
Subject: Re: Conversion Error?

Posted by [davidf](#) on Mon, 16 Aug 1999 07:00:00 GMT

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Laurent Chardon (chardons@NOT_THISsprint.ca) writes:

- > Thanks David and Martin for your help. So if I understand properly, IDL uses
- > fix() by default when converting doubles to integer. That's tricky. Does it
- > make sense to do that?

Well, probably LONG by default. I just happened to choose FIX. But definitely **not** ROUND.

Does it make sense? Yes, I think so. It is consistent. You know what to expect. If **you** want to round, there is a routine to do that. It requires a bit of knowledge about how numbers work on computers. Computer scientists learn that, of course, but the rest of us learn it when we need it (i.e., after struggling for hours trying to figure out why our results are not what we expect.)

Cheers,

David

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