

Re: Number to Date.

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.mseq/2004-04/0010.html>

From: Dylan (*anonymous_at_discussions.microsoft.com*)

Date: 04/06/04

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Hello,

Thanks for you input Vishal. Below I have copied the script I used to use for this when it was on an Oracle Database. Do you know how I can make it work in MSSQL:

```
internal/oracle @sun
set pagesize 30
break on acct_code skip page duplicates
spool c:\aged_debt_rep
select *
from (select acct_code
, to_date(due_date,'YYYYMMDD') due_date, amount
from salfldgtel
WHERE ( ( ( ACCNT_CODE LIKE '51%' )
AND ( ( ALLOCATION <> 'A' ) ) ) )
AND acct_code <> '511534'
AND acct_code <> '512088'
AND acct_code <> '512165'
AND acct_code <> '515124'
AND acct_code <> '512199'
AND acct_code <> '518020'
AND acct_code <> '511538'
AND due_date between 19000101 and 20050101
and trunc(mod(due_date,1E4)*1E-2) between 1 and 12
and mod(due_date,1E2) between 1 and 31)x
where to_date(&p_custom_date,'DDMMYYYY') - x.due_date>60
order by acct_code;
spool off
exit
```

Its the trunc(mod into 'x' variable that I need to replicate in a MSSQL environment.

Thanks again.

Dylan

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>-----Original Message-----
>hi Dylan,
>
>create table date_log (dt int)
>insert into date_log values(20040405)
>
>--you write a query to make conversion to datetime as follows.
>
>select convert(datetime, cast(dt as char(8))) 'dt' from date_log
>
>Make use of datetime datatype instead to avoid datetime value overflow errors and to insert valid values of date datatype range. This is because datetime store dates in the range from January 1, 1753 through December 31, 9999. However if you make use of INT datatype to store datetime value, it can accept value of Dec 31, 1752 (which will be converted to integer as 17521231) though this valid integer is not a valid datetime value.
>
>Ex:
>
>insert into date_log values(17521231)
>--Integer value can be inserted into above
>
>select convert(datetime, cast(dt as char(8))) 'dt' from date_log
>
>--in above query which tries to convert integer 17521231 to datetime, you will get an error as
>
>The conversion of a char data type to a datetime data type resulted in an out-of-range datetime value.
>
>
>
>--
>Vishal Parkar
>vgparkar@yahoo.co.in
>
>
>
>
>