

## Redmine - Feature #32140

### Document MySQL database migration to utf8mb8

2019-09-25 16:47 - Sylvain Faivre

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Documentation	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Resolution:</b>	Duplicate		

**Description**

Feature [#31921](#) included in 4.1.0 sets utf8mb4 as default encoding for new MySQL databases setups.

In the description, Marius BALTEANU added :

I'll try to create later a Wiki page regarding the steps required to migrate and existing installation or at least some useful links.

There is no documentation explaining how to migrate yet.

[#21398](#) includes a migration script, but people in that thread reported failures with the script.

#### History

##### #1 - 2020-06-04 05:31 - Go MAEDA

- Category changed from Database to Documentation

##### #2 - 2021-03-19 13:01 - C S

According to my knowledge, I have created the following HowTo: [HowTo\\_convert\\_a\\_database\\_from\\_utf8\\_to\\_utf8mb4](#)

##### #3 - 2021-03-19 15:19 - Sylvain Faivre

Sorry I didn't get back to this issue before.

Migrating a MySQL/MariaDB database to utf8mb4 might require a lot of steps, depending on the MySQL or MariaDB release you have. I actually migrated our Redmine database using the Nextcloud documentation, which thoroughly describes each case.

This documentation can be found at [https://docs.nextcloud.com/server/20/admin\\_manual/configuration\\_database/mysql\\_4byte\\_support.html](https://docs.nextcloud.com/server/20/admin_manual/configuration_database/mysql_4byte_support.html)

I also had to edit the config/database.yml file in Redmine folder, to alter this entry :

```
encoding: utf8mb4
```

##### #4 - 2021-11-11 15:20 - C S

I've made a few changes to the description

##### #5 - 2023-11-21 00:18 - Marius BĂLTEANU

- Status changed from New to Closed

- Resolution set to Duplicate

This issue, [#31921](#) 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.