
Microsoft SQL Server 2008: T-SQL Fundamentals – Old Errata

Last modified: 2012-10-22

Note: If you have a later printing of this book, it may already contain the below corrections.

Date / By	Where	Correction
2009-10-08 Robert Forrest	Table of Contents, Page xi and xii	Error: The page numbers for the entries starting with Chapter 10 and on are behind by 2.
2009-08-12 Erland Sommarskog	Chapter 1, Page 15, Second item in bullet list	Currently: Resource The Resource database was added as of SQL Server 2005 and it holds all system objects. When you query metadata information in a database, this information appears to be local to the database but in practice it resides in the Resource database. Should be: Resource The Resource database is a hidden, read-only database that was added as of SQL Server 2005 and it holds the definitions of all system objects. When you query system objects in a database, they appear to reside in the sys schema of the local database, but in practice their definitions reside in the Resource database.
2010-02-23 Tiru Bokka	Chapter 2, Page 47, Third paragraph	Currently: "Note that the reason that I specified the decimal value 100. (one hundred dot) in the expressions instead of the integer 100 is in order to cause implicit conversion of the integer values val and SUM(val) to decimal values. Otherwise, the division would have been an integer division and the fractional part would have been truncated." Error: This paragraph would have been relevant had the val attribute been of an integer type, but in practice it is of a decimal type already. Hence this paragraph should be removed.
2009-02-01 Brenda Myers	Chapter 2, Page 47, Query at bottom of page	Currently: SELECT ... NTILE(100) ... Should be: SELECT ... NTILE(10) ...
2009-10-08 Robert Forrest	Chapter 2, Page 53, item 3 in the num list at the	Currently: + (Positive), - (Negative), + (Add), (+ Concatenate), - (Subtract) Should be: + (Positive), - (Negative), + (Add), + (Concatenate) , - (Subtract)

	bottom of the page	
2012-06-13 Art Bergqvist	Chapter 2, Page 57, Query and Query output	Currently: five occurrences of: "less then 1000" Should be: "less than 1000"
2009-11-30 Geert Diddens	Chapter 2, Page 62, second line from bottom of page; Page 63, first paragraph, fifth line; Page 63, third paragraph, fourth line	Currently: 10 /col1 > 2 Should be: col2 /col1 > 2
2009-04-17 John Paul Cook	Chapter 2, Page 76, Paragraph below Table 2-1	Currently: The storage requirements for the last three data types in Table 2-1 (<i>TIME</i> , <i>DATETIME2</i> , and <i>DATETIMEOFFSET</i>) depend on the accuracy you choose. You specify the accuracy as an integer in the range 0 to 7 representing the fractional second precision. For example, <i>TIME(0)</i> means 0 fractional second precision—in other words, one-second accuracy . <i>TIME(3)</i> means one-millisecond accuracy , and <i>TIME(7)</i> means 100-nanosecond accuracy . If you don't specify a fractional second precision, SQL Server assumes 7 by default with all three aforementioned types. Should be: The storage requirements for the last three data types in Table 2-1 (<i>TIME</i> , <i>DATETIME2</i> , and <i>DATETIMEOFFSET</i>) depend on the precision you choose. You specify the precision as an integer in the range 0 to 7 representing the fractional second precision. For example, <i>TIME(0)</i> means 0 fractional second precision—in other words, one-second precision . <i>TIME(3)</i> means one-millisecond precision , and <i>TIME(7)</i> means 100-nanosecond precision . If you don't specify a fractional second precision, SQL Server assumes 7 by default with all three aforementioned types.
2009-10-16 Don Cummings	Chapter 2, Page 77, Second	Currently: SQL Server defines precedence among datatypes, and will usually implicitly covert the operand that has lower datatype precedence to the one that has higher precedence.

	Paragraph, Fourth Sentence	Should be: SQL Server defines precedence among datatypes, and will usually implicitly convert the operand that has lower datatype precedence to the one that has higher precedence.
2009-07-09 Pat Lowe	Chapter 2, Page 87, Syntax for DATEPART function	Currently: DATEPART(dt_val, part) Should be: DATEPART(part, dt_val)
2009-07-09 Pat Lowe	Chapter 2, Page 88, Syntax for DATENAME function	Currently: DATENAME(dt_val, part) Should be: DATENAME(part, dt_val)
2012-09-25 Nagy Laszlo	Chapter 2, Page 97, Last line	Currently: WHERE quantity * unitprice > 10000 Should be: WHERE qty * unitprice > 10000
2012-09-25 Nagy Laszlo	Chapter 2, Page 98, Third line	Currently: HAVING SUM(quantity *unitprice) > 10000 Should be: HAVING SUM(qty *unitprice) > 10000
2009-10-16 Don Cummings	Chapter 2, Page 98, Answer 5, Fourth First Sentence	Currently: Because the request involves activity in the year 2004 , the query should have a WHERE clause with the appropriate date range filter (orderdate >= '20040101' AND orderdate < '20050101'). Should be: Because the request involves activity in the year 2007 , the query should have a WHERE clause with the appropriate date range filter (orderdate >= '20070101' AND orderdate < '20080101').
2012-06-21 Art Bergquist	Chapter 3, Page 117, Last paragraph, First sentence	Currently: The next step is to extend the previous query, adding a left outer join between Nums and the Orders tables. Should be: The next step is to extend the previous query, adding a left outer join between the Nums and Orders tables.
2012-10-22 Nagy Laszlo	Chapter 3, Page 132, Solution 7, fourth sentence	Currently: So you can use a simple CASE expression that checks whether the current row is an outer one, in which case it returns Yes; otherwise, it returns No.

		Should be: So you can use a simple CASE expression that checks whether the current row is not an outer one, in which case it returns Yes; otherwise, it returns No.
2009-07-15 David L. Tappan	Chapter 4, Page 141, Third full paragraph, First sentence	Currently: This query returns the order ID 10274 . The outer row's order ID—10248—is compared with the inner one— 10274 —and because there's no match in this case, the outer row is filtered out. Should be: This query returns the order ID 10739 . The outer row's order ID—10248—is compared with the inner one— 10739 —and because there's no match in this case, the outer row is filtered out.
2010-01-14 Duncan Giles	Chapter 4, Page 157, Solution 3, Second sentence	Currently: Write an outer query against the Employees table returning employees whose IDs appear in the set of employee IDs returned by the subquery. Should be: Write an outer query against the Employees table returning employees whose IDs do not appear in the set of employee IDs returned by the subquery.
2010-01-14 Duncan Giles	Chapter 4, Page 157, Solution 4, Second sentence	Currently: Write an outer query against the Customers table that filters only customer rows where the country attribute appears in the set of countries returned by the subquery. Should be: Write an outer query against the Customers table that filters only customer rows where the country does not appear in the set of countries returned by the subquery.
2010-02-23 Tiru Bokka	Chapter 4, Page 157, Solution 4, Sentence before last	Currently: "...because the same country can have more than one query ." Should be: "...because the same country can have more than one customer ."
2008-11-11 Levi Shaw	Chapter 5, Page 174, Third line from bottom of page	Currently: SELECT TOP(100) Should be: SELECT TOP(100) PERCENT
2012-07-18 Art Bergquist	Chapter 5, Page 188, Exercise 5-2, First sentence	Currently: "Using the CROSS APPLY operator and the function you created in Exercise 4-1 , return, for each supplier, the two most expensive products." Should be: "Using the CROSS APPLY operator and the function you created in Exercise 5-1 , return, for each supplier, the two most expensive products."
2012-07-18	Chapter 6, Page	Currently: "The area marked with diagonal lines represents the result of the set operation."

Art Bergquist	194, Sentence above Figure 6-1	Should be: "The area marked with a gray background represents the result of the set operation."																																																																																																																																																																															
2011-04-21 Demetrios Biskinis	Chapter 6, Page 209, Second line	Currently: "...before the rows from Customers ,..." Should be: "...before the rows from Suppliers ,..."																																																																																																																																																																															
2009-11-19 Erika Dantas	Chapter 7, Page 214, Bottom part of page, Output of query	<p>Currently:</p> <table border="1"> <thead> <tr> <th>orderid</th> <th>orderdate</th> <th></th> <th>empid</th> <th>custid</th> </tr> </thead> <tbody> <tr><td>10001</td><td>2007-12-24</td><td></td><td></td><td></td></tr> <tr><td>00:00:00.000</td><td>2</td><td>A</td><td>12</td><td></td></tr> <tr><td>10005</td><td>2007-12-24</td><td></td><td></td><td></td></tr> <tr><td>00:00:00.000</td><td>1</td><td>B</td><td>20</td><td></td></tr> <tr><td>10006</td><td>2008-01-18</td><td></td><td></td><td></td></tr> <tr><td>00:00:00.000</td><td>1</td><td>C</td><td>14</td><td></td></tr> <tr><td>20001</td><td>2008-02-12</td><td></td><td></td><td></td></tr> <tr><td>00:00:00.000</td><td>2</td><td>B</td><td>12</td><td></td></tr> <tr><td>20002</td><td>2009-02-16</td><td></td><td></td><td></td></tr> <tr><td>00:00:00.000</td><td>1</td><td>C</td><td>20</td><td></td></tr> <tr><td>30001</td><td>2007-08-02</td><td></td><td></td><td></td></tr> <tr><td>00:00:00.000</td><td>3</td><td>A</td><td>10</td><td></td></tr> <tr><td>30003</td><td>2009-04-18</td><td></td><td></td><td></td></tr> <tr><td>00:00:00.000</td><td>2</td><td>B</td><td>15</td><td></td></tr> <tr><td>30004</td><td>2007-04-18</td><td></td><td></td><td></td></tr> <tr><td>00:00:00.000</td><td>3</td><td>C</td><td>22</td><td></td></tr> <tr><td>30007</td><td>2009-09-07</td><td></td><td></td><td></td></tr> <tr><td>00:00:00.000</td><td>3</td><td>D</td><td>30</td><td></td></tr> <tr><td>40001</td><td>2008-01-09</td><td></td><td></td><td></td></tr> <tr><td>00:00:00.000</td><td>2</td><td>A</td><td>40</td><td></td></tr> <tr><td>40005</td><td>2009-02-12</td><td></td><td></td><td></td></tr> <tr><td>00:00:00.000</td><td>3</td><td>A</td><td>10</td><td></td></tr> </tbody> </table> <p>Should be:</p> <table border="1"> <thead> <tr> <th>orderid</th> <th>orderdate</th> <th>empid</th> <th>custid</th> <th>qty</th> </tr> </thead> <tbody> <tr><td>10001</td><td>2007-12-24</td><td>2</td><td>A</td><td>12</td></tr> <tr><td>10005</td><td>2007-12-24</td><td>1</td><td>B</td><td>20</td></tr> <tr><td>10006</td><td>2008-01-18</td><td>1</td><td>C</td><td>14</td></tr> <tr><td>20001</td><td>2008-02-12</td><td>2</td><td>B</td><td>12</td></tr> <tr><td>20002</td><td>2009-02-16</td><td>1</td><td>C</td><td>20</td></tr> <tr><td>30001</td><td>2007-08-02</td><td>3</td><td>A</td><td>10</td></tr> <tr><td>30003</td><td>2009-04-18</td><td>2</td><td>B</td><td>15</td></tr> <tr><td>30004</td><td>2007-04-18</td><td>3</td><td>C</td><td>22</td></tr> <tr><td>30007</td><td>2009-09-07</td><td>3</td><td>D</td><td>30</td></tr> <tr><td>40001</td><td>2008-01-09</td><td>2</td><td>A</td><td>40</td></tr> <tr><td>40005</td><td>2009-02-12</td><td>3</td><td>A</td><td>10</td></tr> </tbody> </table>	orderid	orderdate		empid	custid	10001	2007-12-24				00:00:00.000	2	A	12		10005	2007-12-24				00:00:00.000	1	B	20		10006	2008-01-18				00:00:00.000	1	C	14		20001	2008-02-12				00:00:00.000	2	B	12		20002	2009-02-16				00:00:00.000	1	C	20		30001	2007-08-02				00:00:00.000	3	A	10		30003	2009-04-18				00:00:00.000	2	B	15		30004	2007-04-18				00:00:00.000	3	C	22		30007	2009-09-07				00:00:00.000	3	D	30		40001	2008-01-09				00:00:00.000	2	A	40		40005	2009-02-12				00:00:00.000	3	A	10		orderid	orderdate	empid	custid	qty	10001	2007-12-24	2	A	12	10005	2007-12-24	1	B	20	10006	2008-01-18	1	C	14	20001	2008-02-12	2	B	12	20002	2009-02-16	1	C	20	30001	2007-08-02	3	A	10	30003	2009-04-18	2	B	15	30004	2007-04-18	3	C	22	30007	2009-09-07	3	D	30	40001	2008-01-09	2	A	40	40005	2009-02-12	3	A	10
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2012-07-29 Art Bergquist	Chapter 7, Page 217, Last sentence	Currently: You achieve this is by not applying the PIVOT operator... Should be: You achieve this by not applying the PIVOT operator...																																																																																																																																																																															

2012-07-29 Art Bergquist	Chapter 7, Page 221, Second full sentence in page (third line)	Currently: You need apply a cross join between the EmpCustOrders table and a table that has a row for each customer. Should be: You need to apply a cross join between the EmpCustOrders table and a table that has a row for each customer.
2009-04-27 John Paul Cook	Chapter 7, Page 230, First paragraph, Second sentence	Currently: For example, all rows where empid is 0 and custid is 0 are associated with the grouping set (empid, custid). Should be: For example, all rows where grpemp is 0 and grpcust is 0 are associated with the grouping set (empid, custid).
2009-02-11 Mustafa KAYA	Chapter 7, Page 230, Middle paragraph, Last sentence	Currently: The grouping set (a, c) is represented by the integer 10 (1×8 + 0×4 + 1×2 + 0×1) , and so on. Should be: The grouping set (a, c) is represented by the integer 5 (0×8 + 1×4 + 0×2 + 1×1) , and so on.
2009-10-24 Robert Forrest	Chapter 8, Page 260, First bullet point	Currently: You cannot insert a row through the table expression if the table expression doesn't include at least one column that doesn't somehow get its value automatically (has a default value, allows NULLs, has an IDENTITY property). Problem: Confusing as written. Should be: INSERT statements must specify values for any columns in the underlying table that do not have implicit values. A column can get a value implicitly if it allows NULLs, has a default value, has an IDENTITY property, or is typed as ROWVERSION.
2009-08-12 Erland Sommarskog	Chapter 8, Page 261, Third sentence	Currently: However, with some problems using a table expression is not really an option. Should be: However, with some problems using a table expression is the only option.
2012-08-02 Art Bergquist	Chapter 8, Page 276, Solution #5, Second sentence	Currently: You can join Orders and Customers based on a match between the order's customer ID and the customers customer ID. Should be: You can join Orders and Customers based on a match between the order's customer ID and the customer's customer ID.
2010-10-05	Chapter 9, Page 288,	Currently: Contains the result column most_recent_sql_handle twice.

Nagy Laszlo	Output of query	Should be: Only once. Should remove third part of the output from the page.
2009-04-27 John Paul Cook	Chapter 9, Page 289, First paragraph after first query output, second sentence	Currently: As for the blocker, in this example you can see the statement that caused the problem, but keep in mind that the blocker may continue work and that the last thing you see in the code isn't necessarily the statement that caused the trouble. Should be: As for the blocker, in this example you can see the statement that caused the problem, but keep in mind that the blocker may continue working and that the last thing you see in the code isn't necessarily the statement that caused the trouble.
2012-08-15 Art Bergquist	Chapter 10, Page 328, Last sentence of the last paragraph (not including code at the bottom of the page)	Currently: For example, the following code runs a full backup of the sample database TSQLFundamentals2008 if today is the first day of the month, and a differential backup (changes since last full backup) if today is not the last day of the month: Should be: For example, the following code runs a full backup of the sample database TSQLFundamentals2008 if today is the first day of the month, and a differential backup (changes since last full backup) if today is not the first day of the month:
2012-08-15 Art Bergquist	Chapter 10, Page 329, First PRINT statement in first code block	Currently: PRINT 'Today is not the first day of the month.' Should be: PRINT 'Today is not the first day of the month.';
2010-08-03 Justin Wilson	Chapter 10, Page 329, Lines 5 and 6	Currently: BACKUP DATABASE TSQLFundamentals2008 TO DISK = 'C:\Temp\TSQLFundamentals2008_Diff.BAK' WITH INIT; Should be: BACKUP DATABASE TSQLFundamentals2008 TO DISK = 'C:\Temp\TSQLFundamentals2008_Diff.BAK' WITH INIT, DIFFERENTIAL ;
2012-08-15 Art Bergquist	Chapter 10, Page 333, 3rd-to-last line on the page	Currently: @ordermonth DATETIME,

		Should be: @ordermonth AS DATETIME,
2012-06-08 Joe Hacking	Appendix A, Page 371, Data Model, Middle table name	Currently: Sales.OrdersDetails Should be: Sales.OrderDetails
2012-06-08 Joe Hacking	Appendix A, Page 371, Data Model, Bottom middle table name	Currently: Production, Products Should be: Production.Products