

Dear github managers, my English name is Manistein, I am a Chinese. My English is not very well, but I will try my best to complete my takedown-notice, and I wish you can read what I write. At this time, I have read and understand GitHub's Guide to Filing a DMCA Notice.

Today, when I serving web, I find an article name "skynet源码分析" (url:<http://blog.shixbo.com/2018/01/24/skynet%E6%BA%90%E7%A0%81%E5%88%86%E6%9E%90/>), after open it. I fill so angry because, the content of that article is the same as one of my article which is name "skynet源码赏析" (url:<https://manistein.github.io/blog/post/server/skynet/skynet%E6%BA%90%E7%A0%81%E8%B5%8F%E6%9E%90/>), I am very sure that it is the copy of "skynet源码赏析" without quote the source and no inform me. It is an absolutely an infringing content! It just change the name of the article!

I can find the infringer's github url in his/her website, his/her github name is flesh0731(url:<https://github.com/flesh0731>)

I have several evidence to prove that I am the real author of "skynet源码赏析" which is rename as "skynet源码分析" by flesh0731. Before I list all the evidence, maybe it's important to explain why I am sure that submit this complaint to github is the correct approach. My blog website is running on github server, which I use Hugo, a static website generator, to generate the static website. I create a repository at github(url:<https://github.com/Manistein/blog>) on 27 Aug 2017, and I also create two useful branch, master and gh-pages. Everytime I push my new content to gh-page branch, it can be find on my website <https://manistein.github.io/blog/>. As my blog website is running on github server, I use domain resolve website to resolve the domain name <http://blog.shixbo.com>. I also resolve my website domain name, I got these information below:



IP/域名blog.shixbo.com的信息
如果该IP实际地址与我们所记录的不符, 请更改IP地址帮助我们更好地为您服务!

域名/IP	获取的IP地址	数字地址	IP的物理位置
blog.shixbo.com	185.199.110.153	3116854937	欧洲和中东地区
blog.shixbo.com	185.199.111.153	3116855193	欧洲和中东地区
blog.shixbo.com	185.199.108.153	3116854425	欧洲和中东地区
blog.shixbo.com	185.199.109.153	3116854681	欧洲和中东地区

最近查询: www.fixpom.com www.fixbayonets.me www.fizsat.cn 117.136.74.172 www.finchglowtravels.com 118.122.121.17



IP/域名manistein.github.io的信息
如果该IP实际地址与我们所记录的不符, 请更改IP地址帮助我们更好地为您服务!

域名/IP	获取的IP地址	数字地址	IP的物理位置
manistein.github.io	185.199.108.153	3116854425	欧洲和中东地区
manistein.github.io	185.199.109.153	3116854681	欧洲和中东地区
manistein.github.io	185.199.110.153	3116854937	欧洲和中东地区
manistein.github.io	185.199.111.153	3116855193	欧洲和中东地区

最近查询: 117.136.97.121 110.184.242.247 ckdsp.qerfjk.cn csldferqqc.cn 223.85.29.112 move.hpjhbivwwcb.com.cn

the result ip address is the same of mine. so I am sure that flesh0731's blog is also running on github. According to github's guideline, if my takedown notice is pass, you will disable the page which is infringing me.

At first, I write "skynet源码赏析" on YNote, but for some reason, we can not visit it via this url(<https://note.youdao.com/share/?id=9d2b8a03fdd9cd4947ca4128d30af420&type=note#/>), it is a share url, but I can provide it's create information

写在最前面

skynet是目前使用比较广泛的服务器端框架，虽然目前网上资料众多，但是从自己的学习和使用经历来看，缺乏能够让自己系统了解该框架底层机制的资料，这段时间，趁着自己有时间，阅读了skynet框架的一些代码，现在将自己理解的部分总结并记录下来，以备日后使用。本文旨在对skynet框架的结构和主要流程，并不涉及skynet的方方面面，一些论述，我附上了一些源码加以论证，并在引用的源码里加入了一些注释。对于一些概念，我也本着严谨的原则，尽可能注明了引用的来源出处，引证自维基百科的内容，基本上是没有争议的。由于本人水平有限，如果发现文中的有错误的地方，或者写的不好地方，欢迎大家批评指正，最后原创不易，转载请注明出处。

对于skynet，需要厘清的几个问题

- skynet本质上解决什么问题？
- skynet有哪些基本的数据库结构？
- skynet有几类线程，他们分别的作用是什么？
- skynet如何启动一个服务？
- skynet消息调度机制是怎样的？
- skynet如何启动一个lua服务？
- skynet的lua服务端消息机制是怎样的？
- timer是如何产生消息的？他的结构和流程是怎样的？
- 网络模块是如何产生消息的？他的结构和流程是怎样的？
- skynet有哪些基本服务，他们的作用分别是什么？
- skynet集群机制

Overview

对于skynet的概述，建议大家先阅读云风大神的《skynet设计综述》。skynet本质是什么？它为我们提供了什么服务？如何正确使用它？我们希望自己写的不同的业务逻辑，独立运行在不同的上下文环境中，并且能够通过某种方式，相互协作，最终共同服务于我们的玩家。skynet则为我们提供了这种环境：

- 我们编写好的文件，在编译成so库以后，在某个时机，调用libsoapi的句柄，会被加载到一个modules列表中，一般这样的模块会被要求实现4种接口 create, init, signal和release
- 我们要创建一个新的、运行业务逻辑的上下文环境时，则从modules列表中，找到对应的so库包，并且调用create接口，创建一个该业务模块的数据实例，并且创建一个上下文环境（context），引用该业务模块的接口和数据实例，该context会被存放在一个统一存放context的列表中，这种context被称之为服务
- 一个服务，默认不执行任何逻辑，需要别人向它发出请求时，才会执行对应的逻辑（定时时也是通过消息队列，告诉指定服务，要执行定时事件），并在需要时返回结果给请求者。请求者在其他服务，服务间的需求，通过和发送，并不是直接调用对方的api来执行，而是通过一个消息队列，也就是说，不论是谁，向谁发送消息，都需要通过这个消息队列发送到另一个服务中。skynet的消息队列，分为两种：一个全局消息队列，也包含一个全局指针，分别指向两个隶属于消息队列的线程。skynet中的每一个服务，都有一个唯一的、专属的线程消息队列。
- skynet一共有4种线程，monitor线程用于检测节点内的消息是否增长，timer线程进行定时时，socket线程进行网络数据的收发，worker线程负责对所有队列进行调度（worker线程的数量，可以通过配置来指定），消息调度规则是，每个worker线程，每次从全局消息队列中pop出一个消息队列，并



it create at 2017-04-02

Since the share link of this article is not available, I first push it to my blog repository on on 29 Aug

2017(url:<https://github.com/Manistein/blog/blob/35e37f87016f6716ecf69314b4fcb23cfa014ede/content/post/server/skynet/skynet%E6%BA%90%E7%A0>
<https://github.com/Manistein/blog/blob/3c9ad6bea087a197f7b05fdd5acc44882336cadc/post/server/skynet/skynet%E6%BA%90%E7%A0>)

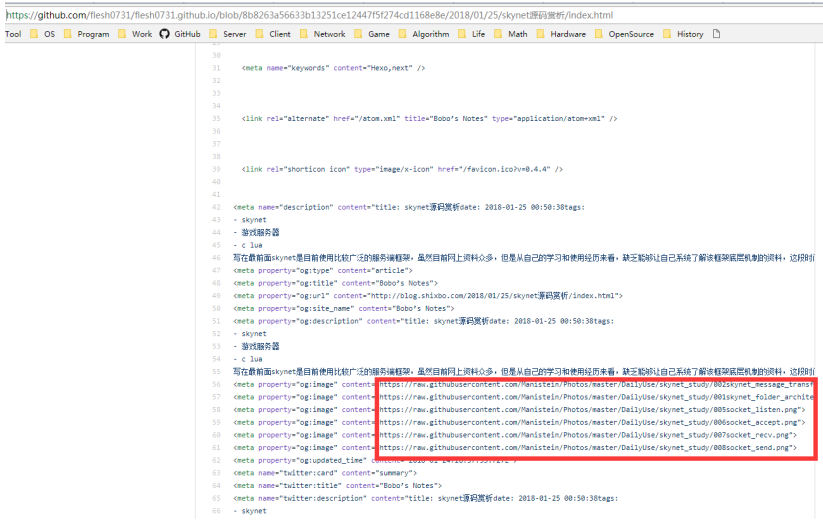
while at flesh0731's repository, the article's first push time is on 25 Jan 2018

(<https://github.com/flesh0731/flesh0731.github.io/blob/8b8263a56633b13251ce12447f5f274cd1168e8e/2018/01/25/skynet%E6%BA%90%E7%A0>)

The first evidence is my article is publish earlier than infringer.

As the

url(<https://github.com/flesh0731/flesh0731.github.io/blob/8b8263a56633b13251ce12447f5f274cd1168e8e/2018/01/25/skynet%E6%BA%90%E7%A0>)
 show above, just visit it, there are many image url is direct to my another repository the Photo repository (https://github.com/Manistein/Photos/tree/master/DailyUse/skynet_study) ,back to the flesh0731's article, we can easy to find that all the image it use is from my Photo repository



I think, the evidence is enough, I hope you can disable the two urls:

<https://github.com/flesh0731/flesh0731.github.io/blob/8b8263a56633b13251ce12447f5f274cd1168e8e/2018/01/25/skynet%E6%BA%90%E7%A0%81%E5%88%86%E6%9E%90/>
 and
<http://blog.shixbo.com/2018/01/24/skynet%E6%BA%90%E7%A0%81%E5%88%86%E6%9E%90/>

The infringer should delete the article named "skynet源码分析" from his/her website or quote source from my article(url:<https://manistein.github.io/blog/post/server/skynet/skynet%E6%BA%90%E7%A0%81%E8%B5%8F%E6%9E%90/>)

My contact information:

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email: 1518986465@qq.com

Infringer information:

github name:flesh0731

url:<https://github.com/flesh0731>

infringing article url: <http://blog.shixbo.com/2018/01/24/skynet%E6%BA%90%E7%A0%81%E5%88%86%E6%9E%90/>

I have a good faith belief that use of the copyrighted materials described above on the infringing web pages is not authorized by the copyright owner, or its agent, or the law. I have taken fair use into consideration.

I swear, under penalty of perjury, that the information in this notification is accurate and that I am the copyright owner, or am authorized to act on behalf of the owner, of an exclusive right that is allegedly infringed.