

Re: how to scramble data in a table

Source:

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From: Dan Guzman (*danguzman_at_nospam-earthlink.net*)

Date: 02/16/04

Date: Sun, 15 Feb 2004 23:43:04 -0600

Sorry, I misread your post. Hopefully, Steve's answer is more help.

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Dan Guzman
SQL Server MVP
"SND" <sndip@cox.net> wrote in message news:G0YXb.1489$Mf.977@okepread04...
> This won't work in my case since I have a million records and I would have
> to build a very large dynamic Case statement. Sorry for making it
confusing
> with my sample data.
>
> "Dan Guzman" <danguzman@nospam-earthlink.net> wrote in message
> news:OilhirD9DHA.2672@TK2MSFTNGP10.phx.gbl...
> > If you don't mind using modulo on PersonID instead of RAND, you can
> > accomplish this with set-based processing using CASE expressions.
> >
> > UPDATE Person
> > SET
> >     LastName = CASE PersonID % 3
> >         WHEN 0 THEN 'Smith'
> >         WHEN 1 THEN 'Adams'
> >         WHEN 2 THEN 'Doe'
> >     END,
> >     FirstName = CASE PersonID % 3
> >         WHEN 0 THEN 'John'
> >         WHEN 1 THEN 'Greg'
> >         WHEN 2 THEN 'John'
> >     END,
> >     MiddleName = CASE PersonID % 3
> >         WHEN 0 THEN 'D'
> >         WHEN 1 THEN 'B'
> >         WHEN 2 THEN 'C'
> >     END
> >
> > --
> > Hope this helps.
> >
> > Dan Guzman
> > SQL Server MVP
> >
> > "SND" <sndip@cox.net> wrote in message
> > news:d4WXb.1477$Mf.1107@okepread04...
> > > Does anyone have a neat way to scramble data in one table?
> > >
> > > I have a Person table with fields (PersonID, LastName, FirstName,
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> > > MiddleName). PersonID is a sequential number from 1 - 1,000,000 and
> there
> > > are NO gaps in the sequence. I need the last names to be scrambled
with
> > > last names and so forth. ie. Smith, John D. could become Adams, Greg
> B.
> > >
> > > The only way I know how to accomplish this is by looping through each
> > Person
> > > record and then select 3 random PersonID using the RAND() function and
> > then
> > > update the current PersonID with the LastName, FirstName, and Middle
> names
> > > of the rand() persons. This process works but, since I have a million
> > > records, it takes my server close to 30 minutes to process.
> > >
> > > Does anyone know of a faster process to accomplish this?
> > >
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> > >
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