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



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

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asked Dec 3, 2012 at 14:57



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1 Answer

You can create some middleware for this. For example:

def process_request(self, request, spider):

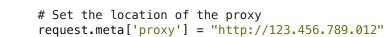




```
class ProxyMiddleware(object):
# overwrite process request
```

#Start your middleware class







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.

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answered Dec 3, 2012 at 23:06



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