

## Redmine - Defect #34810

### SQL Error with UTF8 character greater or equals

2021-02-26 18:56 - Florent H.

<b>Status:</b>	Reopened	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Wiki	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	4.1.1
<b>Resolution:</b>	Invalid		

**Description**

I am currently getting a fatal error using this character (greater or equals) editing a wiki page

≥

<https://fr.wiktionary.org/wiki/%E2%89%A5>

Error

```
app/models/wiki_page.rb:249:in `block in save_with_content'
app/models/wiki_page.rb:245:in `save_with_content'
app/controllers/wiki_controller.rb:180:in `update'
lib/redmine/sudo_mode.rb:65:in `sudo_mode'
Started PUT "/projects/site-web/wiki/Breakpoints" for 92.167.55.166 at 2021-02-26 17:46:08 +0000
Processing by WikiController#update as HTML
  Parameters: {"utf8"=>"<E2><9C><93>", "authenticity_token"=>"XXX", "content"={"version"=>"1", "text"=>"h1. Breakpoints\r\n\r\nNous utilisons bootstrap 5 avec ses breakpoints officiels\r\n\r\nhttps://getbootstrap.com/docs/5.0/layout/breakpoints/\r\n\r\n|.Breakpoint|.Class infix|.Dimensions|.Appareil|\r\n|X-Small|None|<576px|Mobile|\r\n|Small|sm|<E2><89><A5>576px|Mobile|\r\n|Medium|md|<E2><89><A5>768px|Mobile|\r\n|Large|lg|<E2><89><A5>992px|Ordinateur|\r\n|Extra large|xl|<E2><89><A5>1200px|Ordinateur|\r\n|Extra extra large|xxl|<E2><89><A5>1400px|Ordinateur|\r\n", "comments"=>"", "wiki_page"={"parent_id"=>"25"}, "commit"=>"Sauvegarder", "project_id"=>"site-web", "id"=>"Breakpoints"}
  Current user: Me (id=1)
Completed 500 Internal Server Error in 257ms (ActiveRecord: 249.6ms)

ActiveRecord::StatementInvalid (Mysql2::Error: Incorrect string value: '\xE2\x89\xA5576...' for column `redmine`.`wiki_contents`.`text` at row 1: INSERT INTO `wiki_contents` (`page_id`, `author_id`, `text`, `updated_on`, `version`) VALUES (27, 1, 'h1. Breakpoints\r\n\r\nNous utilisons bootstrap 5 avec ses breakpoints officiels\r\n\r\nhttps://getbootstrap.com/docs/5.0/layout/breakpoints/\r\n\r\n|.Breakpoint|.Class infix|.Dimensions|.Appareil|\r\n|X-Small|None|<576px|Mobile|\r\n|Small|sm|<E2><89><A5>576px|Mobile|\r\n|Medium|md|<E2><89><A5>768px|Mobile|\r\n|Large|lg|<E2><89><A5>992px|Ordinateur|\r\n|Extra large|xl|<E2><89><A5>1200px|Ordinateur|\r\n|Extra extra large|xxl|<E2><89><A5>1400px|Ordinateur|\r\n', '2021-02-26 17:46:08', 1)):
```

Here is my redmine's environment

```
Environment:
  Redmine version      4.1.1.stable
  Ruby version         2.6.3-p62 (2019-04-16) [x86_64-linux]
  Rails version        5.2.4.2
  Environment          production
  Database adapter     Mysql2
  Mailer queue         ActiveJob::QueueAdapters::AsyncAdapter
  Mailer delivery      smtp

SCM:
  Git                  2.25.1
  Filesystem

Redmine plugins:
  no plugin installed
```

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## History

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### #1 - 2021-02-26 18:57 - Florent H.

To make it work quickly, I just replaced the character by >=, this is not a problem for my usage.

### #2 - 2021-02-28 17:46 - Marius BĂLTEANU

- Status changed from New to Needs feedback

What kind of database encoding are you using?

You can use the following queries to retrieve this:

1. MySQL config:

```
SHOW VARIABLES WHERE Variable_name LIKE 'character\_set\_%' OR Variable_name LIKE 'collation%';
```

2. Redmine database:

```
SELECT default_character_set_name FROM information\_schema.SCHEMATA WHERE schema\_name = "<redmine\_database\_name>";
```

### #3 - 2021-04-20 00:43 - Marius BĂLTEANU

- Status changed from Needs feedback to Closed

- Resolution set to Invalid

Please reopen with the required information.

### #4 - 2021-04-20 08:08 - Florent H.

- Status changed from Closed to Reopened

Sorry, I missed the notification email.

```
MariaDB [(none)]> SHOW VARIABLES WHERE Variable_name LIKE 'character\_set\_%' OR Variable_name LIKE 'collation%';
```

Variable_name	Value
character_set_client	utf8mb4
character_set_connection	utf8mb4
character_set_database	utf8mb4
character_set_filesystem	binary
character_set_results	utf8mb4
character_set_server	utf8mb4
character_set_system	utf8
collation_connection	utf8mb4_general_ci
collation_database	utf8mb4_general_ci
collation_server	utf8mb4_general_ci

10 rows in set (0.128 sec)

```
MariaDB [(none)]> SELECT default_character_set_name FROM information\_schema.SCHEMATA WHERE schema\_name = "redmine";
```

default_character_set_name
utf8mb4

1 row in set (0.000 sec)