

Forum:[Hack Forums](#)

Thread: [Instagram user data scraper](#)

Chickendipper - June 19, 2015, 7:12 am

Since my time was wasted, I am posting this. It will scrape the following information for a specified instagram username: Amount of followers

Whether or not they are verified

Their username

Their description

InstagramUser.cs:

Code using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace InstagramScraper

```
{
    class InstagramUser
    {
        public bool isVerified;
        public int followers;
        public string username;
        public string description;

        public void parsePage(string ua, string user)
        {
            using (Request r = new Request(ua))
            {
                string response = r.requestString("https://instagram.com/" + user);
                parsePage(response);
            }
        }

        public void parsePage(string response)
        {
            //Verified
            string verified = "\"is_verified\"";
            if (response.Contains(verified))
            {
                int startIndex = response.IndexOf(verified);
                int endIndex = response.IndexOf(",", startIndex);
            }
        }
    }
}
```

```

        string verifiedVal = response.Substring(startIndex + verified.Length, (endIndex -
(startIndex + verified.Length)));
        isVerified = (verifiedVal == "true" ? true : false);
    }

    //Followers
    string follower = "\"followed_by\":{\"count\":";
    if (response.Contains(follower))
    {
        int startIndex = response.IndexOf(follower);
        int endIndex = response.IndexOf("}", startIndex);
        string follow = response.Substring(startIndex + follower.Length, (endIndex - (startIndex +
follower.Length)));
        followers = Int32.Parse(follow);
    }

    //Username
    string name = "<meta property='og:url' content='https://instagram.com/";
    if (response.Contains(name))
    {
        int startIndex = response.IndexOf(name);
        int endIndex = response.IndexOf("/", startIndex + name.Length);
        string n = response.Substring(startIndex + name.Length, (endIndex - (startIndex +
name.Length)));
        username = n;
    }

    //Description
    string bio = "\"biography\":";
    if (response.Contains(bio))
    {
        int startIndex = response.IndexOf(bio);
        int endIndex = response.IndexOf("\",", startIndex + bio.Length);
        string desc = response.Substring(startIndex + bio.Length, (endIndex - (startIndex +
bio.Length)));
        description = desc;
    }
}
}
}
Request.cs:
Code using System;
using System.Collections.Generic;
using System.Linq;
using System.Net;
using System.Text;
using System.Threading.Tasks;

namespace InstagramScraper
{
    class Request : IDisposable
    {
        private string useragent;

```

```

private WebClient wc;

public Request(string ua)
{
    useragent = ua;
    wc = new WebClient();
    wc.Headers.Add("User-Agent", ua);
    wc.Headers.Add("Accept",
"text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8");
    wc.Headers.Add("Accept-Language", "en-US,en;q=0.5");
    //wc.Headers.Add("Connection", "close");
    wc.Headers.Add("Cache-Control", "max-age=0");
}

public string requestString(string uri)
{
    try {
        string resp = wc.DownloadString(@uri);
        return resp;
    }
    catch (Exception ex)
    {
        return ex.Message;
    }
}

public void Dispose()
{
    wc.Dispose();
}
}

```

Usage:

```
Code InstagramUser iu = new InstagramUser().parsePage("Mozilla/4.0 (compatible; MSIE 7.0;
Windows NT 6.0)", "snoopdogg");
```

majabrown - December 18, 2016, 3:33 am

this one will help me mate thanks

+Haze - December 18, 2016, 8:06 am

The code is absolutely terrible

Ninja - December 18, 2016, 8:32 am

A ternary operator for a true/false condition? You do know that a condition is basically a function that returns true or false, right. And you should use properties instead of public fields. And your string parsing isn't bad, but I suggest using Regex for it next time. And the Request class is pretty bad if I may say so myself... also work on your naming conventions.

(Dec 18, 2016 09:06 AM)+Haze Wrote: [\[CITE\]](#) The code is absolutely terrible
How about you are not a cunt and tell him what is terrible or shut your mouth?

idb. - December 18, 2016, 8:42 am

(Dec 18, 2016 09:32 AM)Ninja Wrote: [\[CITE\]](#) How about you are not a cunt and tell him what is terrible or shut your mouth?

How about you stop acting like you're the mod of this section? It's never going to happen.

+Haze - December 18, 2016, 9:57 am

(Dec 18, 2016 09:32 AM)Ninja Wrote: [\[CITE\]](#) How about you are not a cunt and tell him what is terrible or shut your mouth?

Are you okay? Can you not tell by ops thread that it's likely the code was not written by him? It's likely he paid a freelancer to do it for him who didn't complete it so he just gave the code out, so you suggesting him ways to improve the code is pointless, not to mention half of what you said was nonsense.

Ninja - December 18, 2016, 10:35 am

(Dec 18, 2016 10:57 AM)+Haze Wrote: [\[CITE\]](#) Are you okay?Yes.

(Dec 18, 2016 10:57 AM)+Haze Wrote: [\[CITE\]](#) Can you not tell by ops thread that it's likely the code was not written by him?

No.

(Dec 18, 2016 10:57 AM)+Haze Wrote: [\[CITE\]](#) not to mention half of what you said was nonsense. So what exactly was nonsense. Point one thing out.

(Dec 18, 2016 09:42 AM)idb. Wrote: [\[CITE\]](#) How about you stop acting like you're the mod of this section? It's never going to happen.

Im not acting like the mod of this section, but telling someone his code is bad without telling him what is bad is a dick move.

tweety - December 18, 2016, 6:29 pm

(Dec 18, 2016 09:32 AM)Ninja Wrote: [\[CITE\]](#) A ternary operator for a true/false condition? You do know that a condition is basically a function that returns true or false, right. And you should use properties instead of public fields. And your string parsing isn't bad, but I suggest using Regex for it next time. And the Request class is pretty bad if I may say so myself... also work on your naming conventions.

How about you are not a cunt and tell him what is terrible or shut your mouth?

Are you new here?

Chickendipper - December 19, 2016, 7:37 am

Daily reminder to not necro threads

(Dec 18, 2016 09:32 AM)Ninja Wrote: [\[CITE\]](#) A ternary operator for a true/false condition? You do know that a condition is basically a function that returns true or false, right. And you should use properties instead of public fields. And your string parsing isn't bad, but I suggest using Regex for it next time. And the Request class is pretty bad if I may say so myself... also work on your naming conventions.

How about you are not a cunt and tell him what is terrible or shut your mouth?

I'm well aware of all of these changes by now - the thread is over a year old. I had written the code sloppily and quickly for a freelancing gig, and then I was promptly told to fuck off. I don't write IG bots usually, so it was of no use to me. I think originally I was going to make InstagramUser

instantiated by name (hence its not static) but just didn't for whatever reason.

However, even though it's not needed, I do thank you for the feedback. I would have appreciated it if I hadn't improved since :p

(Dec 18, 2016 09:42 AM)idb. Wrote: [\[CITE\]](#) How about you stop acting like you're the mod of this section? It's never going to happen.

Constructive criticism is always nice - even if the code was made over a year ago. Stop trying to get your dick wet and let someone try to bring this section out of the deep shit it's in.

(Dec 18, 2016 10:57 AM)+Haze Wrote: [\[CITE\]](#) Are you okay? Can you not tell by ops thread that it's likely the code was not written by him? It's likely he paid a freelancer to do it for him who didn't complete it so he just gave the code out, so you suggesting him ways to improve the code is pointless, not to mention half of what you said was nonsense.

Incorrect. I wrote it over a year ago. In fact, the scenario is the other way around - I was being paid to do this, wrote some quick, sloppy concept code, and had no use for it after they told me to fuck off.

(Dec 18, 2016 11:35 AM)Ninja Wrote: [\[CITE\]](#) Im not acting like the mod of this section, but telling someone his code is bad without telling him what is bad is a dick move.

Precisely.