

Re: As a programmer of both languages...

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- *From:* jacob navia <jacob@xxxxxxxxxx>
 - *Date:* Wed, 12 Dec 2007 10:50:19 +0100
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Ian Collins wrote:

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The difference between C and C++ is the object orientation of C++. C is not object oriented.

Are you really dense, or just being obtuse? As you have been told many times before, C++ is a multi paradigm language. You can *choose* to write OO or procedural code in C++.

You can't program in C++ without using classes. Even if you define a simple structure it is actually a class.

Your ignorance continues to astound. Maybe you should take some time out and learn C++ before slagging it off.

Yes Sir!

```
struct A {
int age;
char *Name;
};

int main(void)
{
```

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```
A jacob;  
}
```

This is valid C++ but invalid C. In C++ each "structure" definition is just a CLASS where all members are PUBLIC by default. I see this explanation in all C++ books I read but in my ignorance I believe them. Stupid isn't it?

C++ does nothing magical with structs, if a struct is valid C, it is equally valid in C++, nothing is added. Otherwise how could we use C libraries with C++?

Both languages are still compatible at many levels. But I am not getting crazy, the concept of CLASS is CENTRAL to the C++ language.

Of course you can write a hello world program without them but explain me how do you ignore classes in C++?

By not using them?

Of course. But then you are not using C++.

If you write

```
int main(void) { printf("hello\n");}
```

you do not need classes but is it C++?

Maybe, who knows what buzzword will be invented in the future, but the fact is that without classes you just can't do anything at all in C++.

If everything C does plus quite a bit more (like your beloved operator overloading) amounts to nothing.....

You are just playing word games, a favorite sport in this group. Of course you can write programs in C and compile them with C++, modulo some differences it is possible. I would be surprised that you can use the STL without using implicitly a class!!!

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What I am saying is obvious. But you refuse to admit the obvious.
C++ is centered around the class/inheritance concept and that is OO.

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