

## Redmine - Defect #32141

### Migration from 3.4.10 to 4.0.4 fail on database upgrade

2019-09-25 17:00 - Xavier ANDRE

<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>	Issues	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	4.0.4
<b>Resolution:</b>	Invalid		
<b>Description</b>			
Hello,			
I'm trying to upgrade from 3.4.10 to 4.0.4 by following your procedure : [[ <a href="https://www.redmine.org/projects/redmine/wiki/RedmineUpgrade">https://www.redmine.org/projects/redmine/wiki/RedmineUpgrade</a> ]]			
But at step 4, I got this error my mysql database :			
<pre>bundle exec rake db:migrate RAILS_ENV=production</pre>			
<pre>rake aborted! StandardError: Directly inheriting from ActiveRecord::Migration is not supported. Please specify the Rails release the migration was written for:</pre>			
<pre>class ActsAsTaggableOnMigration &lt; ActiveRecord::Migration[4.2] /home/redmine/.rvm/gems/ruby-2.5.1/gems/activerecord-5.2.3/lib/active_record/migration.rb:528:in `inherited' /home/redmine/.rvm/gems/ruby-2.5.1/gems/acts-as-taggable-on-4.0.0/db/migrate/1_acts_as_taggable_on_migration.rb:1:in `&lt;top (required)&gt;' /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:291:in `require' /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:291:in `block in require' /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:257:in `load_dependency' /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:291:in `require' /home/redmine/.rvm/gems/ruby-2.5.1/bundler/gems/redmine_acts_as_taggable_on-0ebef70ef692/lib/redmine_acts_as_taggable_on/migration.rb:6:in `&lt;top (required)&gt;' /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:291:in `require' /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:291:in `block in require' /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:257:in `load_dependency' /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:291:in `require' /home/redmine/.rvm/gems/ruby-2.5.1/bundler/gems/redmine_acts_as_taggable_on-0ebef70ef692/lib/redmine_acts_as_taggable_on/initialize.rb:3:in `&lt;top (required)&gt;' /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:291:in `require' /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:291:in `block in require' /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:257:in `load_dependency' /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:291:in `require' /home/redmine/redmine-4.0.4/plugins/redmine_knowledgebase/init.rb:2:in `&lt;top (required)&gt;' /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:291:in `require' /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:291:in `block in require'</pre>			

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/home/redmine/.rvm/gems/ruby-2.5.1/gems/activestorage-5.2.3/lib/active_storage/dependencies.rb:257
:in `load_dependency'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/activestorage-5.2.3/lib/active_storage/dependencies.rb:291
:in `require'
/home/redmine/redmine-4.0.4/lib/redmine/plugin.rb:175:in `block in load'
/home/redmine/redmine-4.0.4/lib/redmine/plugin.rb:166:in `each'
/home/redmine/redmine-4.0.4/lib/redmine/plugin.rb:166:in `load'
/home/redmine/redmine-4.0.4/config/initializers/30-redmine.rb:21:in `<top (required)>'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/activestorage-5.2.3/lib/active_storage/dependencies.rb:285
:in `load'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/activestorage-5.2.3/lib/active_storage/dependencies.rb:285
:in `block in load'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/activestorage-5.2.3/lib/active_storage/dependencies.rb:257
:in `load_dependency'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/activestorage-5.2.3/lib/active_storage/dependencies.rb:285
:in `load'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/engine.rb:657:in `block in load_c
onfig_initializer'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/activestorage-5.2.3/lib/active_storage/notifications.rb:17
0:in `instrument'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/engine.rb:656:in `load_config_ini
tializer'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/engine.rb:614:in `block (2 levels
) in <class:Engine>'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/engine.rb:613:in `each'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/engine.rb:613:in `block in <class
:Engine>'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/initializable.rb:32:in `instance_
exec'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/initializable.rb:32:in `run'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/initializable.rb:61:in `block in
run_initializers'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/initializable.rb:50:in `each'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/initializable.rb:50:in `tsort_eac
h_child'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/initializable.rb:60:in `run_initi
alizers'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/application.rb:361:in `initialize
!'
/home/redmine/redmine-4.0.4/config/environment.rb:14:in `<top (required)>'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/application.rb:337:in `require'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/application.rb:337:in `require_en
vironment!'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/application.rb:520:in `block in r
un_tasks_blocks'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/rake-12.3.3/exe/rake:27:in `<top (required)>'
/home/redmine/.rvm/gems/ruby-2.5.1/bin/ruby_executable_hooks:24:in `eval'
/home/redmine/.rvm/gems/ruby-2.5.1/bin/ruby_executable_hooks:24:in `<main>'
Tasks: TOP => db:migrate => db:load_config => environment
(See full trace by running task with --trace)

[redmine@stouredmine01 redmine-4.0.4]$ ruby bin/about
Traceback (most recent call last):
  58: from bin/about:4:in `<main>'
  57: from /home/redmine/.rvm/rubies/ruby-2.5.1/lib/ruby/site_ruby/2.5.0/rubygems/core_ext/k
ernel_require.rb:59:in `require'
  56: from /home/redmine/.rvm/rubies/ruby-2.5.1/lib/ruby/site_ruby/2.5.0/rubygems/core_ext/k
ernel_require.rb:59:in `require'
  55: from /home/redmine/redmine-4.0.4/config/environment.rb:14:in `<top (required)>'
  54: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/application.rb:3
61:in `initialize!'
  53: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/initializable.rb
:60:in `run_initializers'
  52: from /home/redmine/.rvm/rubies/ruby-2.5.1/lib/ruby/2.5.0/tsort.rb:205:in `tsort_each'
  51: from /home/redmine/.rvm/rubies/ruby-2.5.1/lib/ruby/2.5.0/tsort.rb:226:in `tsort_each'
  50: from /home/redmine/.rvm/rubies/ruby-2.5.1/lib/ruby/2.5.0/tsort.rb:347:in `each_strongl
y_connected_component'

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49: from /home/redmine/.rvm/rubies/ruby-2.5.1/lib/ruby/2.5.0/tsort.rb:347:in `call'
48: from /home/redmine/.rvm/rubies/ruby-2.5.1/lib/ruby/2.5.0/tsort.rb:347:in `each'
47: from /home/redmine/.rvm/rubies/ruby-2.5.1/lib/ruby/2.5.0/tsort.rb:349:in `block in each_strongly_connected_component'
46: from /home/redmine/.rvm/rubies/ruby-2.5.1/lib/ruby/2.5.0/tsort.rb:415:in `each_strongly_connected_component_from'
45: from /home/redmine/.rvm/rubies/ruby-2.5.1/lib/ruby/2.5.0/tsort.rb:415:in `call'
44: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/initializable.rb:50:in `tsort_each_child'
43: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/initializable.rb:50:in `each'
42: from /home/redmine/.rvm/rubies/ruby-2.5.1/lib/ruby/2.5.0/tsort.rb:421:in `block in each_strongly_connected_component_from'
41: from /home/redmine/.rvm/rubies/ruby-2.5.1/lib/ruby/2.5.0/tsort.rb:431:in `each_strongly_connected_component_from'
40: from /home/redmine/.rvm/rubies/ruby-2.5.1/lib/ruby/2.5.0/tsort.rb:422:in `block (2 levels) in each_strongly_connected_component_from'
39: from /home/redmine/.rvm/rubies/ruby-2.5.1/lib/ruby/2.5.0/tsort.rb:350:in `block (2 levels) in each_strongly_connected_component'
38: from /home/redmine/.rvm/rubies/ruby-2.5.1/lib/ruby/2.5.0/tsort.rb:228:in `block in tsort_each'
37: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/initializable.rb:61:in `block in run_initializers'
36: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/initializable.rb:32:in `run'
35: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/initializable.rb:32:in `instance_exec'
34: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/engine.rb:613:in `block in <class:Engine>'
33: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/engine.rb:613:in `each'
32: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/engine.rb:614:in `block (2 levels) in <class:Engine>'
31: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/engine.rb:656:in `load_config_initializer'
30: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/notifications.rb:170:in `instrument'
29: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/railties-5.2.3/lib/rails/engine.rb:657:in `block in load_config_initializer'
28: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:285:in `load'
27: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:257:in `load_dependency'
26: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:285:in `block in load'
25: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:285:in `load'
24: from /home/redmine/redmine-4.0.4/config/initializers/30-redmine.rb:21:in `<top (required)>'
23: from /home/redmine/redmine-4.0.4/lib/redmine/plugin.rb:166:in `load'
22: from /home/redmine/redmine-4.0.4/lib/redmine/plugin.rb:166:in `each'
21: from /home/redmine/redmine-4.0.4/lib/redmine/plugin.rb:175:in `block in load'
20: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:291:in `require'
19: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:257:in `load_dependency'
18: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:291:in `block in require'
17: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:291:in `require'
16: from /home/redmine/redmine-4.0.4/plugins/redmine_knowledgebase/init.rb:2:in `<top (required)>'
15: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:291:in `require'
14: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/dependencies.rb:257:in `load_dependency'
13: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activesupport-5.2.3/lib/active_support/de

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dependencies.rb:291:in `block in require'
    12: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activerecord-5.2.3/lib/active_record/dependencies.rb:291:in `require'
    11: from /home/redmine/.rvm/gems/ruby-2.5.1/bundler/gems/redmine_acts_as_taggable_on-0ebef70ef692/lib/redmine_acts_as_taggable_on/initialize.rb:3:in `<top (required)>'
    10: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activerecord-5.2.3/lib/active_record/dependencies.rb:291:in `require'
     9: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activerecord-5.2.3/lib/active_record/dependencies.rb:257:in `load_dependency'
     8: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activerecord-5.2.3/lib/active_record/dependencies.rb:291:in `block in require'
     7: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activerecord-5.2.3/lib/active_record/dependencies.rb:291:in `require'
     6: from /home/redmine/.rvm/gems/ruby-2.5.1/bundler/gems/redmine_acts_as_taggable_on-0ebef70ef692/lib/redmine_acts_as_taggable_on/migration.rb:6:in `<top (required)>'
     5: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activerecord-5.2.3/lib/active_record/dependencies.rb:291:in `require'
     4: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activerecord-5.2.3/lib/active_record/dependencies.rb:257:in `load_dependency'
     3: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activerecord-5.2.3/lib/active_record/dependencies.rb:291:in `block in require'
     2: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/activerecord-5.2.3/lib/active_record/dependencies.rb:291:in `require'
     1: from /home/redmine/.rvm/gems/ruby-2.5.1/gems/acts-as-taggable-on-4.0.0/db/migrate/1_acts_as_taggable_on_migration.rb:1:in `<top (required)>'
/home/redmine/.rvm/gems/ruby-2.5.1/gems/activerecord-5.2.3/lib/active_record/migration.rb:528:in `inherited': Directly inheriting from ActiveRecord::Migration is not supported. Please specify the Rails release the migration was written for: (StandardError)

class ActsAsTaggableOnMigration < ActiveRecord::Migration[4.2]
```

Could you help me please ?

Thanks for your kind help.

Regards,

## History

### #1 - 2019-09-25 17:43 - Marius BĂLTEANU

- Status changed from New to Needs feedback

Please try without plugins because ActsAsTaggableOnMigration is not part of Redmine core. Also, you'll need to check your plugins compatibility with Redmine 4.0 and contact plugin authors if you have any issue. Here we discuss only about Redmine core.

### #2 - 2019-09-25 18:09 - Xavier ANDRE

All my apologies ! I didn't notice it was due to a plugin.

I confirm that everything is working well after removing old plugins.

Thanks for your kind help !

Regards,

### #3 - 2019-09-25 18:10 - Marius BĂLTEANU

- Status changed from Needs feedback to Closed

- Resolution set to Invalid

Xavier ANDRE wrote:

All my apologies ! I didn't notice it was due to a plugin.

I confirm that everything is working well after removing old plugins.

Thanks for your kind help !

Regards,

Thanks for your feedback!