

Re: sort

Source:

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Nice!

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BG, SQL Server MVP
www.SolidQualityLearning.com
"Steve Kass" <skass@drew.edu> wrote in message
news:OQqqAFKBEHA.1604@TK2MSFTNGP11.phx.gbl...
> Cute! You can also order by a function returning the ip as a bigint:
>
> create function ipVal (
>   @ipAdd varchar(15)
> ) returns bigint as begin
>   declare @a varchar(3), @b varchar(3), @c varchar(3), @d varchar(3)
>   set @ipAdd = replace(@ipAdd, '.', space(1))
>   exec master..xp_sscanf @ipAdd, '%s%s%s%s', @a output, @b output, @c
>   output, @d output
>   return 256.*(256.*(256.*@a + @b)+ @c) + @d
> end
>
> SK
>
> Itzik Ben-Gan wrote:
>
> >Or...
> >
> >CREATE VIEW Patterns
> >AS
> >SELECT REPLICATE('_',N1.n) + '.'
> > + REPLICATE('_',N2.n) + '.'
> > + REPLICATE('_',N3.n) + '.'
> > + REPLICATE('_',N4.n) AS pattern,
> > 1 AS s1, N1.n AS l1,
> > N1.n+2 AS s2, N2.n AS l2,
> > N1.n+N2.n+3 AS s3, N3.n AS l3,
> > N1.n+N2.n+N3.n+4 AS s4, N4.n AS l4
> >FROM Nums AS N1, Nums AS N2, Nums AS N3, Nums AS N4
> >WHERE N1.n <= 3 AND N2.n <= 3 AND N3.n <= 3 AND N4.n <= 3
> >GO
> >
> >SELECT T.*
> >FROM T JOIN Patterns
> > ON ipAdd LIKE pattern
> >ORDER BY
> > CAST(SUBSTRING(ipAdd,s1,l1) AS TINYINT),
> > CAST(SUBSTRING(ipAdd,s2,l2) AS TINYINT),
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microsoft.public.sqlserver.programming: Re: sort

```
> > CAST(SUBSTRING(ipAdd,s3,13) AS TINYINT),  
> > CAST(SUBSTRING(ipAdd,s4,14) AS TINYINT)  
> >  
> > ;-)  
> >  
> >  
>
```