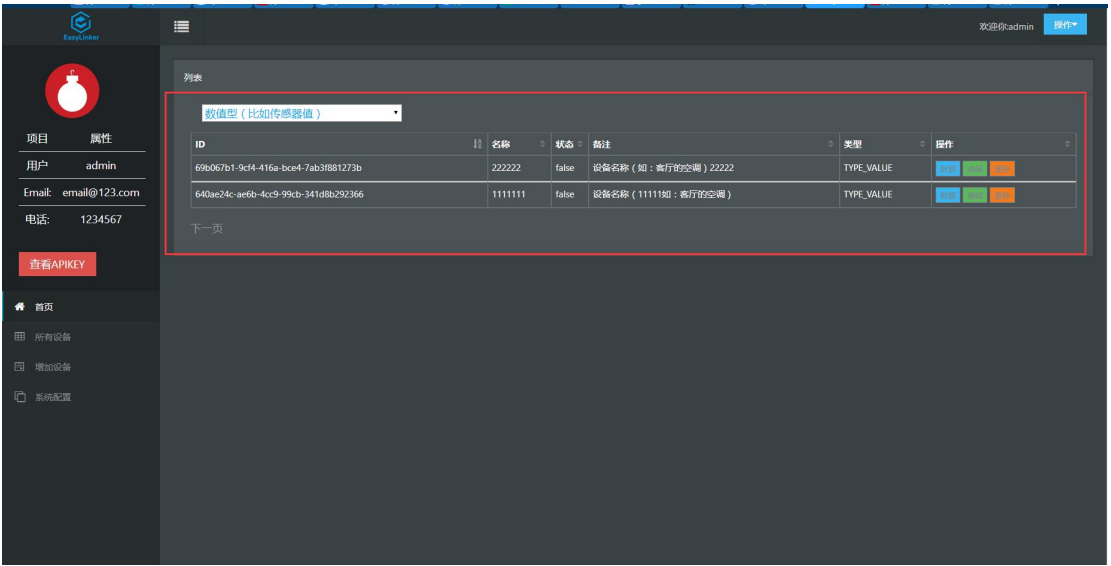
The image shows a registration form for the EasyLinker system. At the top center is the EasyLinker logo, which consists of a blue hexagon with a white 'E' inside, and the text 'EasyLinker' below it. Below the logo is the title '注册用户' (Register User) in bold, followed by a smaller link '创建一个新用户,或者[返回首页](#)'. The form contains four input fields: '用户名' (Username), '电话' (Phone), '邮箱' (Email), and a password field with a yellow background and a masked password '*****'. Below the password field is a label '再次输入密码' (Re-enter password) and a '提交' (Submit) button.

0.2 然后增加一个设备



The image shows the EasyLinker dashboard with a form to add a new device. The dashboard has a dark theme. On the left is a sidebar with a red circular icon containing a white bomb-like shape. Below the icon is a table with columns '项目' (Item) and '属性' (Attribute). The table has three rows: '用户' (User) with value 'admin', 'Email' with value 'email@123.com', and '电话' (Phone) with value '1234567'. Below the table is a red button labeled '查看APIKEY'. Below the sidebar is a menu with four items: '首页' (Home), '所有设备' (All Devices), '增加设备' (Add Device), and '系统配置' (System Configuration). The main area of the dashboard shows a form to add a new device. The form has three fields: '名称' (Name) with placeholder text '设备名称 (如: 客厅的空调)', '类型' (Type) with placeholder text '数据类型 (比如传感器值)', and '描述' (Description) with placeholder text '设备名称 (如: 客厅的空调)'. A blue button labeled '增加' (Add) is at the bottom right of the form.

0.3 打开设备列表，找到设备

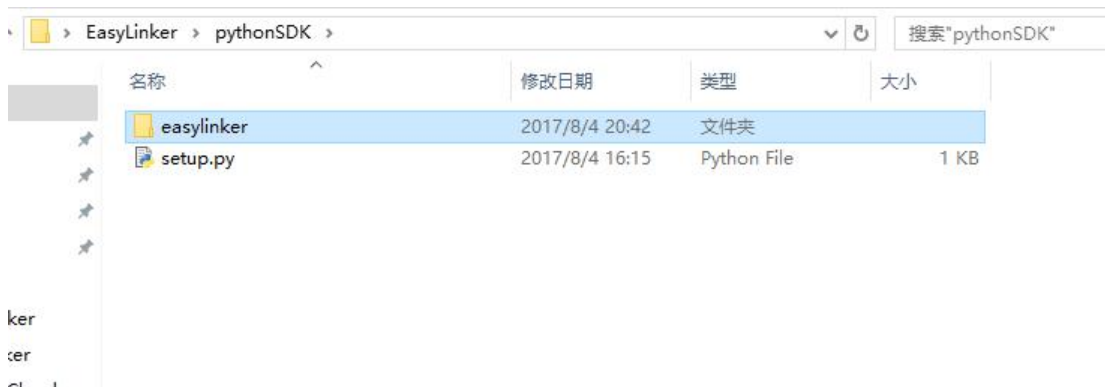


0.4 记下设备的 ID



1.安装 easylinker

下载 SDKPython 包，解压到一个目录，如下：



然后运行：python setup.py install

1.1 第一个 demo

#这个是回调函数，用于接受消息

```
def on_message(client, userdata, msg):
```

```
    print(msg.topic + " " + str(msg.qos) + " " + str(msg.payload))
```

```
app=EasyLinkerApp()
```

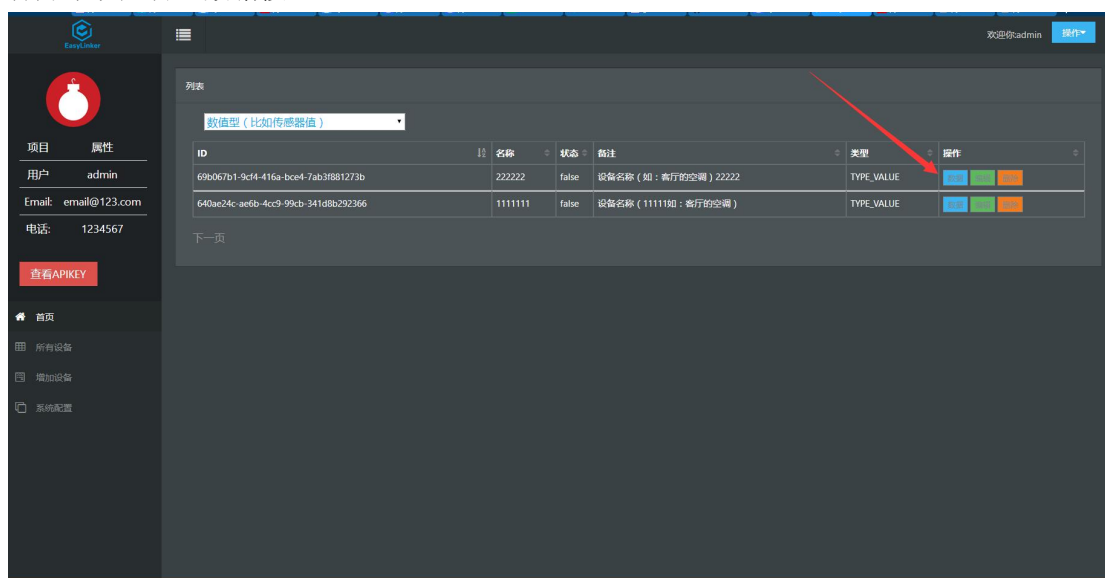
#参数依次为 ip、端口、ID、type、回调函数

```
app.initial("192.168.199.197",1883,"69b067b1-9cf4-416a-bce4-7ab3f881273b","TYPE_VALUE",on_message)
```

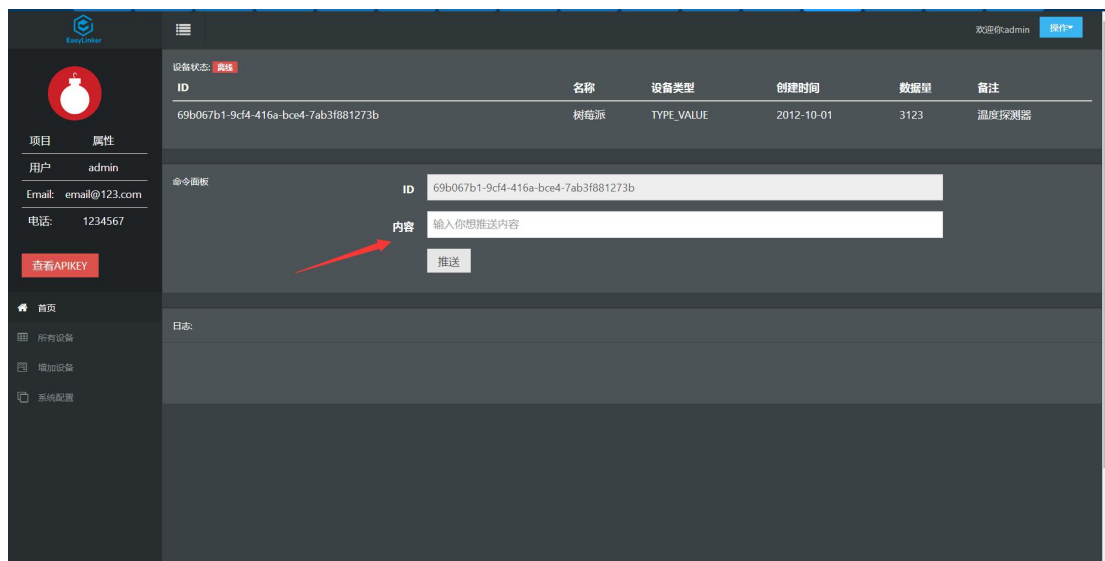
```
app.start()
```

1.2 推送消息

打开系统后台：数据按钮



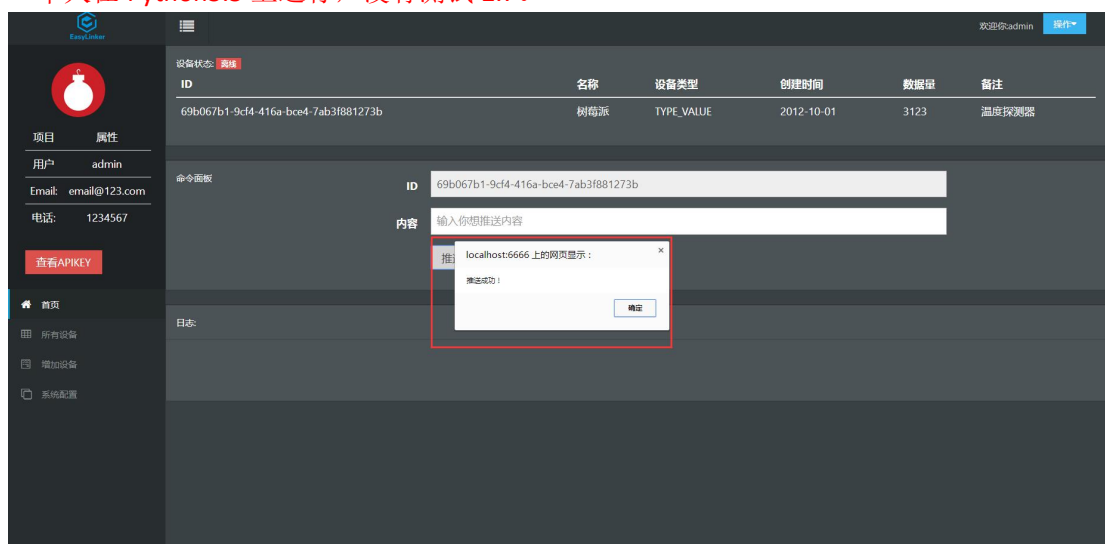
然后输入推送内容



成功以后会提示。

提示：

- 如果你没有装 mqtt 的包，建议去先安装 mqtt
- 本人在 Python3.5 上运行，没有测试 2.7。



如果没有意外，就可以收到消息了，好了，大家开始玩吧。