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ì, ì½"ë" © ì'í•'í•~ê, °

ë<æÿ, ì-, ì- 'ëš" ë<æÿ, ë-, ìžë¼ í•, ìš"ëioe í• © ë<^ë<æ. ì~^ì, ì~ ì°ë|í,, ° ì, ì½"ë" © ì€ í... ìšæíš, ë¼¼ ì €ìžÿí•~ê, ° ìœ,, í•~ì— ì í•, ìš"í•œ ë"" ìšæí— ê³µê°, ì~ ì-ì,, ìæ,, ì'ê, ° ìœ,, í•~ì— "ì°ë|í,, ° ì,, íš," ë<¹ 255 ì°ë|í,, °ëioe ì œí•œë~ì- ' ìž^ì—^ìšµë<^ë<æ. ë³, ëž~ì~ ì°ë|í,, ° ì,, íš,, ASCII, sm 128 ì°ë|í,, °ëioe ì œí•œë~ì- ' ìž^ì—^ê³, ì~ì-ì-ëš" ì ë<¹í-^ìšµë<^ë<æ.

ìœ ë<^ì½"ë"œ í™ œë™ ê³¼ UTF-8 ì, ì½"ë" © ì€ ëª"ë" ì-, ì-ì— ëœí•~ì— ëª"ë" ì°ë|í,, °ë¼¼ ìµœëœí•œ íš"ê³¼ ìœ¼ëioe ìš€ìí•~ê, °ìœ,, í•~ì— ìfi,, ±ë~ì—^ìšµë<^ë<æ.

í<°í, æš" ë, 'ë¶€ ìœ¼ëioe ëª"ë" ìž'ë™ì— ëœí•~ì— UTF-8 ì,, ì-, ìš©í•~ê³ ìž^ìœ¼ë°©, ëšæìš° ì~æžœ ìœê°, ë™ì•^ ê, ë †ê²œ í•^ì™ "ìšµë<^ë<æ.

ì, ì½"ë" © ìœë, ~ë|~ì~æ

í•~ìš€ëšœ, MySQL ì€ ë³'ë<æë, ~ì€ íš"ìœ"ì,, ±ì,, ìœ,, í•~ì— ë<æÿ, ì, ì½"ë" © ì,, ì-, ìš©í•~êš" ê²fi,, í—^ìš©í• © ë<^ë<æ. ê³¼ê±°ì—ëš", í<°í, æê°€ MySQL ì—ê²œ ì œê³µí•~êš" ì»"í...ì, ì— ëœí•~ì— ìž~ëª»ëœ ì •ë³'ë¼¼ ì œê³µí•~ì~€ìšµë<^ë<æ. ë<æì-í•œ ê²°ê³¼ê°€ ì^'ëž~ë ì~ ìž^ì—^ìšµë<^ë<æ.

UTF-8 ì, ì-ëi€

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latin ì, ì-ëi€

ëšžì€ ê²½ìš°, MySQL ì' ì»"í...ì, ë¼¼ ëœ€ë¶€ë¶,, ì~ ì,, œioe ëž½ ì-, ì-ì— ì ì'í•œ ì, ì½"ë" © ì, latin ìœ¼ëioe ë°>ì•,, ë"æì'ê³ ì €ìžÿí•~ê,, ëì ì,, æì •ë~ì—^ìšµë<^ë<æ. ì'ëž°í•œ ì,, æì • í•~ì—ì,, œëš" í<°í, æê°€ ì,, ë© ì—ì,, œëš" ì œëœ€ëioe ìž'ë™ í-^ìšµë<^ë<æ, í•~ìš€ëšœ, ë<æìœê³¼ ê°™ì€ ë¶€ìž'ìš©í' ìž^ì—^ìšµë<^ë<æ:

- í<°í, æì— ì'í•~ì— ì €ìžÿëœ ë°ì'í,, °ë¼¼ phpMyAdminê³¼ ê°™ì€ ë<æÿ, ììš©í" ,, ëioeê, ëž~ì—ì,, œ ì¶"ì¶œí•~êš" ê²fi' ì'ì'í•~ê²œ ì, ì½"ë"œëœ ì°ë|í,, °ë"æì' ë°œìfi•~ê²œ ë~ì—^ë<æ.
- ë°ì'í,, °ë² ììšæë¼¼ ë<æÿ, ì,, œë²,, ëioe ì'ë™ í•~êš" ê²fi' ì~^ì, í•~ìš€ëª»í•œ ì~æÿ~ë¼¼ ì•¼ê, °í•~ì~€ë<æ.
- ëª©ì°"ì— ì^œì,, œë¼¼ ë¶€ì—ìí•~êš" ê²fi' ë-ìž'ìœ,, ì²~ëž½ ë³'ì~€ë<æ.

ë"ë, " ì, ì½"ë" ©

ëœ€ë¶€ë¶,, ì~ ê³µìœ í, ìšæíœ...ì—ì,, œëš" ì-, ì'íš, ê'ë|~ìžê°€ ì,, œë²,, ìfi~ ê, °ë³, ì—°ê²°

ì,½"ë"©ì— è€í•~ì— ì œì- 'é¶€ì' ì—†šµë^è<κ. ì—°è²° ì,½"ë"©ì€ latin1 ìœ¼ëïœ ì,—ìš©ë~è³ ìž^ì, ì~ë, ìž^ìšµë^è<κ. í•~ìš€ëš€€, è°ì'í,,°è² ì'ìšµë¼¼ ìfi,,±í• è•€€, ì,—ì'íš, é'€èì—ìžëš" ahems djsdjmf wldnjsgkrl dnlgkdu è°ì'í,,°è² ì'ìšµë¼¼ UTF-8 ìœ¼ëïœ èš€è"æ²€ è©è<è<κ.

ì' èÿ—í•œ ì,,xì •ì€ è,°è' ìšµëÿ—ìš' íš'è³¼è¼¼ è,³è²€ è~ì— ìšµë^è<κ. í•°í,xè°€ UTF-8 è°ì'í,,°è¼¼ ì,,ì†íí• è•€€, MySQL ì€ ì'è²fí latin1 ì'è¼è³ è°>ì•,,è"xì'èš" è²fìž...è<è<κ. è°ì'í,,°è² ì'ìšµë°€ UTF-8 ì,, ìš"ì²í•~ì'èè,° è•€è—,ì—, è³€í™~ì,, ì<œè,,í•è³ ì'ìš'ìœ¼ëïœ ì,½"ë"œèœ UTF-8 ì,, ì•¼è,°í•è²€ è~ì— ìšµë^è<κ.

ì' „ì<xì—ì,,œ ì'èÿ—í•œ è²°è³¼èš" latin ì,—èì€ì™€ èšxìš° ìœ ì,—ì'~è²€ è~ì— ìšµë^è<κ.

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è°ì'í,,°è² ì'ìšµ ì,½"ë"©ì— ì'í•~ì— ìš€ì>è~ìš€ ì•šëš" èì,,ìš€ì> ì,—ì' ì™, ì—èš", èª"è" è,°èšÿì€ í•°í,xì—ì,,œ ì'—è°"èÿ'è²€ ìž'è™í• è²fìž...è<è<κ.

è³€è²¼è, ì—

Tiki5 ì—ì,,œ ì'èÿ—í•œ è—,ì œì è"xì,, í•'è²°í•è xì—^è³ , è¶€è¶,,ì ìœ¼ëïœèš" ì<xì€"í•œ ì<œè,, ì'í,, Tiki51 ì—ì,,œ è" èšžì€ ì,, ìfi,—ì'ì' ì¶"è°€è~ì— ìšµë^è<κ.

ì' ì,,ì...ì—ì,,œèš" 5.1 èìœì~ì—...è,è'è"œè°€ è•€í•~ì ì,,xì~ì— ì'è—x ì'í-ÿì,, è~ì ìš€ ì,,xèª...í•©è<è<κ.

2.x, 3.x í~ì€ 4.x ì—ì,,œ ì—...è,è ^ì'è"œí•~è,°

ì'ì,, è²,,ì,,è"xì—ì,,œ í•°í,xèš" è°ì'í,,°è°€ è³€ìš^è~èš" è²fì,, í"¼í•~è,° ìœ,,í•~ì— ì,,xì~èœ è,è€€èèïœ è³,,ì† ìž'è™í• è²fìž...è<è<κ.

ì,½"ë"© è—,ì œè¼¼ ì^~ì •í•èš" è²fì€ ì^è™ è°œìž...ì,, í•,,ìš"èïœ í• è²fìž...è<è<κ. í•°í,x ì,,xì~è'è€èì—ìžì—èš" è³€í™~ì,, ìš€ì>ì•è,° ìœ,,í•œ è,,èµ—è°€ ìž^ìšµë^è<κ. í•~ìš€ëš€€, è,,èµ—è"xì,, ì,—ìš©í•~è,° ì,— ì< èç°í• ì~ ìž^èš" è°±ì—...ì,, í•'è'ì... "ì¼ í•©è<è<κ. è°ì'í,,° è,è³'è,è,è,° è"xì,,í€€èì¼ ì^~ì •í•è,° è,è¼¼ è<xìœ è¶^èÿ—ì~xè,° è"±ì' è'èè "è~èš" è<xèèÿ, è°©ì<è,, ì,—ìš©è ì~ ìž^ìšµë^è<κ.

è°ì'í,,° ì†ì<xì,, í"¼í•~è,° ìœ,,í•~ì—, í...€è'è, "ì' UTF-8 ì,, ì,—ìš©í•~è³ ìž^è<xèš" è²fì,, í™•ì,ì•~ì... "ì¼ í•©è<è<κ. ì'èš" ì,,xì~ì' „èìœè,èž~ì ì,,xì~ì—...è,è'è"œ ìž^ìš€ì—ì,,œ ìš,,í-%òí• ì~ ìž^ìšµë^è<κ.

ì'ìš' ì,½"ë"©ì,, ì,ì œí•~èš" è²fì€ Enter Your Tiki ì—ì,,œ ìš,,í-%òè°€èšÿí•©è<è<κ. ì'èš" í'è¼ìì—,ìš, ì°èìí,,°,,ìš,è¼¼ UTF-8 èïœ è°•ì œèïœ ì,,xì •í•èš" è²fì' í•,,ìš"í•©è<è<κ.

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http://doc.tiki.org/Upgrade#Fix_the_encoding_issue

5.0 à—ì,,œ ì—...ê·,ë ^ì´ë“œ

In default 5.0 installations and upgrades, the connection character set was specified automatically in the configuration file.

New 5.0 installations correctly specified the connection encoding and will lead to either the UTF-8 case or the information loss case.

Upgraded 5.0 installations will lead to different results. However, the upgrade procedure to 5.1 does not impact the changes that were made at that time. Some administrator judgment is advised if encoding issues appear. The client character set can be altered in the configuration file. Contact the developer [mailing list](#) if support is required.

New 5.1 installations

New 5.1 installations will specify the connection encoding to UTF-8 by default. If the database is not in UTF-8, this will lead to information loss. The installer will propose that you convert your database to UTF-8.

If you have no control over the database encoding and still need to use non-latin characters (ex.: Arabic) , it is best not to force the connection encoding to UTF-8 or to set it as the same encoding as the database itself. It will lead to the latin case, which comes with certain downfalls, but still allow for multiple languages to be used on a single site.

If you can control your database encoding

Pre-Tiki6, make sure to set your MySQL (via PhpMyAdmin for example) so that new tables are also created in UTF-8. In general, for your databases, look for "MySQL connection collation:" and if it's at latin_1, change it to utf8_general_ci. (Generally, this is already the case in typical shared hosting)

Then, in PhpMyAdmin, go to the database you'll be using your Tiki in Server: localhost -> Database: tiki -> Operations -> Collation, and also change from latin_1 to utf8_general_ci before running the installer. (Generally, this needs to be changed in typical shared hosting)

This is the equivalent of the following MySQL statement:

```
ALTER DATABASE DEFAULT CHARACTER SET utf8 COLLATE utf8_general_ci;
```

Tiki 5.2 or 5.3

If you have file upload issues (just upload an image and you will see if it works or not), you can solve by

- applying revision [30522](#), which fixes it (and will be 5.4)

If you can't do that, you can try to

- add `$api_tiki='adodb'`; to your db/local.php,

and/or not forcing utf8

In db/local.php

```
$client_charset='utf8';
```

Now commented out

```
// $client_charset='utf8';
```

Tiki 5.4

On a fresh install, Tiki5.4 will by default set the tables to be UTF-8 and commit 30522 will be present.

Tiki6

On a fresh install, Tiki6 will by default set the tables to be UTF-8.

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http://doc.tiki.org/Upgrade#Fix_the_encoding_issue ë¼ ì, ´Ž´ë³´ì<œì~œ.

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[Getting out of MySQL Character Set Hell](#)