

Redmine - Defect #18866

MySQL: disappear after 4-Byte UTF-8

2015-01-16 11:37 - Алексей Городецкий

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Database	Estimated time:	0.00 hour
Target version:		Affected version:	2.5.2
Resolution:	Duplicate		
Description			
When writing tasks text after some characters disappear. For example, after the symbol «			
Related issues:			
Related to Redmine - Patch #19742: RedmineInstall: MySQL: collation_database			Closed
Related to Redmine - Feature #31921: Changes to properly support 4 byte chara...			Closed
Has duplicate Redmine - Defect #10779: redmine cannot deal with 4-byte utf-8 ...			Closed
Has duplicate Redmine - Defect #10772: 4-byte utf-8 characters			Closed
Has duplicate Redmine - Defect #21679: Emoji [CL] will break the subject of n...			Closed

History

#1 - 2015-01-16 11:42 - Алексей Городецкий

writing tasks text after some characters disappear. For example, after the symbol «

#2 - 2015-01-16 14:28 - Toshi MARUYAMA

after the symbol « after the symbol « after the symbol «

#3 - 2015-01-16 14:30 - Toshi MARUYAMA

- File *issue.png* added
- Status changed from New to Needs feedback

I cannot reproduce.

```
issue.png
Environment:
  Redmine version      2.5.3.stable
  Ruby version         1.9.3-p551 (2014-11-13) [x86_64-linux]
  Rails version        3.2.19
  Environment          production
  Database adapter     Mysql2
SCM:
  Subversion           1.6.11
  Mercurial            2.8.2
  Bazaar               2.1.1
  Git                  1.7.1
  Filesystem
Redmine plugins:
  no plugin installed
```

#4 - 2015-01-18 16:49 - Имя Фамилия

For example, after the symbol " ". This symbol was been encoded for this message as

&#x100000;

. Copy this message to reproduce.

#5 - 2015-01-18 16:53 - Имя Фамилия

Copy:
For example, after the symbol "

**#6 - 2015-01-18 17:57 - Toshi MARUYAMA**

- Category changed from Issues to Database
- Status changed from Needs feedback to New

The utf8mb4 Character Set (4-Byte UTF-8 Unicode Encoding)  
<http://dev.mysql.com/doc/refman/5.6/en/charset-unicode-utf8mb4.html>

**#7 - 2015-01-18 18:00 - Toshi MARUYAMA**

<http://www.fileformat.info/info/unicode/char/100000/index.htm>

UTF-8 (hex) 0xF4 0x80 0x80 0x80 (f4808080)

**#8 - 2015-01-18 18:01 - Toshi MARUYAMA**

- Subject changed from When writing tasks text disappears after some characters to MySQL: disappear after 4-Byte UTF-8

**#9 - 2015-05-03 02:01 - Toshi MARUYAMA**

- Related to Patch #19742: RedmineInstall: MySQL: collation\_database added

**#10 - 2015-06-22 05:49 - Toshi MARUYAMA**

- Status changed from New to Closed
- Resolution set to Duplicate

**#11 - 2015-06-22 05:49 - Toshi MARUYAMA**

- Is duplicate of Defect #10772: 4-byte utf-8 characters added

**#12 - 2015-06-22 05:49 - Toshi MARUYAMA**

- Related to deleted (Patch #19742: RedmineInstall: MySQL: collation\_database)

**#13 - 2015-06-22 05:51 - Toshi MARUYAMA**

- Status changed from Closed to New
- Resolution deleted (Duplicate)

**#14 - 2015-06-22 05:55 - Toshi MARUYAMA**

- Related to Patch #19742: RedmineInstall: MySQL: collation\_database added

**#15 - 2015-06-22 05:58 - Toshi MARUYAMA**

Try utf8mb4 ([#10772#note-7](#)).

**#16 - 2015-06-22 06:00 - Toshi MARUYAMA**

- Has duplicate Defect #10779: redmine cannot deal with 4-byte utf-8 characters added

**#17 - 2015-06-22 06:03 - Toshi MARUYAMA**

- Status changed from New to Closed

**#18 - 2015-06-22 06:04 - Toshi MARUYAMA**

- Status changed from Closed to New

**#19 - 2015-06-22 06:05 - Toshi MARUYAMA**

- Has duplicate deleted (Defect #10779: redmine cannot deal with 4-byte utf-8 characters)

**#20 - 2015-06-22 06:06 - Toshi MARUYAMA**

- Is duplicate of deleted (Defect #10772: 4-byte utf-8 characters)

**#21 - 2015-06-22 06:07 - Toshi MARUYAMA**

- Has duplicate Defect #10779: redmine cannot deal with 4-byte utf-8 characters added

**#22 - 2015-06-22 06:08 - Toshi MARUYAMA**

- Has duplicate Defect #10772: 4-byte utf-8 characters added

**#23 - 2016-01-08 17:01 - Toshi MARUYAMA**

- Has duplicate Defect #21679: Emoji [CL] will break the subject of new tickets added

**#24 - 2019-08-17 18:20 - Marius BĂLTEANU**

- Related to Feature #31921: Changes to properly support 4 byte characters (emoji) when database is MySQL added

**#25 - 2023-11-21 00:17 - Marius BĂLTEANU**

- Status changed from New to Closed

- Resolution set to Duplicate

Issues [#31921](#), [#32140](#) and [HowTo\\_convert\\_a\\_database\\_from\\_utf8\\_to\\_utf8mb4](#) page contain enough information to identify the issues caused by utf8 and to migrate the database to utf8mb4.

Closing this as duplicate.

**Files**

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issue.png	29.5 KB	2015-01-16	Toshi MARUYAMA
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