Subject: Fixed MySQL encoding issue
Posted by mirek on Wed, 20 Aug 2008 10:10:52 GMT
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I have encountered problem with text encoding in MySQL.

This is now fixed; MySql package performs necessary conversion to default encoding.

However, this needs reconsideration of BLOBs in database (because they must NOT be converted). On fetch, U++ can deal with problem, but sending data to MySQL you have to embed it to SqlRaw helper type (just like in Oracle).

(Note that everything works by setting MySQL to utf-8 mode, therefore if your application is in utf-8 too, there is no conversion and no BLOB issue).

Mirek

Subject: Re: Fixed MySQL encoding issue
Posted by Mindtraveller on Wed, 20 Aug 2008 16:17:18 GMT
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Great.
Could you please tell, does any of MySQL classes set session character set?

Subject: Re: Fixed MySQL encoding issue
Posted by mirek on Wed, 20 Aug 2008 17:19:23 GMT
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Mindtraveller wrote on Wed, 20 August 2008 12:17Great.
Could you please tell, does any of MySQL classes set session character set?

Yes:

http://code.google.com/p/upp-mirror/source/browse/trunk/upps rc/MySql/MySql.cpp

Mirek

Subject: Re: Fixed MySQL encoding issue
Posted by mirek on Wed, 20 Aug 2008 17:20:34 GMT
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(or no? now thinking about it, I am not sure about the term....

Anyway, I think, please check the code and explain if it is wrong..

Subject: Re: Fixed MySQL encoding issue
Posted by Mindtraveller on Thu, 21 Aug 2008 06:33:16 GMT
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Yes, I saw it now. This is strange, but I had issues with encoding until I explicitly called :
```
 if
(!session.Connect(config.GetAdd("mysqlLogin","?"),config.GetAdd("mysqlPassword","?"),config.GetAdd("mysqlDB","?"),config.GetAdd("mysqlServer","?"),3306))
  throw "Can`t connect to MySQL";
 mysql_set_character_set(session, "utf8");
```

My issue was the same as here.
And changing program charset and encoding with SetLNGCharset or SetLanguage didn`t seem to help.

Subject: Re: Fixed MySQL encoding issue
Posted by mirek on Thu, 21 Aug 2008 09:42:23 GMT
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Well, I call 'mysql_set_character_set' too...

In any case, it now works...

Mirek