

Re: Just tell me why ? so confuse...

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Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet.webservices/2005-11/msg000>

- *From:* "Scott M." <s-mar@xxxxxxxxxxxxxx>
 - *Date:* Thu, 10 Nov 2005 17:21:23 -0500
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Peter,

I have to disagree with your assesment that when you have total control over the entire application, that a proprietary solution is best. I'm not sure why you say that "it is usually recommended" to do this and that "the recommended solution" is to go that way.

In my experience, working for large enterprises, I find just the opposite. Even though these companies do have total control over the entire application (intranet applications), they do NOT want to buy into a 100% proprietary solution to connect the presentation layer to the services layer. In fact, they (again, in my experience) want to make the presentation to services connection as non-proprietary and as platform-independant as possible (web services) to allow them scalability and flexibility in the future.

Now, on the back end is a different story... Connecting a web service to a business layer and that business layer to a data layer, is very often done with 100% proprietary techniques.

IMHO
-Scott

"Peter Kelcey" <Peter.Kelcey@xxxxxxxx> wrote in message
<news:1131655982.297085.213650@xx>

> Serge,

>

> It is true that web services can sometimes be the wrong technology to
> use when accessing data. However, there are other times when they are
> the best solution. It depends on what you are trying to achieve with
> your solution. I'll try to explain.

>

> Web services and service oriented architectures are often used in the
> wrong places by people designing applications. This usually occurs when
> people use web services to connect a presentation layer to their
> business or data layers within the same application. Web services are
> based on "open" and vendor independent technologies such as XML, HTTP
> and SOAP. Therefore they offer the best solution for interoperability,

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- > but they do trail far behind other technologies in terms of
- > performance. Proprietary technologies such as .NET remoting take
- > advantage of a lot of performance boosts that web services can't.
- > Therefore, when you have control of the entire application from
- > presentation layer through to business and data layers, it is usually
- > recommended to use a vendor specific technology and avoid the large
- > overhead of web services. For example, if you have a Microsoft windows
- > form that needs to access Microsoft based business components on
- > another computer, the recommended solution for connecting the two layer
- > would probably be to use Microsoft .NET remoting. It will give you much
- > better performance than web services while still allowing you to easily
- > connect the two layers.
- >
- > Where web services really provide a great solution is when you are
- > integration two systems/layers/applications that you don't have full
- > control over or that don't share the same technology. In a case such as
- > this your number one priority is getting the two systems to communicate
- > properly and performance comes after that.
- >
- > So what you need to determine is what your requirements are and what
- > problem you are trying to solve. Since you are trying to build a
- > solution for you client, I would think that web services are your best
- > solution. I would guess that the client is in control of their own
- > technology and that you aren't free to dictate a proprietary
- > technology such as DCOM or .NET remoting. The problem facing you seems
- > to be and integration problem and not a performance problem. Unless
- > there are other requirements that you haven't listed here (such as
- > service level agreements outlining response times) I would recommend
- > sticking with your web services based solution.
- >
- > Hope that helps
- >
- > Peter Kelcey
- >

• ***Follow-Ups:***

- ◆ ***Re: Just tell me why ? so confuse...***
◇ *From: Peter Kelcey*

• ***References:***

- ◆ ***Re: Just tell me why ? so confuse...***
◇ *From: Scott M.*
- ◆ ***Re: Just tell me why ? so confuse...***
◇ *From: serge calderara*
- ◆ ***Re: Just tell me why ? so confuse...***
◇ *From: Peter Kelcey*

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