

## Redmine - Patch #32054

### Add test for 4 byte characters (emoji) support

2019-09-12 23:54 - Marius BĂLTEANU

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Code cleanup/refactoring	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.2.0		
<b>Description</b>			
In <a href="#">#31921</a> was added proper support for 4 byte characters (emoji) for new installations with MySQL as database.			
I proposed to have a test for this case, but we're worried that the test will broke the CI server.			
The scope of this ticket is to fix the CI server if the MySQL is not already configured properly by recreating the database with utf8mb4 encoding.			
<b>Related issues:</b>			
Related to Redmine - Feature #31921: Changes to properly support 4 byte chara...		<b>Closed</b>	

#### Associated revisions

##### Revision 20780 - 2021-03-13 02:16 - Go MAEDA

Add test for 4 byte characters (emoji) support (#32054).

Patch by Marius BALTEANU.

#### History

##### #1 - 2019-09-12 23:54 - Marius BĂLTEANU

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

##### #2 - 2019-09-27 17:36 - Marius BĂLTEANU

- Target version changed from 4.1.0 to 4.2.0

##### #3 - 2020-04-15 19:22 - Toshi MARUYAMA

I have already added Emoji test ([r19699](#)).  
git\_urf8 test repository is not extracted due to this.

[https://www.redmine.org/builds/logs/build\\_trunk\\_mysql\\_ruby-2.6\\_1044.html](https://www.redmine.org/builds/logs/build_trunk_mysql_ruby-2.6_1044.html)

```
+ PATH=/var/lib/jenkins/ruby/ruby-2.6/bin:/usr/local/bin:/usr/bin:/bin:/usr/local/games:/usr/games SCMS=subversion,git,mercurial,filesystem,bazaar,cvs
bundle exec rake ci:about ci:setup db:environment:set RAILS_ENV=test
```

##### #4 - 2021-03-12 10:06 - Go MAEDA

- File `test_for_emoji_support-v2.patch` added  
- Category set to Code cleanup/refactoring  
- Assignee deleted (Jean-Philippe Lang)

Marius BALTEANU wrote:

I proposed to have a test for this case, but we're worried that the test will broke the CI server.

I think we can avoid errors occurring on the CI server by adding the following check at the beginning of the test.

```
skip if Redmine::Database.mysql? && !is_mysql_utf8mb4
```

I will commit [test\\_for\\_emoji\\_support-v2.patch](#) soon.

**#5 - 2021-03-13 02:16 - Go MAEDA**

- Status changed from New to Closed

- Assignee set to Go MAEDA

Committed the patch. Thank you.

**Files**

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test_for_emoji_support.patch	832 Bytes	2019-09-12	Marius BĂLTEANU
test_for_emoji_support-v2.patch	1.23 KB	2021-03-12	Go MAEDA