

Forum:[Hack Forums](#)

Thread: [recaptcha solving with 2captcha](#)

int - July 24, 2019, 7:46 am

Hello, this is a simple class I use in some of my projects.

usage:

Probably can be improved, but works fine for me (so far).

riu41776 - July 24, 2019, 8:28 am

You must wait 120 seconds for it to be solved? Can't you just wait for the blocking io operation (request sent to the server) to be done and get the response?

int - July 24, 2019, 8:29 am

(Jul 24, 2019 08:28 AM)riu41776 Wrote: [\[CITE\]](#) You must wait 120 seconds for it to be solved? Can't you just wait for the blocking io operation (request sent to the server) to be done and get the response?

If you mean wait for the downloadstring to finish, that won't work because technically 2captcha is async compared to us (when our request finishes, they haven't solved it).

riu41776 - July 24, 2019, 8:29 am

Haven't you heard of regular expressions and string interpolation feature in C# 6.0?

(Jul 24, 2019 08:29 AM)int Wrote: [\[CITE\]](#) If you mean wait for the downloadstring to finish, that won't work because technically 2captcha is async compared to us (when our request finishes, they haven't solved it).

Yeah, after looking at the usage second time i understood that the first request is to upload the captcha and then process it. But damn, this is inefficient waiting two minutes lol. This is no use.

int - July 24, 2019, 8:32 am

(Jul 24, 2019 08:29 AM)riu41776 Wrote: [\[CITE\]](#) Haven't you heard of regular expressions and string interpolation feature in C# 6.0?

Yeah, after looking at the usage second time i understood that the first request is to upload the captcha and then process it. But damn, this is inefficient waiting two minutes lol. This is no use.

what the fuck does regex or string interpolation have to do with this?

and if its inefficient waiting 2 minutes, then write a better way (I'm doing 2 minutes so I don't spam their servers and waste my money)

riu41776 - July 24, 2019, 8:37 am

(Jul 24, 2019 08:32 AM)int Wrote: [\[CITE\]](#) what the fugg does regex or string interpolation have to do with this?

and if its inefficient waiting 2 minutes, then write a better way (I'm doing 2 minutes so I don't spam their servers and waste my money)

You're doing string concatenation which is slow and ugly to the eyes.

String interpolation is easy as `\${Variable}SomeString`.

Regex is to extract information easily... from the input text.

tweety - July 24, 2019, 8:39 am

(Jul 24, 2019 08:37 AM)riu41776 Wrote: [\[CITE\]](#) You're doing string concatenation which is slow and ugly to the eyes.

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Regex is to extract information easily... from the input text.
agreed with the string interpolation, disagree with the regex

regex is slow.

vaiperboy - July 24, 2019, 8:42 am

stuff to improve:

- go the OOP way with this to make it "more flexible"
- start using string interpolation, much easier to read
- its 2k19, go asynchronous
- after checking the status code, get the response by split
- never ever make that delay hard-coded but rather use a slow poll loop (with a timeout ofc)
- for god's sake, dont expect everything to be perfect and at least check the status codes
- remove the console.write part
- use tasks (for cancellation + tons of other shit)

I'll leave the learning part to you. if you're confused with any part lmk

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(Jul 24, 2019 08:37 AM)riu41776 Wrote: [\[CITE\]](#) You're doing string concatenation which is slow and ugly to the eyes.

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I would have just called it string.format instead of string interpolation, which I guess is better, but I'm used to string concat

(Jul 24, 2019 08:42 AM)vaiperboy Wrote: [\[CITE\]](#) stuff to improve:

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- ok
- maybe
- probably not
- should probably check status code
- delay is a slow poll loop RN, in my other projects

- yeah, in C++ I would have done more error handling and shit
- used for debugging
- fuck tasks

riu41776 - July 24, 2019, 8:44 am

(Jul 24, 2019 08:39 AM)tweety Wrote: [\[CITE\]](#) agreed with the string interpolation, disagree with the regex

regex is slow.

Regex is "slow" on huge inputs, but i still don't agree with it being slow.

We're in 2019, hardware are getting better so your opinion would be true years ago.

int - July 24, 2019, 8:44 am

(Jul 24, 2019 08:44 AM)riu41776 Wrote: [\[CITE\]](#) Regex is "slow" on huge inputs, but i still don't agree with it being slow.

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regex is for fucking idiots fuck regex

riu41776 - July 24, 2019, 8:47 am

Most of the "coders" i see here are amateurs not applying OOP techniques like SOLID principles and programming against interfaces instead of implementations.

vaiperboy - July 24, 2019, 8:47 am

(Jul 24, 2019 08:42 AM)int Wrote: [\[CITE\]](#) I would have just called it string.format instead of string interpolation, which I guess is better, but I'm used to string concat

- ok
 - maybe
 - probably not
 - should probably check status code
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 - yeah, in C++ I would have done more error handling and shit
 - used for debugging
 - fugg tasks and why is that? tasks are perfect for your job
- you can cancel one whenever you like

int - July 24, 2019, 8:51 am

(Jul 24, 2019 08:47 AM)vaiperboy Wrote: [\[CITE\]](#) and why is that? tasks are perfect for your job

you can cancel one whenever you like
tasks are retarded as fuck, last I tried it was either in java for some android garbage or discord bots didn't like the format

vaiperboy - July 24, 2019, 8:54 am

(Jul 24, 2019 08:51 AM)int Wrote: [\[CITE\]](#) tasks are retarded as fugg, last I tried it was either in java for some android garbage or discord bots didn't like the formatmate, whats the issue?

```
Code public static Task<string> send_captcha(CancellationTokens cancel) {
    await the stuff;
    return big ?? string.Empty; // never return null
}
```

Code await send_captcha(CancellationToken.None); // <<< This will return string

+Haze - July 24, 2019, 10:54 am

Code is awful is you ask me, you should not be releasing stuff like that.

int - July 24, 2019, 11:01 am

(Jul 24, 2019 10:54 AM)+Haze Wrote: [\[CITE\]](#) Code is awful is you ask me, you should not be releasing stuff like that.

Well, I didn't ask, so no need to reply

+Haze - July 24, 2019, 1:21 pm

(Jul 24, 2019 11:01 AM)int Wrote: [\[CITE\]](#) Well, I didn't ask, so no need to reply

That's what this forum is for, it's a community of "programmers", so expect criticism.

Exeter - July 24, 2019, 10:45 pm

(Jul 24, 2019 01:21 PM)+Haze Wrote: [\[CITE\]](#) That's what this forum is for, it's a community of "programmers", so expect criticism.

if you cant appreciate, then dont complain.

vaiperboy - July 25, 2019, 3:48 am

(Jul 24, 2019 10:45 PM)Exeter Wrote: [\[CITE\]](#) if you cant appreciate, then dont complain.that was so deep man lmao

i love it

DNA - July 25, 2019, 11:35 am

I simply used a for loop until I got a response and then used enums to determine the response.

Also all of what you have shown is displayed on their site...

int - July 25, 2019, 11:36 am

(Jul 25, 2019 11:35 AM)Jelly Wrote: [\[CITE\]](#) I simply used a for loop until I got a response and then used enums to determine the response.

Also all of what you have shown is displayed on their site...

yeah? they use this exact code 1:1 on their site? I must be a celebrity!

and for loops are fucking garbage;

```
while(response == "not_ready")  
//sleep then retry
```

DNA - July 25, 2019, 11:37 am

(Jul 25, 2019 11:36 AM)int Wrote: [\[CITE\]](#) yeah? they use this exact code 1:1 on their site? I must be a celebrity!

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While loops are more uncontrolled then for loops.

I didn't say it was the exact same?

int - July 25, 2019, 11:39 am

(Jul 25, 2019 11:37 AM)Jelly Wrote: [\[CITE\]](#) While loops are more uncontrolled then for loops.

I didn't say it was the exact same?

while loops are the proper way to do this, no bullshit casting with enums

DNA - July 25, 2019, 11:40 am

(Jul 25, 2019 11:39 AM)int Wrote: [\[CITE\]](#) while loops are the proper way to do this, no bullshit casting with enums

I've had bad experiences with while loops, to the point where I've had to hard boot my PC.

Horses for courses.

Thanks for sharing with the community as well, I'm sure many people will find this useful.

MavenGradle - July 25, 2019, 2:13 pm

(Jul 24, 2019 08:51 AM)int Wrote: [\[CITE\]](#) tasks are retarded as fugg, last I tried it was either in java for some android garbage or discord bots

didn't like the format

If you're unfamiliar with the asynchronous programming model, that's not because a Task object is "retarded"..

In fact, asynchronous programming is and has been the way to go for quite a few years now.

Failing to see the point of asynchronous programming is not the fault of said model, but rather the interpreter.

More so in Java and Android development, because frame skips and unresponsiveness in your mobile app is an absolute no-no. That's the first thing they generally teach at school these days for mobile development if I'm not mistaken. Failing to do so would be an immediate F on an exam.

DNA - July 26, 2019, 1:05 am

(Jul 25, 2019 02:13 PM)MavenGradle Wrote: [\[CITE\]](#) If you're unfamiliar with the asynchronous programming model, that's not because a Task object is "retarded"..

In fact, asynchronous programming is and has been the way to go for quite a few years now.

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I honestly couldn't be bothered with asynchronous functions when I wrote mine because I don't need to know everything in between, only before and after, hence why I simply used an infinite for loop and when a response is received, change the ascending variable.

I only use asynchronous tasks for loading something with a known end point.

However with all this being said, I'm sure we can all agree that if it's a function that has a start and end point where we don't need to know what happens in between, a for loop, while loop and asynchronous events can all perform the same task in the same amount of time.

As I said before, horses for courses.

(Jul 24, 2019 08:39 AM)tweety Wrote: [\[CITE\]](#) agreed with the string interpolation, disagree with the regex

regex is slow.

Not slow enough to cause problems.

Edit: Ate my own words today. Mouse functions wouldn't play nice without async methods.