

Forum:[Hack Forums](#)

Thread: [Faster* Instagram Username Checker \(Filters Banned Accounts\)](#)

Folks - March 23, 2017, 6:54 pm

After figuring out how to use asyncio and aiohttp I made an Instagram checker that is exponentially faster than the previous one I posted. If you are getting timed out change 'conns=50' to something lower.

Usage ([Click to View](#))PHP Code

<?php

Usage

instagram_checker.py -u 'username' -p 'password' -i 'usernames.txt' -o 'output.txt'

Code ([Click to View](#))

Goodies - March 24, 2017, 12:46 am

Genuinely smiled at this.

I can't wait for people to get butthurt and flame ITT because they're not cool enough to learn asyncio.

Folks - March 24, 2017, 7:43 am

(Mar 24, 2017 12:46 AM)Goodies Wrote: [\[CITE\]](#) Genuinely smiled at this.

I can't wait for people to get butthurt and flame ITT because they're not cool enough to learn asyncio.

Hey, it's harder than it looks ??

Dotexe - March 24, 2017, 7:44 am

Can you do this for c# ? :)

hunter24957 - March 24, 2017, 8:29 am

There's actually a library called aiofiles which is used for asynchronous file I/O. Check it out! ?

Usage would be something like:

PHP Code

<?php

import aiofiles

async def get_usernames(inputfile):

 async with aiofiles.open(inputfile, "r") as f:

 usernames = await f.read()

 return usernames.split("\n")

Folks - March 24, 2017, 8:38 am

(Mar 24, 2017 07:44 AM)Dotexe1 Wrote: [\[CITE\]](#) Can you do this for c# ? :)

Any specific reason for this? If you are trying to learn it, I can always try it out but if you are looking

for speed and functionality, this isn't going to change that much for such a small program.

Let me know and I can always take a crack at it when I am free!

(Mar 24, 2017 08:29 AM)hunter24957 Wrote: [\[CITE\]](#) There's actually a library called aiofiles which is used for asynchronous file I/O. Check it out! ?

Usage would be something like:

PHP Code

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<?php
```

```
import aiofiles
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```
async def get_usernames(inputfile):  
    async with aiofiles.open(inputfile, "r") as f:  
        usernames = await f.read()  
        return usernames.split("\n")
```

Although this is useful for some, what would this due for this? I am assuming it would read the file faster?

I'll have to check it out though ?

hunter24957 - March 24, 2017, 8:42 am

(Mar 24, 2017 08:38 AM)Folks Wrote: [\[CITE\]](#) Any specific reason for this? If you are trying to learn it, I can always try it out but if you are looking for speed and functionality, this isn't going to change that much for such a small program.

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Although this is useful for some, what would this due for this? I am assuming it would read the file faster?

I'll have to check it out though ?

It'll mainly help to make your program more asynchronous, it's great if you're writing to a file while making requests, which I'm assuming your program will do.

Dotexe - March 24, 2017, 8:45 am

(Mar 24, 2017 08:38 AM)Folks Wrote: [\[CITE\]](#) Any specific reason for this? If you are trying to learn it, I can always try it out but if you are looking for speed and functionality, this isn't going to change that much for such a small program.

Let me know and I can always take a crack at it when I am free!The reason is i want to learn how these things works ^_^ i'm not looking for speed and functionality, thanks in advance buddy ?

Folks - March 24, 2017, 8:48 am

(Mar 24, 2017 08:42 AM)hunter24957 Wrote: [\[CITE\]](#) It'll mainly help to make your program more asynchronous, it's great if you're writing to a file while making requests, which I'm assuming your program will do.

Yea it does, after getting a response it writes to a file if the response contains the right data. Right now I have it just open the file as an appendable file because AFAIK opening a file multiple times isn't bad but writing can be.

(Mar 24, 2017 08:45 AM)Dotexe1 Wrote: [\[CITE\]](#) The reason is i want to learn how these things works ^_^ i'm not looking for speed and functionality, thanks in advance buddy ?

Yea sure, I don't know anything about C# but I've read it's similar to java which I know a bit about.

I'll take a look into it over the weekend!

SIM-1866423 - March 24, 2017, 9:14 am

"Python Enthusiast", waa welcome the py section fam !

Folks - March 24, 2017, 9:16 am

(Mar 24, 2017 09:14 AM)Mnemosyne Wrote: [\[CITE\]](#) "Python Enthusiast", waa welcome the py section fam !

Yea, I decided to officialize my nerd status ?

youw0t - March 24, 2017, 12:43 pm

Very nice code man, I am trying to learn asyncio as well but one thing I don't understand in your code is why you have the loop set to None in the start_check function?

Keep up the good work

```
Code async def start_check(igname, igpass, conns=50, loop=None):
    sem = asyncio.BoundedSemaphore(conns)
    async with aiohttp.ClientSession(loop=loop) as session:
        await login(igname, igpass, session)
        usernames = get_usernames(inputfile)
        tasks = [check_usernames(igname, igpass, username, sem, session, loop=loop) for username
in usernames]
        await asyncio.gather(*tasks)
```

Goodies - March 24, 2017, 12:49 pm

(Mar 24, 2017 12:43 PM)youw0t Wrote: [\[CITE\]](#) Very nice code man, I am trying to learn asyncio as well but one thing I don't understand in your code is why you have the loop set to None in the start_check function?

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in usernames]
        await asyncio.gather(*tasks)
```

What I do is something like this:

PHP Code

<?php

```
async def coro(a, b, *, loop=None):
    loop = loop or asyncio.get_event_loop()
```

This (or similar) is at the beginning of most asyncio functions. If no loop is explicitly provided, it will get the one defined in the current thread (each thread can have one loop defined and, by default, only the main thread has an event loop defined).

youw0t - March 24, 2017, 12:55 pm

(Mar 24, 2017 12:49 PM)Goodies Wrote: [\[CITE\]](#) What I do is something like this:

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Ah, that cleared things up. Thanks for the explanation

P3T3R - *March 28, 2017, 4:31 pm*

Does this also work to see if an email is in use or is not in use? Thanks in advance.