SQL Date Conversions - More Than You Want To Know

Posted At : March 11, 2008 8:16 PM | Posted By : Josh
Related Categories: SQL

Today I was writing a query that performed some date formatting and found myself using **this resource by Manuj Bahl**, to which I've often referred but to which I've rarely given any thought. By dumb luck, I fat-fingered one of the codes and ended up with something not listed on the table, but the query ran fine.

Curiousity sufficiently piqued, I wrote a simple Coldfusion script, and a few seconds later found myself looking at a complete table of date/time conversion codes. Most of them are not terribly useful, but in case anyone wants an exhaustive list of every conversion code available, you'll find it behind the cut.

I should note that I use SQL Server 2000, so results may and almost certainly will vary among products/versions.

On an even-less-interesting note, it would appear that the conversion code is restricted to 8 bits, since a value of 256, 512, etc gives the same result as 0, and the same applies to the rest of the list.

The table lists each conversion code and its output given a date/time of March 15, 2008 1:23:45 PM.

Code	Output
0	Mar 15 2008 1:23PM
1	03/15/08
2	08.03.15
3	15/03/08
4	15.03.08
5	15-03-08
6	15 Mar 08
7	Mar 15, 08
8	13:23:45
9	Mar 15 2008 1:23:45:000PM
10	03-15-08
11	08/03/15
12	080315
13	15 Mar 2008 13:23:45:000
14	13:23:45:000
20	2008-03-15 13:23:45
21	2008-03-15 13:23:45.000
22	03/15/08 1:23:45 PM
23	2008-03-15
24	13:23:45
25	2008-03-15 13:23:45.000
100	Mar 15 2008 1:23PM
101	03/15/2008

102	2008.03.15
103	15/03/2008
104	15.03.2008
105	15-03-2008
106	15 Mar 2008
107	Mar 15, 2008
108	13:23:45
109	Mar 15 2008 1:23:45:000PM
110	03-15-2008
111	2008/03/15
112	20080315
113	15 Mar 2008 13:23:45:000
114	13:23:45:000
120	2008-03-15 13:23:45
121	2008-03-15 13:23:45.000
126	2008-03-15T13:23:45
130	8 ???? ????? 1429 1:23:45:00
131	8/03/1429 1:23:45:000PM