

Redmine - Defect #19721

Upgrade from 2.6.4 to 3.0.2 fails with Mysql2::Error: Table 'email\_addresses' already exists:

2015-04-28 06:07 - Deoren Moor

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Database	Estimated time:	0.00 hour
Target version:		Affected version:	3.0.2
Resolution:	Invalid		

Description

I started with a working Redmine 2.6.4 installation on an Ubuntu 12.04 LTS box with Ruby 1.8.7. These are the steps I took in my attempt to upgrade to Redmine 3.0.2:

- 1. apt-get install ruby1.9.3 -y
- 2. apt-get remove ruby1.8 ruby1.8-dev -y
- 3. cd /opt/redmine
- 4. svn sw http://svn.redmine.org/redmine/tags/3.0.2
- 5. sed -i 's/adaptor: mysql/adaptor: mysql2/g' /opt/redmine/config/database.yml
- 6. gem install bundle
- 7. bundle update
- 8. rm -f config/initializers/secret\_token.rb
- 9. bundle exec rake generate\_secret\_token
- 10. bundle exec rake db:migrate RAILS\_ENV=production --trace
- 11. bundle exec rake tmp:cache:clear
- 12. bundle exec rake tmp:sessions:clear
- 13. chown -R www-data /opt/redmine
- 14. chmod +x /opt/redmine/extra/mail\_handler/rdm-mailhandler.rb

I didn't make it past step 10:

bundle exec rake db:migrate RAILS\_ENV=production --trace

```
** Invoke db:migrate (first_time)
** Invoke environment (first_time)
** Execute environment
** Invoke db:load_config (first_time)
** Execute db:load_config
** Execute db:migrate
== 20141029181752 AddTrackersDefaultStatusId: migrating =====
-- add_column(:trackers, :default_status_id, :integer)
-> 0.0211s
== 20141029181752 AddTrackersDefaultStatusId: migrated (0.0843s) =====

== 20141029181824 RemoveIssueStatusesIsDefault: migrating =====
-- remove_column(:issue_statuses, :is_default)
-> 0.0170s
== 20141029181824 RemoveIssueStatusesIsDefault: migrated (0.0172s) =====

== 20141109112308 AddRolesUsersVisibility: migrating =====
-- add_column(:roles, :users_visibility, :string, {:limit=>30, :default=>"all", :null=>false})
-> 0.0176s
== 20141109112308 AddRolesUsersVisibility: migrated (0.0179s) =====

== 20141122124142 AddWikiRedirectsRedirectsToWikiId: migrating =====
-- add_column(:wiki_redirects, :redirects_to_wiki_id, :integer)
-> 0.0183s
-- change_column(:wiki_redirects, :redirects_to_wiki_id, :integer, {:null=>false})
-> 0.0195s
== 20141122124142 AddWikiRedirectsRedirectsToWikiId: migrated (0.0467s) =====
```

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== 20150113194759 CreateEmailAddresses: migrating =====
-- create_table(:email_addresses)
rake aborted!
StandardError: An error has occurred, all later migrations canceled:

Mysql2::Error: Table 'email_addresses' already exists: CREATE TABLE `email_addresses` (`id` int(11)
) auto_increment PRIMARY KEY, `user_id` int(11) NOT NULL, `address` varchar(255) NOT NULL, `is_def
ault` tinyint(1) DEFAULT 0 NOT NULL, `notify` tinyint(1) DEFAULT 1 NOT NULL, `created_on` datetime
NOT NULL, `updated_on` datetime NOT NULL) ENGINE=InnoDB/var/lib/gems/1.9.1/gems/activerecord-4.2.
1/lib/active_record/connection_adapters/abstract_mysql_adapter.rb:299:in `query'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/connection_adapters/abstract_mysql_a
dapter.rb:299:in `block in execute'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/connection_adapters/abstract_adapter
.rb:473:in `block in log'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_support/notifications/instrumenter.rb:20:in
`instrument'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/connection_adapters/abstract_adapter
.rb:467:in `log'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/connection_adapters/abstract_mysql_a
dapter.rb:299:in `execute'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/connection_adapters/mysql2_adapter.r
b:231:in `execute'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/connection_adapters/abstract/schema_
statements.rb:208:in `create_table'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/connection_adapters/abstract_mysql_a
dapter.rb:462:in `create_table'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:662:in `block in method
_missing'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:632:in `block in say_wi
th_time'
/usr/lib/ruby/1.9.1/benchmark.rb:280:in `measure'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:632:in `say_with_time'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:652:in `method_missing'
/opt/redmine/db/migrate/20150113194759_create_email_addresses.rb:3:in `change'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:606:in `exec_migration'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:590:in `block (2 levels
) in migrate'
/usr/lib/ruby/1.9.1/benchmark.rb:280:in `measure'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:589:in `block in migrat
e'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/connection_adapters/abstract/connect
ion_pool.rb:292:in `with_connection'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:588:in `migrate'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:765:in `migrate'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:995:in `block in execut
e_migration_in_transaction'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:1043:in `ddl_transactio
n'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:994:in `execute_migrati
on_in_transaction'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:956:in `block in migrat
e'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:952:in `each'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:952:in `migrate'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:820:in `up'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/migration.rb:798:in `migrate'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/tasks/database_tasks.rb:137:in `migr
ate'
/var/lib/gems/1.9.1/gems/activerecord-4.2.1/lib/active_record/railties/databases.rake:44:in `block
(2 levels) in <top (required)>'
/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/task.rb:240:in `call'
/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/task.rb:240:in `block in execute'
/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/task.rb:235:in `each'
/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/task.rb:235:in `execute'
/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/task.rb:179:in `block in invoke_with_call_chain'
/usr/lib/ruby/1.9.1/monitor.rb:211:in `mon_synchronize'
/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/task.rb:172:in `invoke_with_call_chain'

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/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/task.rb:165:in `invoke'  
/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/application.rb:150:in `invoke_task'  
/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/application.rb:106:in `block (2 levels) in top_level'  
,  
/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/application.rb:106:in `each'  
/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/application.rb:106:in `block in top_level'  
/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/application.rb:115:in `run_with_threads'  
/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/application.rb:100:in `top_level'  
/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/application.rb:78:in `block in run'  
/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/application.rb:176:in `standard_exception_handling'  
/var/lib/gems/1.9.1/gems/rake-10.4.2/lib/rake/application.rb:75:in `run'  
/var/lib/gems/1.9.1/gems/rake-10.4.2/bin/rake:33:in `>'  
/usr/local/bin/rake:19:in `load'  
/usr/local/bin/rake:19:in `Tasks: TOP => db:migrate
```

## bundle list

Gems included by the bundle:

- \* actionmailer (4.2.1)
- \* actionpack (4.2.1)
- \* actionpack-action\_caching (1.1.1)
- \* actionpack-xml\_parser (1.0.2)
- \* actionview (4.2.1)
- \* activejob (4.2.1)
- \* activemodel (4.2.1)
- \* activerecord (4.2.1)
- \* activesupport (4.2.1)
- \* arel (6.0.0)
- \* builder (3.2.2)
- \* bundler (1.9.4)
- \* coderay (1.1.0)
- \* daemon\_controller (1.2.0)
- \* erubis (2.7.0)
- \* globalid (0.3.5)
- \* i18n (0.7.0)
- \* jquery-rails (3.1.2)
- \* json (1.8.2)
- \* loofah (2.0.1)
- \* mail (2.6.3)
- \* mime-types (2.5)
- \* mini\_portile (0.6.2)
- \* minitest (5.6.1)
- \* mysql2 (0.3.18)
- \* net-ldap (0.3.1)
- \* nokogiri (1.6.6.2)
- \* passenger (4.0.57)
- \* protected\_attributes (1.0.9)
- \* rack (1.6.0)
- \* rack-openid (1.4.2)
- \* rack-test (0.6.3)
- \* rails (4.2.1)
- \* rails-deprecated\_sanitizer (1.0.3)
- \* rails-dom-testing (1.0.6)
- \* rails-html-sanitizer (1.0.2)
- \* railties (4.2.1)
- \* rake (10.4.2)
- \* rbpdf (1.18.5)
- \* rdoc (4.2.0)
- \* redcarpet (3.1.2)
- \* request\_store (1.0.5)
- \* rmagick (2.13.4)
- \* ruby-openid (2.3.0)
- \* sprockets (3.0.3)
- \* sprockets-rails (2.2.4)
- \* thor (0.19.1)
- \* thread\_safe (0.3.5)

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* tzinfo (1.2.2)
* yard (0.8.7.6)
```

## History

### #1 - 2015-04-28 06:41 - Toshi MARUYAMA

- Status changed from New to Needs feedback

I think your plugin created "email\_addresses" table.

### #2 - 2015-04-28 15:29 - Deoren Moor

Toshi MARUYAMA wrote:

I think your plugin created "email\_addresses" table.

Thank you for your feedback. We are running a vanilla installation with no plugins installed.

From the info page:

Redmine 2.6.4.stable.14227

Default administrator account changed	True
Attachments directory writable	True
Plugin assets directory writable (./public/plugin_assets)	True
RMagick available (optional)	True
ImageMagick convert available (optional)	True

Environment:

Redmine version	2.6.4.stable.14227
Ruby version	1.8.7-p352 (2011-06-30) [i686-linux]
Rails version	3.2.21
Environment	production
Database adapter	MySQL

SCM:

Subversion	1.6.17
Git	1.7.9.5
Filesystem	

Redmine plugins:

no plugin installed

Please let me know if I can provide further information.

### #3 - 2015-04-28 15:38 - Toshi MARUYAMA

Thank you for your feedback.

If you have no idea who created "email\_addresses" table, you can drop or rename this table.

Ensure you have backup and table has no data.

### #4 - 2015-04-28 15:42 - Toshi MARUYAMA

There is same post: [Redmine 3.0.1 from 2.6.0.](#)

### #5 - 2015-04-28 15:53 - Deoren Moor

Toshi MARUYAMA wrote:

Thank you for your feedback.

If you have no idea who created "email\_addresses" table,

You can drop or rename this table.

Ensure you have backup and table has no data.

I checked and the table has 205 entries.

mysql> describe email\_addresses;

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increment

user_id	int(11)	NO	MUL	NULL	
address	varchar(255)	NO		NULL	
is_default	tinyint(1)	NO		0	
notify	tinyint(1)	NO		1	
created_on	datetime	NO		NULL	
updated_on	datetime	NO		NULL	

7 rows in set (0.00 sec)

It appears to contain valid email addresses for our users and is mapped to their user\_id values.

I checked three other installations and didn't find the table listed. Could it have been created as part of a failed 2.6.3 to 3.0.1 migration? I thought I was careful to roll back all changes from that previous attempt, but maybe I missed something. I'll check the previous backups to see if I can pinpoint when the table was first created.

#### #6 - 2015-04-28 16:02 - Toshi MARUYAMA

It seems your entries were created by Redmine.

[source:tags/3.0.2/db/migrate/20150113211532\\_populate\\_email\\_addresses.rb](https://source.rubyforge.org/rubygems/3.0.2/db/migrate/20150113211532_populate_email_addresses.rb)

I think there is inconsistency in "schema\_migrations".

<http://www.redmine.org/boards/2/topics/46173?r=46179#message-46179>

#### #7 - 2015-04-28 20:17 - Deoren Moor

Thanks for the follow-up. I went back and compared a database backup taken the day before a previous failed 3.0.1 backup and the day after and found that is when the table first appeared. I was operating under a bad assumption that the drop database statement was present in the backup sql file. Thus I expected that when I imported the pre-upgrade backup file that it reverted the database to the former state.

Instead, the database was left with the old data and whatever new tables that were created prior to the failure. I'm going to restore a previous backup, list the tables and then restore to a recent backup and list the tables again. I'll diff them to see if there are any other tables still hanging around from the failed 3.0.1 upgrade.

#### #8 - 2015-04-28 20:37 - Deoren Moor

Deoren Moor wrote:

I'll diff them to see if there are any other tables still hanging around from the failed 3.0.1 upgrade.

I just found the one table when I compared them.

#### #9 - 2015-04-29 03:37 - Deoren Moor

I cloned the production box I tried to upgrade earlier and manually removed the email\_addresses table. I then went back through the process from the beginning and am now running the 3.0.2 version of Redmine on the clone. I'm going to keep a copy of the clone around for a bit, so if you or any of the other devs would like me to run any tests against it let me know and I'll be happy to do so.

#### #10 - 2015-05-13 16:23 - Antoine Kolpacheque

- Restore from dumpfile
- drop table email\_addresses;
- bundle exec rake db:migrate RAILS\_ENV=production

#### #11 - 2019-01-10 03:55 - Marius BĂLTEANU

- Status changed from Needs feedback to Closed
- Resolution set to Invalid

I'm closing this because is obsolete and there is nothing to do.