

Re: what is meant by ?

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Source: <http://www.tech-archive.net/Archive/VC/microsoft.public.vc.language/2005-04/msg00774.html>

- *From:* "Peter Koch Larsen" <pk1@xxxxxxxx>
 - *Date:* Fri, 15 Apr 2005 10:52:33 +0200
-

"Frank Hickman [MVP]" <fhickman_NOSP@xxxxxxxxxxxxxxxx> skrev i en meddelelse

news:%23rKPSgWQFHA.612@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

> "Jerry Coffin" <jcoffin@xxxxxxxx> wrote in message

> news:MPG.1cc822955676a33198969b@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

>> In article <#YYLaNNQFHA.1176@xxxxxxxxxxxxxxxxxxxxxxxx>,

>> fhickman_NOSP@xxxxxxxxxxxxxxxx says...

>>

>> [...]

>>

>>> >> int j = (int)some_class_that_implements_the_int_cast_operator;

>>> >

>>> > Well – you surely did not want that C-style cast there, did you?

>>

>> [...]

>>

>>> Sure I did, how else would the example have been written? Or would

>>> using

>>> static_cast have pleased you more? ;)

>>

>> A cast operator supports implicit casts, so this could be written as:

>>

>> int j = some_class_that_implements_the_int_cast_operator;

>>

>> Proxy classes use this behavior heavily. Nicely enough, it "uses up"

>> the one implicit cast allowed on any particular item, so any other

>> conversion must be explicit.

>>

>> --

>> Later,

>> Jerry.

>>

>> The universe is a figment of its own imagination.

>

> I see your point, it was more or less my programming style because I tend

> to write code explicitly for clarity. You know 6 in one half dozen in the

> other :)

So you claim that

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```
int j= (int)some_class_that_implements_the_int_cast_operator;  
is clearer than  
int j= some_class_that_implements_the_int_cast_operator; ?
```

I disagree – the cast just muddles things up. What if the class did not implement the int–cast? I surely would feel much better using the second assignment listed. When a cast is not needed, don't use it. In particular NEVER use a C–style cast.

```
/Peter  
>  
> ---  
> =====  
> Frank Hickman  
> Microsoft MVP  
> NobleSoft, Inc.  
> =====  
> Replace the _nosp@m_ with @ to reply.  
>  
>
```

• **References:**

- ◆ **what is meant by ?**
 ◇ *From:* IceColdFire
 - ◆ **Re: what is meant by ?**
 ◇ *From:* Frank Hickman [MVP]
 - ◆ **Re: what is meant by ?**
 ◇ *From:* Peter Koch Larsen
 - ◆ **Re: what is meant by ?**
 ◇ *From:* Frank Hickman [MVP]
 - ◆ **Re: what is meant by ?**
 ◇ *From:* Jerry Coffin
 - ◆ **Re: what is meant by ?**
 ◇ *From:* Frank Hickman [MVP]
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