

Re: HowTo, Download first 1024 bytes of file ONLY?

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework/2006-03/msg00948.html>

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 - *Date:* Tue, 28 Mar 2006 22:36:37 +0100
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NutsAboutVB wrote:

Basically, the title explains it.

I want to be able to read the first n bytes (say, 1024 bytes) of any file (text or binary) off the internet in my vb.net application. I specifically do not want to download the whole file (which in most cases will be significantly large compared to the portion i do want).

Well, I'm no specialist (I started programming C# err... yesterday.

But, how about something like this horrible non-compileable code snippet (most of which was stolen from a Microsoft C# socket example) :

```
int port = PORT_NUMBER;
string server = SERVER_NAME;
```

```
Socket s = null;
IPHostEntry hostEntry = null;
hostEntry = Dns.GetHostEntry(server);
```

```
foreach (IPAddress address in hostEntry.AddressList)
{
    IPEndPoint ipe = new IPEndPoint(address, port);
    Socket tempSocket = new Socket(ipe.AddressFamily,
    SocketType.Stream, ProtocolType.Tcp);
```

```
try
{
```

```
tempSocket.Connect(ipe);
```

```
    }
catch { }
finally
{
```

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```
}

if (tempSocket.Connected)
{
s = tempSocket;
break;
}
else
{
// explain to the user why we can't service the request,
// and either try again or abend.

DialogResult dr = MessageBox.Show(

"We don't appear to be able to connect
to the server. Is it running ?", "Socket Error",
MessageBoxButtons.RetryCancel,
MessageBoxIcon.Exclamation,
MessageBoxDefaultButton.Button1);

continue;
}

}

// Send request to the server.

s.Send(Request, Request.Length, 0);

int bytes = 0;
i = 0;
// The following will block until the data is transmitted.
for (; ; )
{

// This returns a stream of b
```

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