
Subject: umlauts in mysql-update
Posted by [michael](#) on Wed, 24 Jun 2009 13:37:19 GMT
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I've updated from 2008.1 to 1314 and since i did this, i have a problem when updating a mysql-database:

When i use umlauts in that mysql-update, every umlaut is displayed as ?

Updating a mysql-database using umlauts was no problem with 2008.1.

Is this a known problem and how can i fix this?

Subject: Re: umlauts in mysql-update
Posted by [mirek](#) on Wed, 24 Jun 2009 14:58:34 GMT
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michael wrote on Wed, 24 June 2009 09:37 I've updated from 2008.1 to 1314 and since i did this, i have a problem when updating a mysql-database:

When i use umlauts in that mysql-update, every umlaut is displayed as ?

Updating a mysql-database using umlauts was no problem with 2008.1.

Is this a known problem and how can i fix this?

Do you have correct encoding mode?

Mirek

Subject: Re: umlauts in mysql-update
Posted by [michael](#) on Wed, 24 Jun 2009 16:29:51 GMT
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I've set encoding in the package-organizer to windows-1252, as i did in the 2008.1 version of upp.

Is this the right place to set the encoding?

Subject: Re: umlauts in mysql-update
Posted by [michael](#) on Thu, 25 Jun 2009 18:11:00 GMT
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The problem seems to be somewhere in SqlUpdate:

```
customer customer;
```

```
customer.sqlID = StrInt(sqlData[0]);  
customer.name = sqlData[1];  
customer.number = StrInt(sqlData[2]);  
customer.product = sqlData[3];  
customer.version = sqlData[4];  
customer.location = sqlData[5];  
customer.connection = sqlData[6];  
customer.comment = sqlData[7];
```

```
PromptOK(customer.name); // Just for debugging
```

```
Sql sql(session);
```

```
sql * SqlUpdate(SqlId(sqlTable))  
(NAME, customer.name)  
(NUMMER, customer.number)  
(PRODUKT, customer.product)  
(VERSION, customer.version)  
(STANDORT, customer.location)  
(ANBINDUNG, customer.connection)  
(BEMERKUNG, customer.comment)  
.Where(ID == customer.sqlID);
```

customer.name contains umlauts as long i update the database with SqlUpdate.

Any idea whats going wrong? As i mentioned before, this problem does not occur using upp 2008.1.

Subject: Re: umlauts in mysql-update
Posted by [mirek](#) on Fri, 26 Jun 2009 12:15:59 GMT
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michael wrote on Thu, 25 June 2009 14:11The problem seems to be somewhere in SqlUpdate:

```
customer customer;
```

```
customer.sqlID = StrInt(sqlData[0]);  
customer.name = sqlData[1];  
customer.number = StrInt(sqlData[2]);  
customer.product = sqlData[3];  
customer.version = sqlData[4];  
customer.location = sqlData[5];  
customer.connection = sqlData[6];  
customer.comment = sqlData[7];
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PromptOK(customer.name); // Just for debugging
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(NUMMER, customer.number)  
(PRODUKT, customer.product)  
(VERSION, customer.version)  
(STANDORT, customer.location)  
(ANBINDUNG, customer.connection)  
(BEMERKUNG, customer.comment)  
.Where(ID == customer.sqlID);
```

customer.name contains umlauts as long i update the database with SqlUpdate.

Any idea whats going wrong? As i mentioned before, this problem does not occur using upp 2008.1.

Aehm, and when things get broken?

Anyway, the difference (since 2008.1) seems to be in these lines:

```
if(mysql && mysql_real_connect(mysql, sEmpNull(host), sEmpNull(user),  
                             sEmpNull(password), sEmpNull(database), port,  
                             sEmpNull(socket), 0)) {  
    Sql sql(*this);  
    username = sql.Select("substring_index(USER(), '@', 1)");  
    mysql_set_character_set(mysql, "utf8");  
    sql.Execute("SET NAMES 'utf8'");  
    sql.Execute("SET CHARACTER SET utf8");  
    return true;  
}
```

..and then there is code to convert results from UTF-8 to/from actual encoding...

Maybe you could try to set your app to utf-8 and see what happens?

Mirek

Subject: Re: umlauts in mysql-update
Posted by [michael](#) on Fri, 26 Jun 2009 19:10:13 GMT
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I set my app-encoding to utf-8, but the problem is still there.

Subject: Re: umlauts in mysql-update

Posted by [mirek](#) on Sat, 27 Jun 2009 08:16:30 GMT

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michael wrote on Thu, 25 June 2009 14:11The problem seems to be somewhere in SqlUpdate:

```
customer customer;
```

```
customer.sqlID = StrInt(sqlData[0]);
customer.name = sqlData[1];
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(NAME, customer.name)
(NUMMER, customer.number)
(PRODUKT, customer.product)
(VERSION, customer.version)
(STANDORT, customer.location)
(ANBINDUNG, customer.connection)
(BEMERKUNG, customer.comment)
.Where(ID == customer.sqlID);
```

customer.name contains umlauts as long i update the database with SqlUpdate.

Please, again, when it gets wrong?

Mirek

Subject: Re: umlauts in mysql-update

Posted by [michael](#) on Sat, 27 Jun 2009 09:04:36 GMT

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lets say for exapmle the customer.name contains umlauts like this:

```
Sql sql(session);
```

```
sql * SqlUpdate(SqlId(sqlTable)) // <-- here the customer.name changes to M?ller  
(NAME, customer.name)  
(NUMMER, customer.number)  
(PRODUKT, customer.product)  
(VERSION, customer.version)  
(STANDORT, customer.location)  
(ANBINDUNG, customer.connection)  
(BEMERKUNG, customer.comment)  
.Where(ID == customer.sqlID);
```

Subject: Re: umlauts in mysql-update

Posted by [mirek](#) on Sun, 28 Jun 2009 07:10:08 GMT

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michael wrote on Sat, 27 June 2009 05:04lets say for exapmle the customer.name contains umlauts like this:

```
Sql sql(session);
```

```
sql * SqlUpdate(SqlId(sqlTable)) // <-- here the customer.name changes to M?ller  
(NAME, customer.name)  
(NUMMER, customer.number)  
(PRODUKT, customer.product)  
(VERSION, customer.version)  
(STANDORT, customer.location)  
(ANBINDUNG, customer.connection)  
(BEMERKUNG, customer.comment)  
.Where(ID == customer.sqlID);
```

Have you checked what is in MySQL? (using some other tool, e.g. MySql Query Browser)?

Would it be possible to chreate short testcase?

Mirek
