

How to implement proxyrack with scrapy

Asked 4 years, 4 months ago

Modified 4 years, 4 months ago

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Recently I bought IP rotation service from proxyrack and I want to use with **Scrapy**. But as their python example, I'm getting confused to implement with Scrapy. Please help me. Here is their code but I want to apply with scrapy

1

```
import requests

username = "vranesevic"
password = "svranesevic"

PROXY_RACK_DNS = "megaproxy.rotating.proxyrack.net:222"

urlToGet = "http://ip-api.com/json"

proxy = {"http":"http://{}:{}@{}".format(username, password, PROXY_RACK_DNS)}

r = requests.get(urlToGet , proxies=proxy)

print("Response:\n{}".format(r.text))
```

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asked Nov 11, 2020 at 18:20

booleantrue

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1 Answer

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you can follow scrapy documentation that how to set up a custom proxy and if you are not familiar with then here are the steps...

1

Step 1 - Go to **Middlewares.py** file and paste this. Change the URL 1st and use that provided from proxyrack and keep the **HTTP**. Also, set the proxy rack user and password inside **basic_auth_header**.

```
from w3lib.http import basic_auth_header

class CustomProxyMiddleware(object):
    def process_request(self, request, spider):
        request.meta["proxy"] = "http://192.168.1.1:8050"
        request.headers["Proxy-Authorization"] =
            basic_auth_header("<proxy_user>", "<proxy_pass>")
```

Step 2 - Go to **settings.py** file and Enable **Downloader_middleware** or paste this at the bottom. Also, make sure you replace the word myproject and set your project name.

```
DOWNLOADER_MIDDLEWARES = {
    'myproject.middlewares.CustomProxyMiddleware': 350,
    'scrapy.downloadermiddlewares.httpproxy.HttpProxyMiddleware': 400,
}
```

That's it and you are ready to go.

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edited Nov 11, 2020 at 19:33

Dharman

33.4k

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101

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answered Nov 11, 2020 at 19:27

just don't be user123

380

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