

Re: SQL difference – mySQL and MS SQL

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.connect/2006-08/msg00140.html>

- *From:* Sue Hoegemeier <Sue_H@xxxxxxxxxxxxxx>
 - *Date:* Sun, 13 Aug 2006 15:47:01 -0600
-

Correct. The Lacking and No Support references apply to MySQL.
MySQL is pretty far behind most of the other database vendors. They just added support for things such as stored procedures, triggers, distributed transactions – which is why Ole mentioned the version of MySQL making a difference. So if you have a book for MySQL 4.x or earlier, you won't have any documentation on syntax and usage of triggers and stored procedures.

–Sue

On Sun, 13 Aug 2006 16:38:09 -0400, "Victor" <vic@xxxxxxx> wrote:

"Ole Kristian Bangås" <olekristian.bangas@xxxxxxxxxxxxxx> wrote in message news:Xns981E29682647olekristianbangaas@xxxxxxxxxxxxxx

"Victor" <vic@xxxxxxx> wrote in [news:uZDbV\\$lvGHA.3936@xxxxxxxxxxxxxx](mailto:news:uZDbV$lvGHA.3936@xxxxxxxxxxxxxx):

I just bought a book that I thought was about the SQL query language.
Turns out it's really about mySQL. Uh.

What is the difference between query language for mySQL and MS SQL? Is there a good reference?

I have never seen such a reference, and it highly depends on the version of Microsoft SQL Server and more importantly the version of MySQL. MySQL version 4 is nowhere near Microsoft SQL Server (in any version I've seen). MySQL version 5 is starting to fill the gap, but it's still huge.

Re: SQL difference – mySQL and MS SQL

Most basic SQL syntax is the same in MySQL and Microsoft SQL Server, but there are so many differences that I would suggest a book about Transact-SQL (the dialect that Microsoft SQL Server uses).

Some differences (depending on version of MySQL and database engine used)

- * Lacking support for subqueries
- * Lacking support for referential integrity
- * Using LIMIT instead of TOP (actually I hope this comes into the SQL syntax, and even better that Microsoft SQL Server will support it)
- * Lacking support for userdefined functions/stored procedures
- * MySQL supports date and time datatypes, whereas Microsoft SQL Server only have datetime
- * No support for computed columns
- * No support for triggers

And when we take SQL Server 2005 into consideration:

- * No support for managed code
- * No support for XML
- * No support for Common Table Expressions

Well, there are so many differences, I've just mentioned some here. In my opinion MySQL is far from a mature product.

—

Ole Kristian Bangås
MCT, MCDBA, MCDST, MCSE:Security, MCSE:Messaging, MCTS,
MCITP

When you write "differences", you are saying that this is what ***mySQL*** is LACKING, correct?