

Re: Should I use SQL data type money or decimal given .NET datatype is decimal?

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2007-04/msg02165.html>

- *From:* "Nicholas Paldino [.NET/C# MVP]" <mvp@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sat, 14 Apr 2007 22:06:59 -0400
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Rad,

If you are storing intermediate calculation values in a table which are monetary values, then you might want that accuracy when using those intermediary values in further calculations. It wouldn't be until the end where you want to apply the rounding.

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– Nicholas Paldino [.NET/C# MVP]
– mvp@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

"Rad [Visual C# MVP]" <nospam@xxxxxxxxxx> wrote in message
[news:1cm1hx2m8er1u\\$.dlg@xxxxxxxxxxxxxxxxxxxxxxxx](news:1cm1hx2m8er1u$.dlg@xxxxxxxxxxxxxxxxxxxxxxxx)

On Sat, 14 Apr 2007 10:20:31 -0400, Nicholas Paldino [.NET/C# MVP] wrote:

Ronald,

Why disregard? Care to say what conclusions you came to?

Personally, I think that if you are going to store money values in the database, then money is fine. However, if the table you are storing values on is an intermediate table which will store values performed on money and then have more calculations performed on those results, then you should use decimal with a much larger scale.

For example, say you have a Product table, with a Price field which is the price for the Product. This price should be Money.

Now, if you had an intermediate table, with an average of how much

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money

was spent per customer, then that field should be decimal, with a larger scale. The reason for this is that if you use those averages as inputs into calculations later, then you don't want a truncation of values before the money values go into the calc.

But then again, maybe you do, it all depends on what the accuracy you need. Personally, I like to have as many places as possible being stored (given practical limitations) and used for my intermediary calcs and then perform the final rounding when the results are presented back to the user.

I agree with you about the accuracy but what benefits can you derive seeing as money only makes sense to 2–3 decimal points?

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