Redmine - Defect #19174

db migrate error from old version to 2.6

2015-02-24 23:12 - Jasen Burkett

Status:	Needs feedback	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:	Jean-Philippe Lang	**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:	Candidate for next minor release		
Resolution:		**Affected version:**	

Description

I did the typical mysqldump to get all the data from an existing (VERY OLD) redmine install that is being used.

I sucessfully imported the old data into a new redmine (newest version) clean install on a different server.

However now when I go to the page redmine.ardemgaz.com it no longer works (redmine is broke).

In the production.log file I am getting this error everytime I go to the page.
Started GET "/" for 10.2.2.67 at 2015-02-24 21:55:23 +0000
Processing by WelcomeController#index as HTML
Current user: anonymous
Completed 500 Internal Server Error in 2.7ms

NoMethodError (undefined method `passwd_changed_on' for #<AnonymousUser:0x00000005ed6520>):
app/controllers/application_controller.rb:150:in `force_logout_if_password_changed'

When I imported the new data, I have not been able to do the following:
rake db:migrate RAILS_ENV=production

because I get an error... here is the first part of that error....

```
rake aborted!
StandardError: An error has occurred, all later migrations canceled:
```

undefined method `inherit_members_changed?' for
#<Project:0x000000032977c0>/var/lib/gems/1.9.1/gems/activemodel-3.2.21/lib/active_model/attribute_methods.rb:407:in `method_missing'
/var/lib/gems/1.9.1/gems/activerecord-3.2.21/lib/active_record/attribute_methods.rb:149:in `method_missing'

I seriously need some help here.

Thank you in advance

Related issues:

Related to Redmine - Defect #36766: Database migration from Redmine 0.8.7 or ...	**Closed**

History

#1 - 2015-02-25 05:36 - Toshi MARUYAMA

- Status changed from New to Needs feedback

Jasen Burkett wrote:

> I sucessfully imported the old data into a new redmine (newest version) clean install on a different server.

What versions are old and new?

#2 - 2015-02-25 11:39 - Go MAEDA

Please try updating to Redmine 2.3 at first, then update to Redmine 3.0. Maybe you can finish bundle exec rake db:migrate without the error.

The column "inherit_members" on "projects" table were added at Redmine 2.3.

#3 - 2015-02-25 12:16 - Go MAEDA

Go MAEDA wrote:

> Please try updating to Redmine 2.3 at first, then update to Redmine 3.0. Maybe you can finish bundle exec rake db:migrate without the error.
>
> The column "inherit_members" on "projects" table were added at Redmine 2.3.

Sorry, I could not avoid the error with the above steps.
Please try patching app/model/project.rb like the following while upgrading procedure. (AT YOUR OWN RISK)
I could upgrade to 2.6 from 0.8.x with the patch.

```
Index: app/models/project.rb
===========================================================
--- app/models/project.rb    (revision 14043)
+++ app/models/project.rb    (working copy)
@@ -82,7 +82,7 @@
   validates_exclusion_of :identifier, :in => %w( new )

   after_save :update_position_under_parent, :if => Proc.new {|project| project.name_changed?}
-  after_save :update_inherited_members, :if => Proc.new {|project| project.inherit_members_changed?}
+  after_save :update_inherited_members, :if => Proc.new {|project| begin project.inherit_members_changed? res
cue false end}
   before_destroy :delete_all_members

   scope :has_module, lambda {|mod|
```

#4 - 2015-02-25 12:25 - Toshi MARUYAMA

Jasen Burkett wrote:

> undefined method `inherit_members_changed?' for
> #<Project:0x000000032977c0>/var/lib/gems/1.9.1/gems/activemodel-3.2.21/lib/active_model/attribute_methods.rb:407:in `method_missing'

I think you run rake on Redmine 4.0 without "bundle update", because log says using Rails 3.2.21.

#5 - 2015-02-25 15:29 - Jasen Burkett

The initial redmine install that is being used (until I can get this new one working) is like version 1.4 or earlier.

The new install is version 2.6.2? I believe.

So is all I need to do is simply create a row in the projects table called inherit_members?

Please advise..

Also, after adding that if that is what I need to do, I should then be able to do the rake command, and then my redmine install should start working again right?

#6 - 2015-02-25 15:30 - Jasen Burkett

Toshi MARUYAMA wrote:

> Jasen Burkett wrote:
>
> > I sucessfully imported the old data into a new redmine (newest version) clean install on a different server.
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Please advise..

Also, after adding that if that is what I need to do, I should then be able to do the rake command, and then my redmine install should start working again right?

#7 - 2015-02-26 00:28 - Go MAEDA

Jasen Burkett, please try the following steps.

1. Go to the directory of Redmine 2.6.2.
2. Open app/models/project.rb with any editor.
3. Find a like like the following (maybe line 83) :

```
after_save :update_inherited_members, :if => Proc.new {|project| project.inherit_members_changed?}
```

4. Modify the line to:

```
after_save :update_inherited_members, :if => Proc.new {|project| begin project.inherit_members_changed? rescue false end}
```

5. Execute "bundle exec rake db:migrate".
6. Revert the modifications on app/models/project.rb

#8 - 2015-02-26 04:13 - Jasen Burkett

I wish I would have seen this sooner.

I already fixed that issue I was having. I actually went into the db and edited it so that it would have the rows it needed, then when I went to do the migrate, I then deleted the rows I added, this worked for me.

AS I figured this would happen. i now can not send / recieve emails into the new redmine install, before I updated or changed the database, I was able to do both. Im very frustrated at this because like I said I had it working.

Any ideas on why this would have changed?

Thank you in advance

#9 - 2015-03-04 05:14 - Toshi MARUYAMA

- Target version set to 2.6.3

#10 - 2015-03-08 10:39 - Jean-Philippe Lang

- Assignee set to Jean-Philippe Lang

- Priority changed from High to Normal

- Target version changed from 2.6.3 to Candidate for next minor release

That would be nice to know which migration raised this error, maybe 20090312194159_add_projects_trackers_unique_index.rb? I'd would rather fix the migration rather than cluttering models to handle migrations from very old versions.

#11 - 2015-03-08 20:41 - Jasen Burkett

I understand where you are coming from on that, in order for you to best help the community I need to give more info... Is there a way to go back and see what the issue was? The production log has been cleared so I wont be able to go that route.

I fixed the issue with the email, and the fina issue I am having is for some odd reason, I can run the rake command to pull in emails to create tickets (issues) but when I run the same command via cronjob it gives me an error (rake : not found) Which is really odd because I am using the same directory that I cd into to run it outside of or directly in terminal.. confused... I am sure I'll figure it out.

thank you for all who have helped.

#12 - 2015-03-09 01:33 - Go MAEDA

Jean-Philippe Lang wrote:

> That would be nice to know which migration raised this error, maybe 20090312194159_add_projects_trackers_unique_index.rb? I'd would rather fix the migration rather than cluttering models to handle migrations from very old versions.

I had same trouble when migrate Redmine 0.8.7 to 2.6.
The migration that raises the error is 105_build_projects_tree.rb and the log of rake db:migrate is following.

ShowHide

```
$ RAILS_ENV=production bundle exec rake db:migrate
==  AddCustomFieldsEditable: migrating =======================================
-- add_column(:custom_fields, :editable, :boolean, {:default=>true})
   -> 0.0869s
==  AddCustomFieldsEditable: migrated (0.0876s) ==============================

==  SetCustomFieldsEditable: migrating =======================================
```

```
==  SetCustomFieldsEditable: migrated (0.0222s) ================================


==  AddProjectsLftAndRgt: migrating ============================================
-- add_column(:projects, :lft, :integer)
   -> 0.0657s
-- add_column(:projects, :rgt, :integer)
   -> 0.0654s
==  AddProjectsLftAndRgt: migrated (0.1323s) ===================================


==  BuildProjectsTree: migrating ===============================================
rake aborted!
StandardError: An error has occurred, all later migrations canceled:

undefined method `inherit_members_changed?' for #<Project:0x00000003425268>/var/lib/redmine/vendor/bundle/ruby
/2.0/gems/activemodel-3.2.21/lib/active_model/attribute_methods.rb:407:in `method_missing'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/attribute_methods.rb:149:in
 `method_missing'
/var/lib/redmine/app/models/project.rb:83:in `block in <class:Project>'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:464:in `_run
__224995548318289063__save__241802982594570997__callbacks'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:405:in `__ru
n_callback'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:385:in `_run
_save_callbacks'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:81:in `run_c
allbacks'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:264:in `create
_or_update'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/persistence.rb:104:in `save
!'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/validations.rb:56:in `save!
'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/attribute_methods/dirty.rb:
33:in `save!'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:264:in `blo
ck in save!'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:313:in `blo
ck in with_transaction_returning_status'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/connection_adapters/abstrac
t/database_statements.rb:192:in `transaction'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:208:in `tra
nsaction'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:311:in `wit
h_transaction_returning_status'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:264:in `sav
e!'
/var/lib/redmine/lib/plugins/awesome_nested_set/lib/awesome_nested_set/tree.rb:41:in `set_left_and_rights'
/var/lib/redmine/lib/plugins/awesome_nested_set/lib/awesome_nested_set/tree.rb:25:in `block in rebuild!'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/relation/delegation.rb:6:in
 `each'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/relation/delegation.rb:6:in
 `each'
/var/lib/redmine/lib/plugins/awesome_nested_set/lib/awesome_nested_set/tree.rb:22:in `rebuild!'
/var/lib/redmine/lib/plugins/awesome_nested_set/lib/awesome_nested_set/model/rebuildable.rb:15:in `block in re
build!'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/scoping/default.rb:41:in `b
lock in unscoped'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/relation.rb:241:in `block i
n scoping'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/scoping.rb:98:in `with_scop
e'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/relation.rb:241:in `scoping
'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/scoping/default.rb:41:in `u
nscoped'
/var/lib/redmine/lib/plugins/awesome_nested_set/lib/awesome_nested_set/model/rebuildable.rb:14:in `rebuild!'
/var/lib/redmine/app/models/project.rb:428:in `block in rebuild_tree!'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/connection_adapters/abstrac
t/database_statements.rb:192:in `transaction'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:208:in `tra
nsaction'
/var/lib/redmine/app/models/project.rb:426:in `rebuild_tree!'
/var/lib/redmine/db/migrate/105_build_projects_tree.rb:3:in `up'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/migration.rb:370:in `up'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/migration.rb:410:in `block
```

```
(2 levels) in migrate'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/migration.rb:410:in `block
in migrate'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/connection_adapters/abstrac
t/connection_pool.rb:129:in `with_connection'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/migration.rb:389:in `migrat
e'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/migration.rb:528:in `migrat
e'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/migration.rb:720:in `block
(2 levels) in migrate'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/migration.rb:777:in `call'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/migration.rb:777:in `ddl_tr
ansaction'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/migration.rb:719:in `block
in migrate'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/migration.rb:700:in `each'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/migration.rb:700:in `migrat
e'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/migration.rb:570:in `up'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/migration.rb:551:in `migrat
e'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/railties/databases.rake:193
:in `block (2 levels) in <top (required)>'
Tasks: TOP => db:migrate
(See full trace by running task with --trace)
```

The workaround is described in [#19174#note-3](#).

#13 - 2015-03-25 16:28 - Toshi MARUYAMA

- Related to Defect #19173: Trac Migrate Script with Redmine 3.0 added

#14 - 2015-03-25 16:30 - Toshi MARUYAMA

- Related to deleted (Defect #19173: Trac Migrate Script with Redmine 3.0)

#15 - 2015-03-26 11:41 - Toshi MARUYAMA

- Subject changed from 500 Internal error: NoMethodError to db migrate error from old version to 2.6

#16 - 2022-03-16 09:43 - Go MAEDA

- Related to Defect #36766: Database migration from Redmine 0.8.7 or earlier fails added