

Re: Pushing data from the server to the client

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.remoting/2005-02/0237.html>

From: RCS (rseder_at_gmail.com)

Date: 02/15/05

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Not as far as I know. Whenever I've needed that (and that's twice) – I created a TcpClient/TcpServer to handle this.

"DW" <ddddddwwwwww@hotmail.com> wrote in message
news:geydnQPG_6vJ0IzfRVn-sQ@rcn.net...
> Are there any good resources in existence that explain how to set up a
> push
> model using .Net Remoting and/or .Net Web Services?
>
> "RCS" <rseder@gmail.com> wrote in message
> news:VHgOd.3725\$hU7.428@newssvr33.news.prodigy.com...
>> First thing that comes to mind, is I'd consider having a TcpServer on
>> your client that listens.. have your server connect and send it a
>> command – like "UPDATE" when there is a change. When your client receives
>> that, it hits your web service or uses remoting. Seems like you could use
>> a publish/subscribe pattern here too – but *how* is the tricky part.
>> Because I assume you need real-time – and that's what makes it funny. If
>> you are doing this on a per-security basis, that is going to be BRUTAL,
>> on the server, on your app and on the network.
>>
>> But also, I am willing to bet you are using delayed quotes, because
>> real-time quotes are super-expensive and difficult to get at
>> programatically (from my experience) but delayed quotes you can get from
>> anywhere, and if you are a brokerage firm, you even have a few options no
>> doubt.
>>
>> If that's the case, why not just have a cache of prices locally and just
>> go get updates every few minutes? That way, you will always have
>> information on the client machine, and it's never any older than
>> lastcheck + originaldelay.. so say if you check every 2 minutes and your
>> original quotes are delayed 20 minutes, the data is never older than 22
>> minutes, sometimes less.??
>>
>> And as far as Java vs. .NET web services – I had the pleasure recently to
>> see textbook technology at work – we use a vendor, they wrote a web
>> service that I didn't have access to yet (because of infrastructure
>> issues). They gave me the .wsdl file for the web service (which was

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>> *written in Java). So I mocked up a facade web service on my side in .NET
>> that had this interface and wrote to it. I developed to that interface
>> for a couple months and the consumer was all in .NET (C#)!!
>>
>> On the day when I could finally access thier web service, I literally
>> just changed the URL from my facade, to point to them and it worked
>> perfectly right away, and has continued to work ever since.
>>
>> So having a .NET or Java web service as your back-end should be
>> completely invisble to you.
>>
>> Remoting doesn't sound like a reasonable idea because you'd have to have
>> the remoting dll on each client machine and the stub on the server. The
>> connection management of Remoting is almost non-existent, so it's very
>> difficult to manage "what" your application is doing over the wire or
>> over in the client app. There is also quite a bit of overhead per
>> connection with Remoting, so you'd also have a practical limit based on
>> CPU and RAM of your server..
>>
>> HTH..
>>
>>
>> "DW" <ddddwww@hotmai.com> wrote in message
>> news:PZ-dneahRaTC9pTfRVn-2Q@rcn.net...
>>> Hi,
>>>
>>> Here is my question. I want to push security prices to the desktop from
>>> the server. Whenever there is a new price in the database, the server
>>> notifies the client. How can this be done in the following situations
>>> using MS .NET Winforms on the desktop:
>>>
>>> 1. Using .NET Web Services on server
>>>
>>> 2. Using Java Web Services on server
>>>
>>> 3. Using .NET Remoting on server
>>>
>>> Thanks.
>>>
>>> – David W.
>>>
>>
>>
>
>*