

## Redmine - Defect #19174

### db migrate error from old version to 2.6

2015-02-24 23:12 - Jasen Burkett

<b>Status:</b>	Needs feedback	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Candidate for next minor release	<b>Affected version:</b>	
<b>Resolution:</b>			
<b>Description</b>			
<p>I did the typical mysqldump to get all the data from an existing (VERY OLD) redmine install that is being used.</p> <p>I sucessfully imported the old data into a new redmine (newest version) clean install on a different server.</p> <p>However now when I go to the page redmine.ardemgaz.com it no longer works (redmine is broke).</p> <p>In the production.log file I am getting this error everytime I go to the page.</p> <pre>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 #&lt;AnonymousUser:0x00000005ed6520&gt;): app/controllers/application_controller.rb:150:in `force_logout_if_password_changed'</pre> <p>When I imported the new data, I have not been able to do the following:</p> <pre>rake db:migrate RAILS_ENV=production</pre> <p>because I get an error... here is the first part of that error....</p> <pre>rake aborted! StandardError: An error has occurred, all later migrations canceled:  undefined method `inherit_members_changed?' for #&lt;Project:0x000000032977c0&gt;/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'</pre> <p>I seriously need some help here.</p> <p>Thank you in advance</p>			

### 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? rescue 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.*

*What versions are old and new?*

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.

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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 line 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.

{{collapse

```

$ 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 `__run_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_callbacks'
/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 `block in save!'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:313:in `block in
with_transaction_returning_status'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/connection_adapters/abstract/database_statements.rb:192:in `transaction'
:in `transaction'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:208:in `transaction'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:311:in `with_transaction_returning_status'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:264:in `save!'
/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 rebuild!'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/scoping/default.rb:41:in `block in unscoped'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/relation.rb:241:in `block in scoping'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/scoping.rb:98:in `with_scope'
/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 `unscoped'

```

```
/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/abstract/database_statements.rb:192:in `transaction'
:in `transaction'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/transactions.rb:208:in `transaction'
/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/abstract/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 `migrate'
/var/lib/redmine/vendor/bundle/ruby/2.0/gems/activerecord-3.2.21/lib/active_record/migration.rb:528:in `migrate'
/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_transaction'
/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 `migrate'
/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 `migrate'
/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