

Foreman - Feature #536

Support Oracle SGDB -- db:migrate worked with errors if i use oracle db

12/15/2010 06:03 AM - Nikolay Aralovets

Status: Rejected	
Priority: Normal	
Assignee:	
Category: DB migrations	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
<p>Hello,</p> <p>I try to use Oracle 10.2.0.5 for Foreman 0.1-6 backend. In process create schema I see next issue:</p> <p>1. In file db/migrate/20090730152224_create_ptables.rb t.string :layout, :limit => 4096, :null => false and Oracle generates error: CreatePtables: migrating ===== -- create_table(:ptables) rake aborted! An error has occurred, all later migrations canceled:</p> <p>OCIError: ORA-00910: specified length too long for its datatype: CREATE TABLE "PTABLES" ("ID" NUMBER NOT NULL PRIMARY KEY, "NAME" VARCHAR2 NOT NULL, "LAYOUT" VARCHAR2 NOT NULL, "OPERATINGSYSTEM_ID" NUMBER, "CREATED_AT" DATE, "UPDATED_AT" DATE)</p> <p>2. At execution scropts: - 20090915030726_change_report_field_type_to_text.rb - 20100115021803_change_mysql_reports_column.rb - 20100325142616_update_fact_names_and_values_to_bin.rb - 20101018120548_create_messages.rb - 20101018120603_create_sources.rb I see error: ChangeReportFieldTypeToText: migrating ===== rake aborted! An error has occurred, all later migrations canceled:</p> <p>undefined method `[]' for nil:NilClass</p>	
Related issues:	
Related to Foreman - Feature #546: Support Oracle SGDB -- It is not displayed...	Rejected 12/17/2010

History

#1 - 12/15/2010 06:49 AM - Ohad Levy

I have no oracle db to test, but can you try changing the following line in db/migrate/20090730152224_create_ptables.rb

```
t.string :layout, :limit => 4096, :null => false
```

to

```
t.text :layout, :null => false
```

#2 - 12/15/2010 07:08 AM - Nikolay Aralovets

It's not worked, because Oracle needs to set size for datatype. I change this as follows:

```
t.string :layout, :limit => 4000, :null => false
```

4000 is max size for datatype varchar2

#3 - 12/15/2010 07:13 AM - Nikolay Aralovets

Variant of a solution of a problem 2:

Add in if .. end condition else "do nothing" :)

For example in 20090915030726_change_report_field_type_to_text.rb add:

```
if ActiveRecord::Base.connection.instance_values["config"][:adapter] == "mysql"
  execute "ALTER TABLE reports MODIFY log text;"
else
  'do nothing'
end
```

#4 - 01/24/2011 08:35 AM - Ohad Levy

Nikolay Aralovets wrote:

Variant of a solution of a problem 2:

Add in if .. end condition else "do nothing" :)

For example in 20090915030726_change_report_field_type_to_text.rb add:

```
if ActiveRecord::Base.connection.instance_values["config"][:adapter] == "mysql"
  execute "ALTER TABLE reports MODIFY log text;"
else
  'do nothing'
end
```

would you like to submit it as a patch for this ticket? (best if you want to use git so we can keep your details within the official foreman repo).

#5 - 07/18/2011 03:26 AM - Ohad Levy

- Status changed from New to Need more information

Hi,

Does this ticket still relevant?

#6 - 07/05/2012 07:19 AM - Benjamin Papillon

- Tracker changed from Bug to Feature

- Subject changed from db:migrate worked with errors if i use oracle db to Support Oracle SGDB -- db:migrate worked with errors if i use oracle db

- Status changed from Need more information to New

I update this ticket as Feature request. Devs are lacking a test environment to validate oracle right now.

#7 - 04/10/2016 06:57 AM - Tomer Brisker

- Description updated

- Status changed from New to Rejected

Oracle DB is not supported by Foreman as a backend. Please use a supported database such as PostgreSQL or MySQL.