

Re: Strategy for Sorting in UI

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2004-03/5805.html>

From: M. A. Naveed (*manaveed_at_hotmail.com*)

Date: 03/17/04

Date: Wed, 17 Mar 2004 12:30:10 +0500

I have also checked this query by additionally using TOP 25 in SELECT statement. This almost give the desired output but here is a case what would you suggest for that:

By this approach i.e. providing a unique value along with the desired sorted column information, there are certain records which may not be returned from the database.

If there is a record containing LastName='TOM' and a UniqueID=100, this will never be fetched.

Similarly all the records in a database which have a UniqueID less than the ID of the last returned record of the page will never be fetched by this query.

In short those records which have a value greater than 'Spencer' in LastName and having a value less than '420' in UniqueID, will never be returned.

thanks and regards,

M. A. Naveed
naveed@corrtec.com

Sr. Software Engineer
CorrTec Pvt. Ltd. Karachi

"Kevin Spencer" <kevin@takempis.com> wrote in message
news:ui8m0L2CEHA.2560@TK2MSFTNGP12.phx.gbl...

- > You have to do your sort in the database query using a unique value.
- > However, that unique value doesn't have to be a single column. It can be a combination of columns. So, for example, if you are sorting by "LastName" and there may be duplicates, your query might look like the following:
- >
- > `SELECT * FROM myTable`
- > `WHERE LastName >= 'Spencer'`
- > `AND UniqueID > 420`
- > `ORDER BY LastName, UniqueID`
- >
- > You need to pass 2 or more values in order to make a unique value. The "420"
- > is the UniqueID of the last record returned by the last query.

>
> --
> *HTH,*
> *Kevin Spencer*
> *.Net Developer*
> *Microsoft MVP*
> *Big things are made up*
> *of lots of little things.*
>
> *"M. A. Naveed" <manaveed@hotmail.com> wrote in message*
> *news:OqFgpj1CEHA.3568@tk2msftngp13.phx.gbl...*
> *> well i'm having almost the same problem. I'm displaying page wise*
records
> *in*
> *> an aspx page. (DNA archecture using enterprise service and remoting)*
> *>*
> *> Suppose the user has requested to see data from the customer table. The*
> *> customer table may contain 100 or even thousands of records, and I do*
not
> *> want to fetch all records from the customer table, so I break up the*
> *result*
> *> into pages of data by using Top 25 Clause in SQL Select Statement and*
the
> *> result is sorted by a unique column say IdentityColumn, each time when*
> *user*
> *> hits the next page button the next 25 records are to be fethced from the*
> *> table having greater value in unique id field of the last record of the*
> *> page.*
> *>*
> *> The above page wise navigation is working fine. Now i'm having a*
different
> *> scenario which i need to find some solution of it.*
> *>*
> *> Now user wants to sort records at any coulum displaying in a grid which*
is
> *> not necessarily be unique. The problem is, which records are to be*
fetched
> *> when user clicks on the Next Page button, the sorted column may not be*
> *> unique this time.*
> *>*
> *> For Example, Homail Inbox, i can change sorting column to any one and*
> *> navigate inbox pages accordingly :0)*
> *>*
> *> How do I navigate pages in this situation? im not fetching all the*
records
> *> from the table, performance issue is critical.*
> *> Please comments,*
> *>*
> *> thanks and regards,*
> *> M. A. Naveed*
> *> naveed@corrtec.com*

> >

> >

> > ----- Original Message -----

> > From: Alvin Bruney [MVP]

> > Newsgroups: microsoft.public.dotnet.framework.aspnet

> > Sent: Tuesday, March 02, 2004 11:34 AM

> > Subject: Re: Strategy for Sorting in UI

> >

> >

> > Your post went unanswered. Have you resolved this issue?

> >

> > --

> > Regards,

> > Alvin Bruney [ASP.NET MVP]

> > Got tidbits? Get it here...

> > <http://tinyurl.com/3he3b>

> > "Guadala Harry" <gh8434@aol.com> wrote in message

> > news:%23Y7QHZI%23DHA.268@TK2MSFTNGP10.phx.gbl...

> > > I need to present users with a list – and then let them sort it in any

> > > arbitrary order they like. Each item to be sorted is a short string of

> > > text – there can be up to 50 items to sort. After the users are

finished

> > > sorting, the sorted list gets sent back to the server. I'd appreciate

> any

> > > suggestions for how to accomplish this on the client (minimizing round

> > > trips) – including suggestions for specific UI controls.

> > >

> > > Thanks in advance.

> > >

> > >

> >

> >

> >

> >

> >

>

>