

Re: Alter Column – strange behaviour msg 5074

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.server/2005-01/1465.html>

From: Anton Santa (*santa_at_sabesoft.it*)

Date: 01/13/05

Date: Thu, 13 Jan 2005 17:56:28 +0100

the message is italian since I've an italian engine installed:

Server: Msg 5074, Level 16, State 8, Line 1

Il indice 'ix_testdata_aName' dipende da colonna 'aName'.

Server: Msg 4922, Level 16, State 1, Line 1

ALTER TABLE ALTER COLUMN aName non è riuscita perché uno o più oggetti accedono a questa colonna.

meaning:

The index .. is dependent on column ..

ALTER TABLE DROP COLUMN .. failed because one or more objects access this column.

..

regards

Anton Santa

"Aaron [SQL Server MVP]" <ten.xoc@dnartreb.noraa> ha scritto nel messaggio

news:Oap9AhY%23EHA.2180@TK2MSFTNGP10.phx.gbl...

> *What is the TEXT of the error message?*

>

> --

> <http://www.aspfaq.com/>

> *(Reverse address to reply.)*

>

>

>

>

> "Anton Santa" <santa@sabesoft.it> wrote in message

> news:uQCjiGY#EHA.2032@tk2msftngp13.phx.gbl...

>> *Hi,*

>> *I've a very strange behaviour when launching a*

>> *ALTER TABLE X ALTER COLUMN V VarChar(16)*

>> *an error 5074 is returned; previously the column was varchar(15). The*

> *column*

>> *is indexed. Sometimes it works without problems, other times it returns*

> *the*

>> *error 5074 as mentioned. I cannot see differences between the databases*

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>> where it works and where it doesn't work.
>> To reproduce the problem, follow this task:
>> – from query analyzer execute this:
>> if exists (select * from dbo.sysobjects where id =
>> object_id(N'[dbo].[testdata]') and OBJECTPROPERTY(id, N'IsUserTable') =
>> 1)
>> drop table testdata
>> go
>> create table testdata (
>> id int,
>> aName varchar(10) null,
>> CONSTRAINT [pk_testdata] PRIMARY KEY CLUSTERED
>> (
>> [id]
>> ) ON [PRIMARY]
>> )
>> on [primary]
>>
>> go
>> create index ix_testdata_aName on testdata (aName) on [primary]
>> go
>> insert into testdata (id, aName) values(1,'aaa')
>> go
>> insert into testdata (id, aName) values (2, 'bbb')
>> go
>> insert into testdata (id, aName) values (4, null)
>> go
>>
>> alter table testdata alter column aName varchar(11)
>> go
>>
>> – all works fine
>> – then copy this table to another database using the export–wizard of
>> enterprise manager
>> – then try to alter the table on the second database with
>>
>> alter table testdata alter column aName varchar(12)
>> go
>>
>> and you receive the error.
>>
>> best regards
>> Anton Santa
>>
>>
>
>
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