
Subject: operator ambiguous

Posted by [o_wild](#) on Wed, 17 Nov 2010 11:32:42 GMT

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The expression

`~edit_D - ~edit_ddd`

will cause an error:

ambiguous overload for 'operator-' in 'Upp::Ctrl::operator~() const() - Upp::Ctrl::operator~() const()'

candidates are: operator-(double, double) <built-in>

operator-(double, int) <built-in>

operator-(double, Upp::int64) <built-in>

...

(edit_D is EditDouble and edit_ddd is EditInt.)

Even I replace the ~ to .GetData(), error remains.

Subject: Re: operator ambiguous

Posted by [dolik.rce](#) on Wed, 17 Nov 2010 12:40:44 GMT

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The problem is that GetData() (and ~ as well, as it is just shorthand for the same) return Value, which can store one of many different types. If you store the value to variable (e.g. `int i= ~editint`) then it is casted automatically. But if you want to use value in some more complex statements, such as the one you encountered, you have to tell the compiler what type is in the Value explicitly. That can be done for example like this: `(double)~edit_D - (double)~edit_ddd`.

Best regards,

Honza
