

Re: Cross tabulation – someone please help if you can

Source: <http://coding.derkeiler.com/Archive/Java/comp.lang.java.help/2005-04/msg00816.html>

- *From:* Ross Bamford <ross@xxxxxxxxxxxxx>
 - *Date:* Fri, 29 Apr 2005 19:02:15 +0100
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On Fri, 2005-04-29 at 06:21 -0700, rn29 wrote:

> Well, unconventional? I have no doubt, but I am open to conventional
> suggestions of how I might do this. Thanks for your suggestion.
>
> It turns out, as it always does that I was creating my own woes. the
> setPercent method of the TabulateTerm class expects a double whereas I
> was passing the result of an int divided by an int. In most other
> languages that I know, c++ for example, you would get automatic
> conversion. The trouble with this operation in java is that no warnings
> or errors were being generated but instead it simply throws the result
> away – I think. I will have to spend some time to investigate exactly
> what it was doing.
>
> Thanks again,
>
> –Reuben
>

Glad you're closer to a solution :) And as for unconventional, whats the box for if you can't think outside it – big believer myself :)

You shouldn't ever get a result thrown away without so much as a warning – Similar rules to c++ do apply in Java (although of course they differ in many details) but basically, primitive conversion is carried out explicitly where it doesn't involve loss of precision, but where an implicit conversion would result in such a loss, a compile-time error is generated.

You might try inserting a couple of temporary S.o.println() calls, to sanity check the two parameters you are dividing before you divide, and then again inside the method when you first see the result as a double. I'd guess you'll find the original arguments are unset. Or of course set a watch if debugging be your pleasure.

Cheers,
Ross

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• **References:**

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 ◇ From: rn29
- ◆ **[Re: Cross tabulation – someone please help if you can](#)**
 ◇ From: Ross Bamford
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