

Re: c#.net or vb.net

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"concern parent" <concernparent@discussions.microsoft.com> wrote in message news:7B7F98A3-05CE-428D-A3F3-11E3512CC00E@microsoft.com...

Hi!

Very interesting comments. My question was why you thought C# was more "powerful" than VB.NET. Please note that my comments below exclude the issue of writing unsafe code.

> *C# is very easy to learn for C++ and java programmers. Computer science majors focus is C++ and Java.*

To me ease of learning is not "powerful." VB.NET is easy to learn for some segments of the population.

> *C# was designed to be portable, as the specification is published as ECMA Std: <http://www.ecma.ch/ecma1/STAND/ecma-334.htm> and thus there are already compilers for non-windows systems*

Yes, C# is a standard, unlike VB.NET.

> *VB has always been a second-class citizen, and in dotnet it still is.*
> *Some people feel VB should never have been implemented*
> *in Dotnet; that C# should have replaced it.*

I can see how this opinion might make you want to work with C# rather than VB.NET, but how does popularity make a tool more "powerful?" Can things be done in C# that can't be done in VB.NET because it is popular?

> *C# is the closest thing to a native language dotnet has.*
> *I think creating it was a necessary intellectual exercise. C# performs slightly better than VB, specially if you don't use VB's Option Explicit.*
> *That's a fact.*

Your thought that creating C# is a "necessary intellectual exercise" is an

opinion. How does this make C# more "powerful" than VB.NET?

I'm confused, perhaps because I'm not that familiar with the nuts and bolts of IL. Both C# and VB.NET compile to the same IL don't they? Can you give an example of C# and VB code that compile to the same IL where one performs better than the other?

Use of Option Explicit is a programmer's choice. Well-written code usually performs better than poorly written code. The skill level of the software developers using any particular development tool might make the body of code written using that tool better or worse, but it has no effect on the language itself.

> *C# is also the language MS decided to use in their internal projects.*

I've heard this before, but I've never known which ones. Use of the language for a particular project doesn't make the language itself more "powerful," although that situation might make it more popular.

> *I like C# better because of syntax,*

Many people like C#'s syntax. I also know quite a few who hate curly braces. I even know one who's intention was to be a "C# guy" but he couldn't stand the curlies and focused his efforts on VB.

> *and there are a couple of areas (floating point operations specifically) where C# is faster.*

Again, I'm confused. I thought both languages compiled to the same IL. Can you post some demo code?

> *But, dont get me wrong C++ should not be forgotten. C++ you can do everything.. write code for appliance machines, vendor video games, driver's, real-time application's, Operating Systems, C++ is the prefer language..its been here for 10 years now, its a standard. C++ is used in windows.. C++ is used in creating Microsoft products.. So, I will always prefer using C# and C++ back and worth.. VB.NET to me is to risky.. and since VB.net and C# is only used for Windows Platforms you have that sense of limited ability.. But, C++ is used on any platform, Industry Robotics, Appliances, its an endless field for C++... so stick with C#... once your good at C# and feel your ready to learn more advance.. move to C++..*

Very interesting, and good reasons for a developer to choose one language over another and recommend that other people choose to work with one over another. However, I'm interested in much more in how one is more "powerful"

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than the other rather than which one is more appealing since appeal is a matter of opinion.

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