

DBMaker/DBMaster FAQ Document

Question:

Is there some method to make the serial number be reset automatically when it over the maximum value? (From DBMR1836)

Answer:

By Stored Procedure and trigger can achieve that.

For example: suppose there is a table named t1: **t1 (c1 serial)**

[Stored Procedure]

```
$ create procedure sp1(char(32) tbname, int ns1); { $ begin declare section;  
char sqlstring[100];  
$ end declare section;  
  
$ begin code section;  
  
if (ns1 >= 2147483646)  
{  
sprintf(sqlstring, "alter table %s set serial 0", tbname);  
$ execute immediate from :sqlstring;  
}  
  
$ end code section;  
  
}
```

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[SQL command]

```
create procedure from 'sp1.ec';
```

```
create trigger tr1 after insert on t1 for each row (call sp1('t1', new.c1));
```