

## Re: Using expressions in a SELECT Clause

**Source:**

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.programming/2004-02/0494.html>

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**From:** Tibor Karaszi (*tibor\_please.no.email\_karaszi\_at\_hotmail.nomail.com*)

**Date:** 02/16/04

Date: Tue, 17 Feb 2004 00:45:43 +0100

Watch out for this. The handling of datatype conversion is different in 7.0 and 2000. Code can break when moved from 7.0 to 2000 if you rely on this!

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Tibor Karaszi, SQL Server MVP

Archive at:

[http://groups.google.com/groups?oi=dig&as\\_ugroup=microsoft.public.sqlserver](http://groups.google.com/groups?oi=dig&as_ugroup=microsoft.public.sqlserver)

"William Morris" <news.remove.this.and.the.dots@seamlyne.com> wrote in message news:c0qp0m\$19s4s2\$1@ID-205671.news.uni-berlin.de...

Although, VB will evaluate a 1 the same as a -1 in boolean terms.

"Tom Moreau" <tom@dont.spam.me.cips.ca> wrote in message news:uY43YIK9DHA.1592@TK2MSFTNGP10.phx.gbl...

You should be aware that Booleans are not treated the same way throughout industry. For example, IIRC, VB stores a True as -1 while Perl treats it as 1. Using literals avoids the problem. Also, bit datatype are not ANSI standard, so some code could break.

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Tom

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Thomas A. Moreau, BSc, PhD, MCSE, MCDBA

SQL Server MVP

Columnist, SQL Server Professional

Toronto, ON Canada

[www.pinnaclepublishing.com/sql](http://www.pinnaclepublishing.com/sql)

"Eric Gnacadja" <wegnac@hotmail.com> wrote in message news:#bzQzCK9DHA.2572@TK2MSFTNGP09.phx.gbl...

Sorry for my poor english.

I found your solution really nice and wanted to add just the cast to get a bit. I think the user who started the thread wanted to get a boolean.

It's nether the last big discovery of the humankind, nor something really different from your solution, just something more which could help.

That's what I tried to express, translating a common french expression.

Sorry again,

"Tom Moreau" <tom@dont.spam.me.cips.ca> a écrit dans le message de news:ecJQ\$6J9DHA.488@TK2MSFTNGP12.phx.gbl...

I guess I don't understand what you mean by "A little bit forward".

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Tom

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Thomas A. Moreau, BSc, PhD, MCSE, MCDBA

SQL Server MVP

Columnist, SQL Server Professional

Toronto, ON Canada

[www.pinnaclepublishing.com/sql](http://www.pinnaclepublishing.com/sql)

"Eric Gnacadja" <wegnac@hotmail.com> wrote in message

## microsoft.public.sqlserver.programming: Re: Using expressions in a SELECT Clause

news:#K15q3J9DHA.2752@TK2MSFTNGP09.phx.gbl...

```
Nice Tom,  
Nice and simple...  
A little bit forward:  
SELECT EmployeeID  
  , cast((case when 4 > 3 then 1 else 0 end ) as bit) As Value  
FROM Northwind.dbo.Employees  
Eric  
"Tom Moreau" <tom@dont.spam.me.cips.ca> a écrit dans le message de  
news:O4Kf6jJ9DHA.3200@TK2MSFTNGP09.phx.gbl...  
Try:  
SELECT EmployeeID  
  , case when 4 > 3 then 'True' else 'False' end As Value  
FROM Northwind.dbo.Employees  
--  
Tom
```

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Thomas A. Moreau, BSc, PhD, MCSE, MCDBA  
SQL Server MVP  
Columnist, SQL Server Professional  
Toronto, ON Canada  
www.pinnaclepublishing.com/sql  
"Shawn Melton" <anonymous@discussions.microsoft.com> wrote in message  
news:7F6A6B4C-BFB1-40AB-9A39-D5FBE0245E22@microsoft.com...  
According to SQL Server documentation:  
I can use any expression in a SELECT clause.  
An expression can consist of two constants separated by a comparison  
operator.  
Yet when I try this:  
SELECT EmployeeID, 4>3 As Value FROM Northwind.dbo.Employees  
I get the error:  
Line 1: Incorrect syntax near '>'.  
Does anyone know why? What I would expect is a two column resultset  
with a  
column named Value that is set to false. This is a simplification of  
what I  
need but should answer the question. What I really need is to compare a  
field to a string constant to create a new boolean field.
```