

Forum:[Hack Forums](#)

Thread: [\[TUTORIAL\]C# Beginner Networking Tutorial Pt. 1 : The Server\[TUTORIAL\]](#)

ShockLabs - January 28, 2009, 5:53 pm

```
Code using System;
using System.Collections.Generic;
//Networking namespace
using System.Net.Sockets;
//StreamReader namespace
using System.IO;
using System.Text;

namespace CS_Networking_Tutorial
{
    class Server
    {
        static void Main(string[] args)
        {
            //Create a TcpListener to listen for the client's connection! (Listens on port 100, change to
            what you want.)

            TcpListener Listener = new TcpListener(100);

            //Start the server.

            Listener.Start();

            //Wait for a pending connection
            while(true)
            {
                if (Listener.Pending())
                {
                    //Keep listening until we get a pending connection, then break out of the loop.
                    break;
                }
            }

            //Create a new TcpClient to accept the connection with

            TcpClient Client = Listener.AcceptTcpClient();

            //Gets the stream (data stream) from Client into a streamreader

            StreamReader Reader = new StreamReader(Client.GetStream());

            //Keep reading and displaying data

            while (true)
            {
```

```

try
{
    //Read a message from the client

    string Msg = Reader.ReadLine();

    //Display the message on the console

    Console.WriteLine("Received: " + Msg + ".");

}
catch
{
    //Couldn't read data; close connection.
    Console.WriteLine("Client left!");
    Reader.Close();
    Client.Close();
    Listener.Stop();
    break;
}
}
}
}
}
}
}
}
}
}
}

```

Commented the code for ya. If you still have questions just ask through MSN :

shockwave@fbi.gov

OR

post here ?

I GOT A DOMAIN ?

[yay](#)

[Evolution] - January 28, 2009, 6:03 pm

Thx for another great program. Works very well.

ShockLabs - January 28, 2009, 6:30 pm

(Jan 28, 2009 07:03 PM)EvolutionN Wrote: [\[CITE\]](#) Thx for another great program. Works very well.?

Scryrain - January 28, 2009, 7:57 pm

Great Tutorial. I don't know C#, but it looks great. ?

ShockLabs - January 28, 2009, 8:25 pm

(Jan 28, 2009 08:57 PM)Scryrain Wrote: [\[CITE\]](#) Great Tutorial. I don't know C#, but it looks great. ??

ohytheng - January 28, 2009, 10:11 pm

ShockLabs,what does this program does?

?

Thanks..

}Kernel32 - January 29, 2009, 3:48 am

yaaay Always Great :)

BravO For You Domain :) ^^

rogue - January 29, 2009, 5:49 am

Nice program friend, ive never used C# before (was in jail for 5 yrs) but it looks very elegant just a quick question, do you have to use it in windows with the .NET framework?

-rogue

ShockLabs - January 29, 2009, 3:16 pm

(Jan 29, 2009 06:49 AM)rogue Wrote: [\[CITE\]](#) Nice program friend, ive never used C# before (was in jail for 5 yrs) but it looks very elegant just a quick question, do you have to use it in windows with the .NET framework?

-rogueYeah ?

jujuismynname - February 10, 2009, 9:02 pm

seems complicated.. ehhe

satanswrath - February 11, 2009, 11:50 am

Wow, C# looks way less complicated then C++ in Network programming