

Forum:[Hack Forums](#)

Thread: [\[C#\] Basic RAT with source and explanation.](#)

PurpleHaze - August 19, 2010, 6:48 pm

I spent yesterday and today learning C# Sockets and I have a fairly strong grasp now. Here is a basic RAT that I made.

[IMG][http://i53.\[censored\].com/29liikg.png](http://i53.[censored].com/29liikg.png)[/IMG]

Download: <http://www.mediafire.com/?1vwl33zzdlj63s>

Classes and namespaces. [TcpListener](#)

[Socket](#)

[NetworkStream](#)

[StreamReader](#)

[StreamWriter](#)

[Thread](#)

[Dictionary](#)

[IPAddress](#)

So to start I created a new TcpListener and told it to listen on any IPAddress and I binded it port 6666.

I then created two new threads. One thread will be to handle all new incoming connections so I called that "_ConnectionLoop" and it started the method "ConnectionLoop". The other thread will be to update the bot list to either remove bots or add new ones. The thread is called "_UpdateBotList" and the method is "UpdateBotList".

The thread _ConnectionLoop will take a new connection from the TcpListener and turn it into a Socket. It then saves that socket into the Dictionary, and assigns it an identification number in numerical order.

The thread _UpdateBotList has two parts. The first will check the Dictionary and the botlist to see if there are any matching pairs. If nothing is found it will add one. The second will check to see if the bot is still connected to the host and if not it will be removed from both the Dictionary and the botlist.

When a bot is select from the botlist it will open up the socket from the Dictionary and send it three messages over NetWorkstream + StreamWriter. The messages are "GetUsername", "GetOS", "GetMachineName". The server file is ran into a continuous loop reading all messages and evaluating what to do through a Switch statement. On the server file I have a Class named "Methods" where I have all the code I need for the server to be able to find the Username, OS, and MachineName. The server then returns that information and the client sets that information in the labels.

Of course you will need to view the full source to fully understand what is going on.

I only added error catching where it was necessary, so you might experience crashes.

I also have methods that were never used and you might see random comments. That is because I

was using this to learn, and I have achieved that.

Download: <http://www.mediafire.com/?1vwl33zzdlj63s>

Aeonhack Archivist - August 19, 2010, 9:43 pm

Thank you very much for this source. It is simple, clean, and very easy to understand. I will learn a lot from it.

Charny - August 19, 2010, 10:39 pm

Nice share :P..

If it would have been in VB.net, you would have got something like 50 replies. <.<

FluR0 - August 19, 2010, 11:00 pm

(Aug 19, 2010 10:39 PM)Charny Wrote: [\[CITE\]](#) Nice share :P..

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nou C# is FTW VB.NET is a horrible excuse for a language.

Charny - August 19, 2010, 11:02 pm

(Aug 19, 2010 11:00 PM)FluR0 Wrote: [\[CITE\]](#) nou C# is FTW VB.NET is a horrible excuse for a language.

I know.. But the section is filled with VB.net skids & leechers (NOT EVERYONE).

laptopguy - August 19, 2010, 11:38 pm

Nice contribution; I'm glad it's in C# and not that shit VB.

Threadlocks - August 19, 2010, 11:39 pm

very good kepp it up mate :p

Coder - August 19, 2010, 11:41 pm

Thanks for the tutorial. :)

clydedoris - August 20, 2010, 12:50 am

nice start i guess..short

enacje - August 20, 2010, 1:20 am

Good to see I'll take a look in it :)

PurpleHaze - August 20, 2010, 7:11 am

I know that more people use VB which is why I put this in C# because there is not enough information in here for C#.

Elios - August 20, 2010, 9:59 am

(Aug 20, 2010 07:11 AM)PurpleHaze Wrote: [\[CITE\]](#) I know that more people use VB which is why I put this in C# because there is not enough information in here for C#.

Thank you mate. Really appreciated the c# version.

As you said "there is not enough information in here for C#".

Thanks!

SLAPYA - August 20, 2010, 12:56 pm

yes...thanks so much bro. Im so glad its in C# b/c I love C# and im sick of just seeing vb.net

everywhere on this site.

great job bro

Screwbacca - August 21, 2010, 10:10 am

(Aug 19, 2010 11:38 PM)kRaeTwin Wrote: [\[CITE\]](#) Nice contribution; I'm glad it's in C# and not that shit VB.

Could not have been said any better. VB is shit.

D3r1v4t1v3 - August 21, 2010, 11:17 am

This is really good PH! This will help me in my learning of sockets for C#. I was planning on learning them for VB.NET first lol but never mind. Thank you. As Charny said if this was in VB.NET you'd have got like 50 replies.

NICOTINE. - August 21, 2010, 11:54 am

thanks for the source

i think RAT coded by C# it will be more powerful

PurpleHaze - August 21, 2010, 11:57 am

(Aug 21, 2010 11:54 AM)Dragon_Hack Wrote: [\[CITE\]](#) i think RAT coded by C# it will be more powerful

C# does not have any more power than Visual Basic.

There are slight difference such as VB has the "My" namespace and C# can use "structs".

But really they are not that different.

xhtmlphp™ - August 22, 2010, 6:49 pm

Looks nice, I'm going to take a look at it, I get confused when theres more then one connection xD

Ui Hirasawa - August 22, 2010, 7:34 pm

Thanks for the share Purple :).

Pyro™ - August 22, 2010, 7:52 pm

Dude, this is very nice. Good share PurpleHaze ;)

TNTX33 - August 23, 2010, 1:18 pm

Yes, VB is so shitty.

But VB.NET is not.

killerdoob420 - August 23, 2010, 2:31 pm

(Aug 23, 2010 01:18 PM)TNTX33 Wrote: [\[CITE\]](#) Yes, VB is so shitty.

But VB.NET is not.

na, vb6 is better than vb.net but C# trumps both

xSilent - August 25, 2010, 6:57 am

Thanks for the sources, I only knew how to use winsock oracas well, but now I know how to use sockets.

Vorfin - August 25, 2010, 7:19 am

(Aug 23, 2010 02:31 PM)killerdoob420 Wrote: [\[CITE\]](#) na, vb6 is better than vb.net but C# trumps both

VB.NET and C# are more or less the exact same thing, they compile the same, they do the same, there are only tiny differences. You could argue VB.NET is superior because it handles XML Files better.

laptopguy - August 25, 2010, 8:03 am

(Aug 25, 2010 07:19 AM)Vorfin Wrote: [\[CITE\]](#) VB.NET and C# are more or less the exact same thing, they compile the same, they do the same, there are only tiny differences. You could argue VB.NET is superior because it handles XML Files better.

C# has a nicer programming syntax to it though.

Mad_doG - August 25, 2010, 4:03 pm

I'll have to take a look at the source to this, might help me in learning C# and how to program a RAT, both things of which I want to do.

Morphine_Injection - September 11, 2010, 8:07 pm

damt, it is Visual Studio 2010, mine is 2008 :(

Although, I'm making my own C#.NET rat, maybe I will share when it is finished :)

PurpleHaze - September 12, 2010, 3:35 pm

(Sep 11, 2010 08:07 PM)Morphine_Injection Wrote: [\[CITE\]](#) damt, it is Visual Studio 2010, mine is 2008 :(

Although, I'm making my own C#.NET rat, maybe I will share when it is finished :)
Just download the 2010 Express. It is free. Or just torrent the real version.

TurokPD - September 12, 2010, 10:08 pm

thank you for this, finally something in C# ...

M?tto - September 21, 2010, 9:30 pm

I like the way you think, very good way to learn things i'll give you that.

t3h h4x - November 12, 2010, 11:48 am

Nice. But you should use try catch over your while (true) loop in the Program class.

John4782 - February 11, 2012, 12:55 pm

Link dead, could someone reupload?

..

PurpleHaze - July 21, 2012, 3:03 pm

(Feb 11, 2012 01:55 PM)John4782 Wrote: [\[CITE\]](#) Link dead, could someone reupload?

..

Sorry I haven't been active on these forums for a while. I got a lot of stuff in my source folders so I hope I can find this. Will definitely reupload if it will help people learn.

Dark_Noodles - July 21, 2012, 3:43 pm

Nice share OP. I'm not grave digging, as to it says this thread was updated today. Whenever you find the link, please upload. Thanks!

hazeleekaizera - July 21, 2012, 9:21 pm

Thank you very much for this source. It is simple, clean, and very easy to understand. I will learn a lot from it. i agree with kabahn comment

Dark_Noodles - July 22, 2012, 6:45 am

(Jul 21, 2012 09:21 PM)hazeleekaizera Wrote: [\[CITE\]](#) Thank you very much for this source. It is

simple, clean, and very easy to understand. I will learn a lot from it. i agree with kabahn comment
But the link is down? How can you learn from it if it's down xD
Unless you got it when it was up o.O

PurpleHaze - *October 13, 2012, 4:07 pm*

I tried looking for the source on my old hard drives but couldn't find it.

Sorry to those you were wanting to learn about TcpListener and sockets.

I did find a very nice RAT using C# as the "server" and PHP as a web based viewing client.

<https://hackforums.net/showthread.php?tid=2940186>

XWAREZX - *October 23, 2012, 8:37 am*

link is dead can u share upload new one..thanks

Debroski - *October 23, 2012, 11:56 am*

(Oct 23, 2012 08:37 AM)XWAREZX Wrote: [\[CITE\]](#) link is dead can u share upload new one..thanks

Did you not even read the last like 4 posts?

Psychotiic - *October 24, 2012, 7:45 am*

this seems really nice but the file isn't there anymore ?