

Re: Number to Date.

Source:

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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 its 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.

```
--
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```