

Translation of this page is incomplete.

ì, ì½"ë" © ì'í' í' ~ ê, °

ë<æÿ, ì-ì-éš" ë<æÿ, ë-ì, ìžë¼ í, „ìš"ëioe í•©ë<^ë<α. ì~ì „ì ì°ëí, ° ì, ì½"ë" ©ìë í...ìšíí, ë¼
ì ìžÿí•~ê, ° ìœ„í•~ì-ì í, „ìš"í•œ ë"ìšíí-ê³µê„ì ì-ì, „ì, ì'ê, ° ìœ„í•~ì-ì "ì°ëí, ° ì, „ìš, " ë<¹ 255 ì°ë-
í, °ëioe ì œí•œë~ì-ì ž`ì-ì-ìšµë<^ë<α. ê³, žž~ì ì°ëí, ° ì, „ìš, ASCII, sm 128 ì°ëí, °ëioe ì œí•œë~ì-
žž-ì-ê³, ì-ì-ì-éš" ì ë<¹-ì-ìšµë<^ë<α.

ìœ ë<^ì½"ë"œ í™ œë™ ê³¼ UTF-8 ì, ì½"ë" ©ìë ë"ë" ì-ì-ì-ëœí•~ì-ì-ë"ë" ì°ëí, °ë¼ ìµœëœí•œ
íš"ê³¼ ìœ¼ëioe ìšíí•~ê, °ìœ„í•~ì-ì-ì-ì, „ì, ±ë~ì-ì-ìšµë<^ë<α.

í<°í, µëš" ë, 'ë¶èì ìœ¼ëioe ë"ë" ìž"ë™ì-ëœí•~ì-ì- UTF-8 ì, ì, ì-ìš©í•ê³ ìž"ìœ¼ë©°, ëšíí° ì~æžœ
ì<œê°, ë™ì•^ê. ë ìšµë<^ë<α.

ì, ì½"ë" © ì<œë, ~ë|~ì~α

í•~ìšëšœ, MySQL ìë ê³'ë<æ, ìë íš"ìœ"ì, ±ì, ìœ„í•~ì-ì-ë<æÿ, ì, ì½"ë" ©ì, ì, ì-ìš©í•êš" ê²í,
ì-ìš©í•©ë<^ë<α. ê³¼ê±ì-éš", í<°í, µêœ MySQL ì-ê²œ ìœê³µí•~ëš" ì»"í...ì, ì-ëœí•~ì-ì-ìž"ë"ëœ
ì•ê³ ë¼ ìœê³µí•~ìëìšµë<^ë<α. ë<æ-ì•œ ê²°ê³¼ê°ë ì'ëž"ë ì~ ìž"ì-ì-ìšµë<^ë<α.

UTF-8 ì, -ëì€

ì ìí ì, ì<œë, ~ë|~ì~ì-ì, œëš", MySQL ë°í'í, °ë² ì'ìš ì, œë², ê°ë UTF-8 ì, ì½"ë" ©ì, ë°>ì, „ë"ì'ê³
ë°í'í, °ë¼ UTF-8 ëioe ì ìžÿí•~ë, „ëì ì, „ì •ë~éš" ê²íž...ë<^ë<α. ë"ë" ê, °ëšÿ' ì •ìí ìœ¼ëioe ìž"ë™í•~ìëê³
ë°í'í, °ê°ë ë<æÿ, ì'ìš©í" „ëioeê. žž"ìœ¼ëioeë¶èí, ° ìž"ìœ ëìê²œ ì'ê-¼ê ì~ ìž"ì-ì-ìšµë<^ë<α. ì-ë-ì•œ
ë°í-ìœíë ì'ëŸ ì, „ì •ìœ¼ëioe ë, ë<-ì•~ê²œ ë~éš" ì, „ìœ...ì, ìœê³µí•~ìëìšµë<^ë<æšœ, ëœëë¶èè¶, ì
ê²¼ìš°, ìœìšíí...œ ê'ëè|~ìžê°ë ê°œìž...ì, í•ì•¼êšœ í-ìšµë<^ë<α.

latin ì, -ëì€

ëšžìë ê²¼ìš°, MySQL ì' ì»"í...ì, ë¼ ëœëë¶èè¶, ì~ì, œëioe ëŸ½ ì-ì-ì-ì ì'í•œ ì, ì½"ë" ©ì, latin1
ìœ¼ëioe ë°>ì, „ë"ì'ê³ ì ìžÿí•~ë, „ëì ì, „ì •ë~ì-ìšµë<^ë<α. ì'ëŸ-ì•œ ì, „ì •í•~ì-ì, œëš" í<°í, µêœ
ì, „ë© ì-ì, œëš" ìœëœëioe ìž"ë™í-ìšµë<^ë<α, í•ìšëšœ, ë<æìê³¼ ê°™ìë ¶èèìž"ìš©ì ìž"ì-ì-ìšµë<^ë<α:

- í<°í, µì-ì'í•~ì-ì-ì ì ìžÿëœ ë°í'í, °ë¼ phpMyAdminê³¼ ê°™ìë ë<æÿ, ì'ìš©í" „ëioeê. žž"ì-ì, œ
ì¶"ì¶œí•~éš" ê²í' ì ìí•~ê²œ ì, ì½"ë"œœë ì°ëí, °ë"ì' ë°œìí•~ê²œ ë~ì-ë<α.
- ë°í'í, °ë² ì'ìšë¼ ë<æÿ, ì, œë², ëioe ì'ë™í•~éš" ê²í' ì~ì, íí•~ìšë ë"ë"ìœ ì~æÿ~ë¼ ì•¼ê, í•~ìë<α.
- ë°©ì"ì-ìœì, œë¼ ¶èèì-ì'~éš" ê²í' ë-ìž"ìœ, ì~ë¼ ê³ ì'ë<α.

ë"ë, " ì, ì½"ë" ©

ëœëë¶èè¶, ì ê³µioe í, ìšííœ...ì-ì, œëš" ì, ì-ì'íš, ê'ëè|~ìžê°ë ì, œë², ìí' ê, °ë³, ì-ë²° ì, ì½"ë" ©ì-
ëœí•~ì-ì-ì œì-ê¶èì' ì-ìšµë<^ë<α. ì-ë²° ì, ì½"ë" ©ìë latin1 ìœ¼ëioe ì, ì-ìš©ëê³ ìž"ì, ì~ë,
ìž"ìšµë<^ë<α. í•ìšëšœ, ë°í'í, °ë² ì'ìšë¼ ìí, ±í. ë•œ, ì, ì-ì'íš, ê'ëè|~ìžéš" ahems djsdjmf wldnjsgrl
dnlgkdu ë°í'í, °ë² ì'ìšë¼ UTF-8 ìœ¼ëioe ëšœë"æ²œ ë©ë<^ë<α.

ì'ëŸ-ì•œ ì, „ì •ìë ê, °ë' ìšëŸ-ìš' íš"ê³¼ë¼ ë, ê²œ ë~ì-ìšµë<^ë<α. í<°í, µêœ UTF-8 ë°í'í, °ë¼
ì, „ìíí• ë•œ, MySQL ìë ì'ê²í' latin1 ì'ë¼ê³ ë°>ì, „ë"ì'éš" ê²íž...ë<^ë<α. ë°í'í, °ë² ì'ìšê°ë UTF-8 ì, ìš"ì²-
í•~ìëê, °ë•œë-ì, „ë³í™~ì, ìœë„í•~ê³ ì'ìœ¼ëioe ì, ì½"ë"œœë UTF-8 ì, ì•¼ê, í•~ê²œ
ë~ì-ìšµë<^ë<α.

ì, „ìœì-ì, œ ì'ëŸ-ì•œ ê²°ê³¼éš" latin ì, -ëì€ì™ë ëšíí° ìœ ì, -ì•ê²œ ë~ì-ìšµë<^ë<α.

ì •ë³´ ìí<α

ēsÇEì¼½ ì,œè²,,ê°€ ê,°è³ ì ìœ¼äëïœ UTF-8 ì—°ê²°ì,, è°>ë,,ëì ì,,ì •ë~ì—^ê³ è°ìí,,°è² ì ìŠœê°€ latin1ìœ¼äëïœ ìfi,,±ë~ì—^ê<αë©´, í<°í,œëŠ” ì~—è°”èÏ´ê²ÇE UTF-8 è°ìí,,°èÏ¼ è³´è,¼ ê²fi´ê³ MySQL ìê è,èÏ¼ ì,ìí• ê²fiž...è<^è<α. í•~ìš€èšÇE ì ìžÏí• ì<œê°,,ì ë~ì—^ì,, è•ÇE, è°ìí,,°èŠ” latin1 ìœ¼äëïœ è³€í™~è ê²fiž...è<^è<α. UTF-8 ì´ê,°ífi ì,¼½”è”© ìç...èÏ~è³´è<α è” èšŽì€ ì°èìí,,°èÏ¼ è³´ìœ í• ì~ ìž^ê,°è•ÇEë—,ì—, ì•ÇEè ìš€ìš€ ä...±è,³ì€ ì°èìí,,°èŠ” ? í<œì<œ ì´ì€ è<αèÏ, ì•ÇEè ìš€ìš€ ì•Šì€ ì°èìí,,°èïœ è³€í™~è~ì—^ìšœè<^è<α.

è°ìí,,°è² ì ìŠœ ì,¼½”è”© ì— ì´í•~ì— ìš€ì>è~ìš€ ì•ŠëŠ” è¹,,ìš€ì> ì-ì-´ ì™, ì—èŠ”, è²”è” è,°èŠÏì€ í<°í,ìì—ì,œ ì~—è°”èÏ´ê²ÇE ìž´è™í• ê²fiž...è<^è<α.

è³€è²¼è,´ì—

Tiki5 ì—ì,œ ì´èÏ—í•œ è—, ì œèì è”œì,, í•´ê²°í•~è œì—ê³, è¶¶è¶¶,, ì ìœ¼äëïœèŠ” ì<œìÇE”í•œ ì<œè,, ì´í>,, Tiki51 ì—ì,œ è” èšŽì€ ì,, ìfi,,—í•ì´ ì¶¶”è°€è~ì—^ìšœè<^è<α.

ì´ì,,ì...~ì—ì,œèŠ” 5.1 èïœì~ ì—...è.è ^ì´è”œè°€ è•€í•~ì ì,,ìì¹~ì— ì-´è-œ ì´í-Ïì,, è~ì¹ ìš€ ì,,œè²...ì•©è<^è<α.

2.x, 3.x í´ì€ 4.x ì—ì,œ ì—...è.è ^ì´è”œèí•~è,°

ì´ì,, è²,, ì”è”œì—ì,œ í<°í,œèŠ” è°ìí,,°è°€ è³€ìš^è~èŠ” ê²fi,, í”¼í•~è,° ìœ,,í•~ì— ì,,ìì¹~èœ è.èÇEèèïœ è³,,ìž´è™í• ê²fiž...è<^è<α.

ì,¼½”è”© è—, ì œèÏ¼ ì~ì •í•~èŠ” ê²fi€ ì~è™ è°œèž...ì,, í•,,ìš”èïœ í• ê²fiž...è<^è<α. í<°í,œ ì,,ìì¹~è´€èì>—èŠ” è³€í™~ì,, ìš€ì>í•~è,° ìœ,,í•œ è,,èµ—è°€ ìž^ìšœè<^è<α. í•~ìš€èšÇE, **è,,èµ—è”œì,, ì,—ìš°í•~è,° ì,— ì<èç°í• ì~ ìž^èŠ” è°±ì—...ì,, í•´è¹...”ì¼ í•©è<^è<α.** è°ìí,,° è,°è³´è,´è,° èœì”,,ìÇEè¼ ì~ì •í•~è,° è.èÏ¼ è<œì<œ è¶¶èÏ—ìœè,° è”±ì´ è´€è ”è~èŠ” è<αèÏ, è°©ìè,, ì,—ìš°è ì~ ìž^ìšœè<^è<α.

è°ìí,,° ìí<œì,, í”¼í•~è,° ìœ,,í•~ì—, ì...ÇEì”è”ì´ UTF-8 ì,, ì,—ìš°í•~è³ ìž^è<œèŠ” ê²fi,, í™•ì,ì•~ì...”ì¼ í•©è<^è<α. ì´èŠ” ì,,ìì¹~ì”,,èïœè.èž”ì ì,,ìì¹~/ì—...è.è ^ì´è”œ ìž”ì ìš€ì—ì,œ ìš,,í-°œí• ì~ ìž^ìšœè<^è<α.

ì´ìœ´ ì,¼½”è”© ì,, ì ì œèí•~èŠ” ê²fi€ Enter Your Tiki ì—ì,œ ìš,,í-°œè°€èšÏí•©è<^è<α. ì´èŠ” ì´è¼ì ì-ìš, ì°èì-ì,,ì,, ìš,èÏ¼ UTF-8 èïœ è°•ì œèïœ ì,,ì •í•~èŠ” ê²fi´ í•,,ìš”í•©è<^è<α.

è<œìÇE— ì,,œè²...èœ è<”è³,,èÏ¼ è”è¹¼ì,œ ìš,,í-°œí•~ì— ìè¼ì<ìœìœ: http://doc.tiki.org/Upgrade#Fix_the_encoding_issue

5.0 ì—ì,œ ì—...è.è ^ì´è”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.

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

í•'ê²°í•~ěŠ" ë°©ë²•ì,,ì,,æª...í•©ë<^ë<ª.
[Getting out of MySQL Character Set Hell](#)