

maintenance story

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Problem:

There are many problems with maintaining other people's code:

1. First of all, you need to understand other people's code, but many of the codes are not marked, and you know little about them, resulting in unclear overall code.

```
def before_request():  
    addr = request.remote_addr  
    ip = ipService.find_ip_by_ip(addr)  
    if ip is None:  
        ip = IP(addr=addr, is_blocked=0)  
        ipService.insert(ip)  
    elif ip.is_blocked == 1:  
        es.abort(403)
```

like this code is not marked, so I need to spend time to find and learn the meaning of this code

2. When debugging the code, I have many packages that cannot be run without importing.
3. Because there are some strange bugs in different versions of python, it will take me a long time to find and solve these problems.

```
文件" E: \ python \ oaps-master \ services.py", 第740行, 在find_ip_by_ip  
ip = IP.query.filter_by(addr = addr).first()  
NameError: 未定义名称" IP"
```

This is what I find when debugging it, It shows that IP is not defined, but it has been defined in the model and IP in model.py has also been imported into server.py.

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Improvements:

Code improvements are still in progress