

pls help for the script!

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Source:

<http://www.tech-archive.net/Archive/German/VB/microsoft.public.de.vb.datenbank/2005-04/msg00159.html>

- From: pmueller56@xxxxxxxxxxxxx (paul)
 - Date: 25 Apr 2005 13:13:38 -0700
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hello,

my script do not run with the parameter "
exec as @firma='LG', @arbg='01', @hierarchie=1" becomes the following
failure:

"... no convert char in numeric on column!"

if i run the script with @firma='01' is this ok.

here is the script:

```
if exists (select * from dbo.sysobjects where id =  
object_id(N'[dbo].[as]') and OBJECTPROPERTY(id, N'IsProcedure') = 1)  
drop procedure [dbo].[as]  
GO
```

```
SET QUOTED_IDENTIFIER ON  
GO  
SET ANSI_NULLS ON  
GO
```

achtung

*/

```
CREATE procedure as  
@firma as char(2)='00',  
@arbg as char(2)='00',  
@hierarchie as int=1
```

as

```
declare  
---@firma char(2), @arbg char(2), @hierarchie int,
```

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```
@tabellenname char(30), @sql nchar(500),  
@apostroph char(1), @orgarbg char(7), @laufvar int, @spalte char(2),  
@spaltenname char(50),  
@spalte_prev char(2), @spaltenname_prev char(50)
```

```
select @tabellenname='Fa'+@firma+'_ORG'+@arbg+'_Hier'+cast(@hierarchie  
as char(2)),  
@apostroph='',  
@orgarbg='kmorg'+@arbg
```

--Tabelle

erstellen-----

```
select @sql='if exists (select * from dbo.sysobjects where id =  
object_id(N'+@apostroph+'[+ltrim(rtrim(@tabellenname))]+'+@apostroph+')  
and OBJECTPROPERTY(id, N'+@apostroph+'IsUserTable'+@apostroph+) = 1)  
drop table [+ltrim(rtrim(@tabellenname))]+'
```

```
exec sp_executesql @sql
```

```
select @sql='create table  
[+ltrim(rtrim(@tabellenname))]+('[+@orgarbg+] char(20))'
```

```
exec sp_executesql @sql
```

--Spalte 1

füllen-----

```
select @sql='insert into '+ltrim(rtrim(@tabellenname))+'+(+@orgarbg+)  
select ororg from kor00  
where orarbg='+@arbg+' and orfnr='+@firma+' and (orbuch="B" or  
orhber=1)'
```

```
exec sp_executesql @sql
```

---Spalten aufbauen und

füllen-----

```
set @laufvar=1
```

```
--Dummy-Tabelle Spaltenname erstellen
```

```
if exists (select * from dbo.sysobjects where id =  
object_id(N'[Spaltennamen]') and OBJECTPROPERTY(id, N'IsUserTable') =  
1)
```

```
drop table [Spaltennamen]
```

```
create table [Spaltennamen]([Laufvar] int, [Spaltenname] char(50))
```

```
--
```

```
while @laufvar<21
```

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begin

```
select @spalte=case when @laufvar<10 then '0'+cast(@laufvar as char(1)) else cast(@laufvar as char(2)) end
```

--Dummy-Tabelle Spaltenname füllen

```
select @sql='insert into spaltennamen select '+cast(@laufvar as char(2))+', case when hebez is null then '+@apostroph+'Spalte'+@spalte+' else hebez end from xhs00 left join xhe00 on hsanw=heanw and hсарbg=hearbg and hsfnr=hefnr and hсbr'+@spalte+'=heber where hsanw='+@apostroph+'K'+@apostroph+' and hshi='+cast(@hierarchie as char(2))+ ' and hsfnr='+@firma+' and hсарbg='+@arbg  
--select @sql  
exec (@sql)
```

--Spalte zu Tabelle hinzufügen

```
select @spaltenname=spaltenname from spaltennamen where laufvar=@laufvar
```

--Spalten für Elemente hinzufügen

```
select @sql='alter table '+rtrim(@tabellenname)+' add Level'+rtrim(@spalte) +' char(50) null'
```

```
exec sp_executesql @sql
```

--Spalten für Elementbezeichnungen hinzufügen

```
select @sql='alter table '+rtrim(@tabellenname)+' add '+rtrim(@spaltenname) +' char(50) null'  
exec sp_executesql @sql
```

--Spalten in Tabelle füllen

--Level füllen

```
select @sql='update '+ltrim(rtrim(@tabellenname))+ ' set level'+ltrim(rtrim(@spalte))+ ' hio'+ltrim(rtrim(@spalte))+ ' from '+ltrim(rtrim(@tabellenname))+ ', kor00, khi00 where orarbg='+@arbg+' and orfnr='+@firma+' and '+@orgarbg+'=hio01 and orarbg=hiarbg and orfnr=hifnr and hihi='+cast(@hierarchie as char(2))+ ' and ororg=hio'+@spalte  
exec sp_executesql @sql
```

--NULL-Felder Level füllen

```
select @sql='update '+ltrim(rtrim(@tabellenname))+ ' set level'+ltrim(rtrim(@spalte))+ '='+@apostroph+'-'+@apostroph+' from '+ltrim(rtrim(@tabellenname))+ ' where level'+ltrim(rtrim(@spalte))+ ' is null'  
exec sp_executesql @sql
```

--Bezeichnung füllen

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```
select @sql='update '+ltrim(rtrim(@tabellenname))+ ' set
'+ltrim(rtrim(@spaltenname))+ '=
ltrim(rtrim(level'+ltrim(rtrim(@spalte))+'))+'' "+orbez from
'+ltrim(rtrim(@tabellenname))+ ', kor00, khi00 where orarbg='+@arbg+
and orfnr='+@firma+ ' and '+@orgarbg+=hio01 and orarbg=hiarbg and
orfnr=hifnr and hihi='+cast(@hierarchie as char(2))+ ' and
ororg=hio'+@spalte
exec sp_executesql @sql
--NULL-Felder Bezeichnung füllen
select @sql='update '+ltrim(rtrim(@tabellenname))+ ' set
'+ltrim(rtrim(@spaltenname))+ '='+@apostroph+'-'+@apostroph+' from
'+ltrim(rtrim(@tabellenname))+ ' where '+ltrim(rtrim(@spaltenname))+
is null'
exec sp_executesql @sql
```

```
select @laufvar=@laufvar+1
```

```
end
```

```
--Spalten Ebene 1 füllen, für Elemente, die nicht in Hierarchie
sind---
```

```
select @spaltenname=spaltenname from spaltennamen where laufvar=1
select @sql='update '+ltrim(rtrim(@tabellenname))+ ' set level01=
'+@orgarbg+' from '+ltrim(rtrim(@tabellenname))+ ' where level01 is
null'
exec sp_executesql @sql
select @sql='update '+ltrim(rtrim(@tabellenname))+ ' set
'+ltrim(rtrim(@spaltenname))+ '= ltrim(rtrim('+@orgarbg+'))+'' "+orbez
from '+ltrim(rtrim(@tabellenname))+ ' left join kor00 on ororg=level01
where '+ltrim(rtrim(@spaltenname))+ ' is null'
exec sp_executesql @sql
```

```
-- Anpassen Elementname --> Schreibe Parentname in Hierarchiesprünge
```

```
set @laufvar=19
while @laufvar>1
begin
select @spaltenname= spaltenname from spaltennamen where
laufvar=@laufvar
select @spaltenname_prev= spaltenname from spaltennamen where
laufvar=@laufvar+1
```

```
select @sql='update '+ltrim(rtrim(@tabellenname))+ ' set
'+ltrim(rtrim(@spaltenname))+ '= '+ltrim(rtrim(@spaltenname_prev))+ '
where '+ ltrim(rtrim(@spaltenname))+ '= ' +@apostroph+'-'+@apostroph
```

```
exec sp_executesql @sql
```

```
select @spalte=case when @laufvar<10 then '0'+cast(@laufvar as
```

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```
char(1)) else cast(@laufvar as char(2)) end
select @spalte_prev=case when (@laufvar+1)<10 then
'0'+cast((@laufvar+1) as char(1)) else cast((@laufvar+1) as char(2))
end
```

— Anpassen Elementkey —> Schreibe Parentkey+Level in Hierarchiesprünge

```
select @sql='update '+ltrim(rtrim(@tabellenname))+ ' set
level'+ltrim(rtrim(@spalte))+ '= ltrim(rtrim(
level'+ltrim(rtrim(@spalte_prev))+ ')) + '
+@apostroph+ltrim(rtrim(@spalte))+@apostroph+' where
level'+ltrim(rtrim(@spalte))+ '=' +@apostroph+'-'+@apostroph
select @sql
exec sp_executesql @sql
```

```
set @laufvar=@laufvar-1
```

```
end
```

```
GO
SET QUOTED_IDENTIFIER OFF
GO
SET ANSI_NULLS ON
GO
```

thanks paul

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