

Forum:[Hack Forums](#)

Thread: [\[HELP\] storing HTTP requests](#)

4ground_daemon - January 12, 2019, 6:56 am

So I have my own proxy server and I want to make my own python script to capture all the requests that are sent to my server. I looked into scrapy but not sure if that's what I am looking for. Anyone know any modules or packages that could help with that? I'm been searching for a while but not sure I can find anything yet.

cloudpool - January 12, 2019, 1:59 pm

(Jan 12, 2019 07:56 AM)4ground_daemon Wrote: [\[CITE\]](#) So I have my own proxy server and I want to make my own python script to capture all the requests that are sent to my server. I looked into scrapy but not sure if that's what I am looking for. Anyone know any modules or packages that could help with that? I'm been searching for a while but not sure I can find anything yet.

The Python module you're looking for is called Flask

Ensky - January 13, 2019, 2:42 am

(Jan 12, 2019 02:59 PM)WHITEMAGE Wrote: [\[CITE\]](#) The Python module you're looking for is called Flask

I don't have an answer for the OP, but Flask is an HTTP server, not an packet monitor... OP already

has a proxy server and he wants to log all the HTTP requests which flow through it

4ground_daemon - January 13, 2019, 3:41 am

I think scrapy was what I was looking for, I was having a play around with it yesterday but couldn't get it to output the data I wanted.

cloudpool - January 13, 2019, 8:45 pm

(Jan 13, 2019 03:42 AM)sweet potatoe Wrote: [\[CITE\]](#) I don't have an answer for the OP, but Flask is an HTTP server, not an packet monitor... OP already

has a proxy server and he wants to log all the HTTP requests which flow through it

Ah my bad, thanks for clarifying. @OP something like this?

<https://github.com/jacklam718/http-request-capture> though, it's using a forked version of Scapy

Asdethprime - January 13, 2019, 10:34 pm

(Jan 13, 2019 03:42 AM)sweet potatoe Wrote: [\[CITE\]](#) I don't have an answer for the OP, but Flask is an HTTP server, not an packet monitor... OP already

has a proxy server and he wants to log all the HTTP requests which flow through it

(Jan 13, 2019 09:45 PM)WHITEMAGE Wrote: [\[CITE\]](#) Ah my bad, thanks for clarifying. @OP something like this? <https://github.com/jacklam718/http-request-capture> though, it's using a forked version of Scapy

This is not true, you can do all of this in Flask, though a simple web application, that can sit there and accept every HTTP connection from the Proxy, neatly manipulates it and saves it on a database.

Flask is also not a web server, it's a framework (or a collection of libraries and tools) that is primarily degined to create a web-application (a program that runs everywhere). It comes with a pre-built server, but that's only to help for development.

Capturing the incoming HTTP request and neatly storing it in a database ; you can comfortably do that in Flask (technically it will get you to load a seperate database module , unless you use SQLITE, and an ORM - normally SQLAlchemy , flask as extensions for both).

Flask comes with a DEVELOPMENT SERVER ; it's NOT ITSELF SERVER.

That being said I would personally you can do that much simply in python alone without needing any additional frameworks or library.