

## Re: .Net or J2EE?

**Source:**

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2004-04/3069.html>

---

**From:** Bjorn Abelli (*bjorn\_abelli\_at\_DoNotSpam.hotmail.com*)

**Date:** 04/13/04

Date: Tue, 13 Apr 2004 02:21:40 +0200

"Jonathan Li" wrote...

- > *I posted a thread in another group. I could not get*
- > *satisfactory feedback. I would like to try if anybody*
- > *in this group can help me out.*

I don't know what you mean by "satisfactory feedback", but I think that the answers you got in microsoft.public.dotnet.framework.adonet, microsoft.public.dotnet.framework.aspnet and microsoft.public.dotnet.framework.windowsforms pretty much covers the most.

- > *My plan was, to develop components at server side*
- > *(something like EJBs).*

.NET lacks anything remotely close to the concept of EJBs.

However, ADO.NET have other advantages that can make that a better choice over e.g. JDBC.

- > *For data entry and operation application functions,*
- > *I can use C#.Net.*

You can use pretty much anything for data entry and operation application functions.

- > *For reporting and enquiry functions, I can use ASP.Net.*

You could use ASP.NET for data entry as well.

And you can also pretty much anything for data entry and operation application functions as well.

- > *You may aware that these two packages*
- > *have a lot in common.*

You don't say... :-)

Re: .Net or J2EE?

- > *Under J2EE environment, I know how to it*
- > *through EJBs the 'shared components'.*
- > *Under .Net, what should I do?*

Here you've got a multitude of possibilities, but...

- > *Can I have the environment of C#.Net + ASP.Net*
- > *+ Unix server (as database server as well as*
- > *deployment server)?*

At the moment the use of .NET on a Unix server is pretty risky.

- > *It seems that the only choice I have is to use VB or*
- > *Delphi and ODBC. If that is the case, I would have two*
- > *piles of shit in my hands: 1) J2EE; 2) .Net.*

That's *\*not\** the case, but your conclusion is interesting, puzzling and seems a bit confused. At least it's confusing me!

If the case is that your customer (or whatever) demands a Unix server, certainly the first choice would *\*not\** be to look into "VB or Delphi and ODBC". Those are foremost used on Windows, and if you have the possibility to run everything on a Windows server anyway, I would rather recommend some .NET-solution, such as C# + ADO.NET + ASP.NET.

If you can't do without the Unix server, you still have a lot of choices, but then you must look further into what the requirements really are. Just to give a few examples (based on the demand of a Unix server):

– The complete platform independency:  
Do *\*everything\** in Java! (J2EE, EJB, servlets, etc)

– The n-tier solution:

a) Wrap the Entity beans into Webservices (in Java),  
which can be called from C#-clients

b) Use the Unix server as a database server only,  
and use ADO.NET and ASP.NET on a separate  
Windows server for the access from clients

Those were just a few examples, but you have to look further into what the requirements *\*really\** are.

So, if your question is if .NET can work *\*on\** Unix, the answer can only be "to some extent, but not recommended (yet) for live business purposes".

If your question rather is if .NET can be used in *\*conjunction\** with a Unix server, the answer will be a definite "yes, but with that server only as a backend for some specific purpose", and to be precise, you must define the overall system architecture to be used.

microsoft.public.dotnet.languages.csharp: Re: .Net or J2EE?

Finally, the question should rather be why the customer demands a Unix server in the first place? Why doesn't he/she demand some specific functionality of the system instead, and lets the developers decide on what solutions that can make the best choices?

my 2c

// Bjorn A

P.S. There's an obvious reason why Microsoft at this moment doesn't develop .NET for Unix or Linux. They simply don't want to support any OS that is competing with their own, Windows...

However, if you can wait a couple of years, something might come up in the new collaboration between Microsoft and Sun.