

Simple SQL Server T-SQL Stored Procedure

```
CREATE Procedure GetNextNum
As

/* procedure GetNextNum
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*/

SET TRANSACTION ISOLATION LEVEL Serializable

Begin Tran

/* declarations */
declare @nextval varchar(8)
declare @nextnext varchar(8)

/* assign return value */
select @nextval = nextval
   from Nextvals
   where thing = "ORDERMAS"

/* Compute the next value */
set @nextnext = cast(@nextval as int) + 1

/* Save the next value */
update Nextvals
   set nextval = @nextnext
   where thing = "ORDERMAS"

commit tran

/* Return the return value */
select nextval
from nextvals
```