

## RE: Can I consume a web service with a Socket in c# ?

**Source:**

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.webservices/2004-09/0325.html>

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You can definitely use sockets to write and consume web services, but why not to use web services support that is built into .NET and J2EE? It takes very little code to consume or create a web service compared to using Sockets.

"John Bailo" wrote:

>  
> I wrote a .NET/c# webservice which I then needed to consume from java server  
> pages.  
>  
> The simplest ( and best ) solution I found, was some code to open a socket,  
> and send a SOAP message directly to it...constructing the SOAP message with  
> a class that builds the string.  
>  
> Then I parse the return soap message for the result.  
>  
> Now I wonder, can I do the same thing in a c# client. All I want to do is  
> open a Socket to the web service, send the SOAP message and retrieve the  
> result as a string.  
>  
> Can I do this in c#:  
>  
> Server = IPAddress;  
> Socket s = new Socket(Server, 80);  
> OutputStream os = socket.getOutputStream();  
> PrintWriter out1 = new PrintWriter(socket.getOutputStream, true);  
>  
> And then send a soap message to it with:  
>  
> out1.println("POST " + WebservicePath + " HTTP/1.1");  
> out1.println("Host: " + ServiceName);  
> ....  
>  
> and so on...  
>

microsoft.public.dotnet.framework.webservices: RE: Can I consume a web service with a Socket in c# ?

- > *This is where I found that java code ( it's in an applet, but I converted it*
- > *to use in a jsp page ):*
- >
- > <http://www.codeproject.com/soap/WSfromJava.asp>
- >
- >
- > --
- > <http://www.texeme.com>
- >