

Redmine - Defect #15564

MySQL Errors updating from 2.3.2 to 2.4.1

2013-11-28 11:02 - Torben Hansen

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Affected version:	2.4.1
Resolution:	Cant reproduce		
Description			
Today I've updated from Redmine 2.3.2 to 2.4.1			
During the DB Migration the following errors occurred (shortened summary).			
<code>Mysql2::Error: Table 'queries_roles' already exists: CREATE TABLE `queries_roles`</code>			
<code>Mysql2::Error: Table 'custom_fields_roles' already exists: CREATE TABLE `custom_fields_roles`</code>			
I had a look at the two database tables and found out they were empty so I just deleted them. After that, the DB Migration ran smoothly.			
Related issues:			
Related to Redmine - Defect #19905: Problem in migrate from 2.3 to 3.0.3 Closed			

History

#1 - 2013-11-29 00:33 - Jean-Philippe Lang

- Status changed from New to Closed
- Resolution set to Cant reproduce

There's no way I can reproduce this, tables are not created twice for sure. I guess these tables were created during a first "attempt" to upgrade, please reopen if you can provide a way to reproduce.

#2 - 2013-11-30 11:56 - Eugene B

I was able to reproduce it few times while migrating from 2.3.0 to 2.4.1

I am using Bitnami Redmine installers for both versions mentioned above. I had 2 problems:

1st was gem rake version: after running command to generate secret token, system returned the following error:
"rake error "You have already activated rake 0.9.2.2, but your Gemfile requires rake 10.1.0."
after checking what rake version is installed by running command: gem list rake system returns 0.9.2.2 version is installed. After running command "gem install rake" a new 10.1.0 version is installed and secret token generation is running without problems.

2nd problem is same as Torben Hansen wrote above. To reproduce I need to do the following:

1. Clean install for Latest 2.4.1 Bitnami Redmine (no other redmine databases or else components are present at the system)
2. Checking that clean redmine installation is working (I am able to login and browse all pages, but base is clean)
3. Importing old MySQL base backup from 2.3.0 to 2.4.1 - no problems.
4. Running command rake db:migrate RAILS_ENV=production - system returns error: Mysql2::Error: Table 'queries_roles' already exists: CREATE TABLE `queries_roles`
at first run. After logging in to PhpMyadmin and deleting 'queries_roles' table on second run of command "rake db:migrate RAILS_ENV=production system returns error: Mysql2::Error: Table 'custom_fields_roles' already exists: CREATE TABLE `custom_fields_roles` after removing this table too command runs fine.

I need to check if everything is good, but so far, all pages are available and seems to be ok.

#3 - 2013-11-30 12:47 - Toshi MARUYAMA

Eugene B wrote:

1. Clean install for Latest 2.4.1 Bitnami Redmine (no other redmine databases or else components are present at the system)
3. Importing old MySQL base backup from 2.3.0 to 2.4.1 - no problems.

You need to import **2.3.0 database to Redmine 2.3.0.**

#4 - 2013-12-02 09:13 - Torben Hansen

Well, today my Redmine installation threw some 500 errors. A look into the log showed, that the two tables I deleted were missing. I expected, that they were created by the DB migration script but actually they were not. I had a backup from the old database (before updating from v2.3 to v2.4) and extracted both tables from there and created the table structure in the v2.4 database. Now everything runs smoothly.

#5 - 2013-12-18 13:31 - Thanasis Karapatis

I also had the same problem. I tried to update from 2.3.4 to 2.4.1. I am not using Bitnami, just an ubuntu repository. Eugene B solution worked. But what happens if you have custom roles? Will they disappear?

#6 - 2014-04-25 00:49 - Hossam Hammady

I could reproduce the issue. However, I believe there is no defect in redmine. When you create a redmine installation using any 3rd part tool like BitNami or Ubuntu redmine, it does create the database in the corresponding version. When you attempt to import the older database it will override the tables that are common in both (it drops then creates tables). However, it won't touch the tables that only exist in the newer database. Consequently, when you try to do db:migrate, those untouched tables will raise this error. The solution is to first drop the database then recreate it manually from mysql shell then finally do the migration.

#7 - 2015-02-10 10:06 - florent thiery

Hi

Just saw the same; i was running 2.2, did a backup, transferred it to a new installation of 2.2 (based on git), then did upgrade from branch to branch (2.2 > 2.3 > 2.4); at each step, did

```
bundle update
rake db:migrate RAILS_ENV=production
```

I had to fiddle with rake which was complaining (had to uninstall the latest version

```
gem uninstall rake
```

Then i got the exact same errors:

```
Mysql2::Error: Table 'queries_roles' already exists: CREATE TABLE `queries_roles` (`query_id` int(11) NOT NULL, `role_id` int(11) NOT NULL) ENGINE=InnoDB/var/lib/gems/1.9.1/gems/activerecord-3.2.19/lib/active_record/connection_adapters/abstract_mysql_adapter.rb:245:in `query'
```

I dropped the table; then again:

```
Mysql2::Error: Table 'custom_fields_roles' already exists: CREATE TABLE `custom_fields_roles` (`custom_field_id` int(11) NOT NULL, `role_id` int(11) NOT NULL) ENGINE=InnoDB/var/lib/gems/1.9.1/gems/activerecord-3.2.19/lib/active_record/connection_adapters/abstract_mysql_adapter.rb:245:in `query'
```

After dropping the table, the migration seems to pass.

#8 - 2015-05-21 13:29 - Toshi MARUYAMA

- Related to Defect #19905: Problem in migrate from 2.3 to 3.0.3 added