

comp.lang.c++. Re: swap two integers without using a tmp variable?

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In message <976e0586.0406220444.4ed62241@posting.google.com>, Steve <ngsteve@my-deja.com> writes

> *The xor solution was really elegant. I would not have thought about it*

> *and never knew it could be done this way.*

> *X XOR Y XOR Y = X (assign in y variable, cancel out both Y)*

> *X XOR Y XOR X = Y (assign in x variable, cancel out both X)*

And it DOESN'T WORK (no apologies for shouting) if X and Y are both references to the same object. Don't do it!

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Richard Herring