

## Re: Zeos Acces + Firebird

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*Source:* <http://coding.derkeiler.com/Archive/Delphi/alt.comp.lang.borland-delphi/2005-09/msg00096.html>

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- *From:* "Maarten Wiltink" <[maarten@xxxxxxxxxxxxxxxxxxxxx](mailto:maarten@xxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Sat, 10 Sep 2005 16:39:25 +0200
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"Mike Walker" <[mwalker@xxxxxx](mailto:mwalker@xxxxxx)> wrote in message  
[news:dfmbqt\\$12u\\$1@xxxxxxxxxxxxxxxxxxxxx](mailto:news:dfmbqt$12u$1@xxxxxxxxxxxxxxxxxxxxx)

> Table structure:  
>  
> field "lastname" is varchar (30): Charset=win1250, Collate = pxw\_slov  
>  
> When I made zquery:  
>  
> select \* from mytable  
> where lastname = 'Maric'  
> order by lastname  
>  
> all was OK, but when I tried this:  
>  
> select \* from mytable  
> where lastname = 'Mariæ'  
> order by lastname  
>  
> I got next error message:  
>  
> "Sql Error: arithmetic exception, numeric overflow, or string truncation  
> Cannot transliterate character between caracter sets. Error Code: -802.  
> Aritmetic overflow or division by zero acurred."

Your table is encoded in charsetset windows-1250, it says so right there. Judging from your email address, that's probably an excellent choice.

You don't say what charsetset is selected in the window where you typed your query, but let's suppose it's windows-1252, which is the default. That puts the a-e ligature, U+00E6, in codepoint \$e6.

Now compare <http://www.microsoft.com/globaldev/reference/sbcs/1252.mspx> to <http://www.microsoft.com/globaldev/reference/sbcs/1250.mspx>, and try hard to locate U+00E6 in the latter. There's a cookie in it for you if you can find it, but in a codepage named "Central Europe", I doubt that there was ever much demand for it.

Re: Zeos Acces + Firebird

So your error message is right on the money. The database server really is being asked to, and cannot, transliterate that character.

Does Firebird support the nvarchar datatype?

Groetjes,  
Maarten Wiltink

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• *Follow-Ups:*

- ◆ **Re: Zeos Acces + Firebird**  
◇ *From:* Mike Walker

• *References:*

- ◆ **Zeos Acces + Firebird**  
◇ *From:* Mike Walker

- Prev by Date: **Re: Correct Identation/Contex can solve the too**