

关于叫车server近期工作报告

1. 采用http结构的server端服务实现。

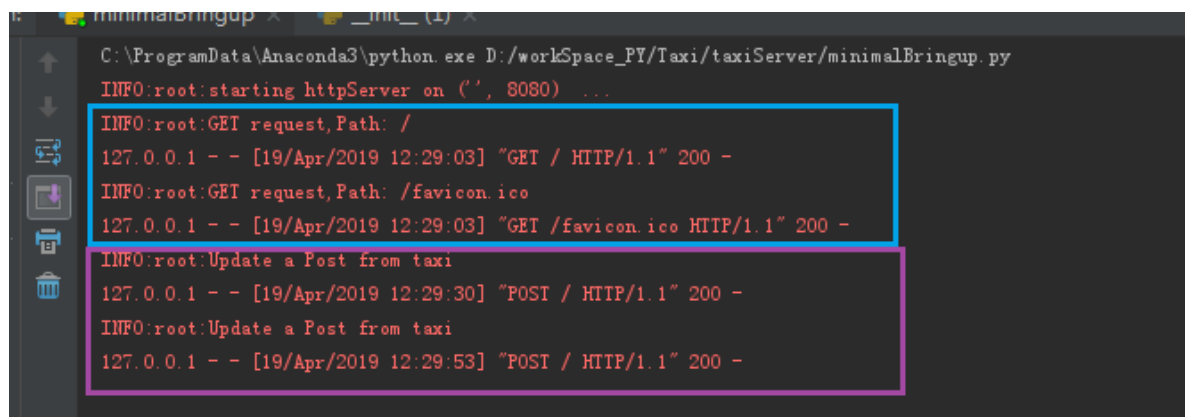
1. 用户对server上的用户数据的控制，对车数据的请求
2. 车对server上的车数据的控制，对用户数据的请求
3. (新增) server运行时，可以进行http请求的设备（手机电脑）可以向随时server请求当前关于订单全部信息，且不影响系统运行，但不能修改数据
4. 在服务器上已经上线，公网IP：（且已在运行）

39.106.228.144:8080

可以直接键入浏览器地址栏访问

2. 新增功能：

1. 对服务器的访问请求与数据反馈会被记录：



```
C:\ProgramData\Anaconda3\python.exe D:/workSpace_PY/Taxi/taxiServer/minimalBringup.py
INFO:root:starting httpServer on ('', 8080) ...
INFO:root:GET request, Path: /
127.0.0.1 - - [19/Apr/2019 12:29:03] "GET / HTTP/1.1" 200 -
INFO:root:GET request, Path: /favicon.ico
127.0.0.1 - - [19/Apr/2019 12:29:03] "GET /favicon.ico HTTP/1.1" 200 -
INFO:root:Update a Post from taxi
127.0.0.1 - - [19/Apr/2019 12:29:30] "POST / HTTP/1.1" 200 -
INFO:root:Update a Post from taxi
127.0.0.1 - - [19/Apr/2019 12:29:53] "POST / HTTP/1.1" 200 -
```

蓝色是一次电脑对订单数据的请求记录，紫色是来自车辆的一个数据提交和数据返回

2. 请求订单

从电脑：

is_start_nav	False
is_arrive_start	False
is_in_vehicle	False
is_reach_target	True
start_position	• 36
target_position	• 345
current_position	• 2 • 27
routine	• ◦ 1.23 ◦ 1.23 • ◦ 1.23 ◦ 1.23

从手机：

is_start_nav	False
is_arrive_start	False
is_in_vehicle	False
is_reach_target	True
start_position	• 36
target_position	• 345
current_position	• 2 • 27
routine	• ◦ 1.23 ◦ 1.23 • ◦ 1.23 ◦ 1.23

3. 鲁棒的出错处理和json信息校验

1. json格式有误或缺少条目时向客户端抛出异常403，服务器不受影响
2. 在非常小的可能情况下，如果多客户端频繁同时传入数据，保证出错处理而不让server宕机

4. 断线重连

1. http数据传输的机制保证服务端客户端不需要保持连接，仅尽可能保持最新信息

5. 服务器上上线完毕

免费版到期时间5.20日

← → ↻ ① 不安全 39.106.228.144:8080

应用 Google Scholar 百度学术 - 保持学...

is_start_nav	False
is_arrive_start	False
is_in_vehicle	False
is_reach_target	True
start_position	• 36
target_position	• 345
current_position	• 2 • 27
routine	• <ul style="list-style-type: none">1.231.231.231.23

管理终端

https://ecs.console.aliyun.com/vnc/index.htm?spm=5176.2020520101.107.d515...

发送远程命令 成功连接到实例 iZzedskn3b7v2pg9x7wm。

Activities Terminal

提示：如果出现持续黑屏，说明系统处于休眠状态，按任意键可以激活。 复制命令输入： 修改

root@iZzedskn3b7v2pg9x7wmZ: ~/taxiServer/taxiServer

File Edit View Search Terminal Help

Preparing to unpack .../python3-pip_8.1.1-2ubuntu0.4_all.deb ...
Unpacking python3-pip (8.1.1-2ubuntu0.4) ...
Selecting previously unselected package python3-setuptools.
Preparing to unpack .../python3-setuptools_20.7.0-1_all.deb ...
Unpacking python3-setuptools (20.7.0-1) ...
Selecting previously unselected package python3-wheel.
Preparing to unpack .../python3-wheel_0.29.0-1_all.deb ...
Unpacking python3-wheel (0.29.0-1) ...
Processing triggers for man-db (2.7.5-1) ...
Setting up libexpat1-dev:amd64 (2.1.0-7ubuntu0.16.04.3) ...
Setting up libpython3.5-dev:amd64 (3.5.2-2ubuntu0~16.04.5) ...
Setting up libpython3-dev:amd64 (3.5.1-3) ...
Setting up python-pip-whl (8.1.1-2ubuntu0.4) ...
Setting up python3.5-dev (3.5.2-2ubuntu0~16.04.5) ...
Setting up python3-dev (3.5.1-3) ...
Setting up python3-pip (8.1.1-2ubuntu0.4) ...
Setting up python3-setuptools (20.7.0-1) ...
Setting up python3-wheel (0.29.0-1) ...
root@iZzedskn3b7v2pg9x7wmZ:~/taxiServer/taxiServer# pip3 install json2html
Collecting json2html
 Downloading http://mirrors.cloud.aliyuncs.com/pypi/packages/23/33/e6367858c5da6795d3277e9ea4cc90b1ecec1c1410/json2html-1.2.1.tar.gz
Building wheels for collected packages: json2html
 Running setup.py bdist_wheel for json2html ... done
 Stored in directory: /root/.cache/pip/wheels/8d/04/81/6423ee56878f66a795638bf461548b18239cb2
Successfully built json2html
Installing collected packages: json2html
Successfully installed json2html-1.2.1
You are using pip version 8.1.1, however version 19.0.3 is available.
You should consider upgrading via the 'pip install --upgrade pip' command.
root@iZzedskn3b7v2pg9x7wmZ:~/taxiServer/taxiServer# python3 minimalBringup.py
INFO:root:starting httpServer on ('', 8080)
INFO:root:GET request,Path: /
111.20.225.135 - - [19/Apr/2019 18:14:50] "GET / HTTP/1.1" 200 -
INFO:root:GET request,Path: /favicon.ico
111.20.225.135 - - [19/Apr/2019 18:14:50] "GET /favicon.ico HTTP/1.1" 200 -

6.

3. 下一步工作：

1. 和简志强工作结果协调