

# How can i add different proxy to scrapy for every request(or thread)

Asked 12 years, 3 months ago    Modified 8 years, 5 months ago    Viewed 2k times

▲

4

▼

🔖

🕒

Subj. Our spider follows links and parses them with "parse page" function, which returns item. How can I add different proxy to each request, before the first call of parse\_page?

For example, I have pool of 250 proxies and want to randomly select each one for requests.

python

proxy


scrapy

Share

Improve this question

Follow

asked Dec 3, 2012 at 14:57

 **loki**

53   4

## 1 Answer

Sorted by: 

Highest score (default) ▾

▲

4

▼

🔖

✓

🕒

You can create some middleware for this. For example:

```
#Start your middleware class
class ProxyMiddleware(object):

# overwrite process request
def process_request(self, request, spider):

# Set the location of the proxy
request.meta['proxy'] = "http://123.456.789.012"

# Use the following lines if your proxy requires authentication
proxy_user_pass = "USER_AND_PASS"

# setup basic authentication for the proxy
encoded_user_pass = base64.encodestring(proxy_user_pass)
request.headers['Proxy-Authorization'] = 'Basic ' + encoded_user_pass
```


I believe that you could easily randomize the proxy url, username, and password by modifying the above code. Let me know if you need any additional assistance.

Share

Improve this answer

Follow

answered Dec 3, 2012 at 23:06

 **Peter Kirby**

1,995   2   16   29

Start asking to get answers

Find the answer to your question by asking.

Ask question

Explore related questions

python

proxy

scrapy

See similar questions with these tags.

https://stackoverflow.com/questions/13685810/how-can-i-add-different-proxy-to-scrapy-for-every-requestor-thread?rq=3

1/1