

Foreman - Bug #1911

MySQL database migration fails when using the mysql2 gem

10/22/2012 06:26 AM - Martin Wilke

Status:	Closed	
Priority:	Normal	
Assignee:	Sam Kottler	
Category:	DB migrations	
Target version:	1.1	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:		Red Hat JIRA:
Pull request:		

Description

Hi,

If I want to use mysql support and run db import i it fails to import with this:

```
[root@gomo_web /usr/local/opt/foreman/foreman]# bundle exec rake db:migrate RAILS_ENV=production
/usr/local/lib/ruby/gems/1.8/gems/ruby_parser-2.3.1/lib/ruby_parser_extras.rb:10: warning: already initialized constant ENC_NONE
/usr/local/lib/ruby/gems/1.8/gems/ruby_parser-2.3.1/lib/ruby_parser_extras.rb:11: warning: already initialized constant ENC_EUC
/usr/local/lib/ruby/gems/1.8/gems/ruby_parser-2.3.1/lib/ruby_parser_extras.rb:12: warning: already initialized constant ENC_SJIS
/usr/local/lib/ruby/gems/1.8/gems/ruby_parser-2.3.1/lib/ruby_parser_extras.rb:13: warning: already initialized constant ENC_UTF8
CreateHosts: migrating =====
AddCreatedAtToAllTables: migrating =====
-- add_column("inventory_facts", :created_at, :datetime)
>0.0070s
- add_column("schema_migrations", :created_at, :datetime)
-> 0.0060s
AddCreatedAtToAllTables: migrated (0.0225s) =====

RemoveDuplicatedIndexOnAllTables: migrating =====
RemoveDuplicatedIndexOnAllTables: migrated (0.0061s) ===== AddEnvironmentToHost: migrating
=====
AddEnvironmentToHost: migrated (0.0012s) ===== AddInventoryServiceTables: migrating
=====
AddInventoryServiceTables: migrated (0.0009s) =====

-- add_column(:hosts, :mac, :string, {:limit=>17, :default=>""})
>0.0079s
- add_column(:hosts, :sp_mac, :string, {:limit=>17, :default=>""})
>0.0081s
- add_column(:hosts, :sp_ip, :string, {:limit=>15, :default=>""})
>0.0076s
- add_column(:hosts, :sp_name, :string, {:default=>""})
>0.0077s
- add_column(:hosts, :root_pass, :string, {:limit=>64})
>0.0082s
- add_column(:hosts, :serial, :string, {:limit=>12})
>0.0080s
- add_column(:hosts, :puppetmaster, :string)
>0.0078s
- add_column(:hosts, :puppet_status, :integer, {:default=>0, :null=>false})
>0.0162s
- add_column(:hosts, :domain_id, :integer)
>0.0078s
- add_column(:hosts, :architecture_id, :integer)
>0.0083s
- add_column(:hosts, :operatingsystem_id, :integer)
>0.0077s
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-add_column(:hosts, :environment_id, :integer)
>0.0079s
-add_column(:hosts, :subnet_id, :integer)
>0.0083s
-add_column(:hosts, :sp_subnet_id, :integer)
>0.0078s
-add_column(:hosts, :ptable_id, :integer)
>0.0078s
-add_column(:hosts, :medium_id, :integer)
>0.0083s
-add_column(:hosts, :build, :boolean, {:default=>true})
>0.0081s
-add_column(:hosts, :comment, :text)
>0.0090s
-add_column(:hosts, :disk, :text)
>0.0082s
-add_column(:hosts, :installed_at, :datetime)
-> 0.0087s
CreateHosts: migrated (0.3749s) =====

AddAuditsTable: migrating =====
-- create_table(:audits, {:force=>true})
>0.0060s
-add_index(:audits, [:auditable_id, :auditable_type], {:name=>"auditable_index"})
>0.0068s
-add_index(:audits, [:user_id, :user_type], {:name=>"user_index"})
>0.0066s
-add_index(:audits, :created_at)
>0.0062s
-add_index(:audits, [:auditable_parent_id, :auditable_parent_type], {:name=>"auditable_parent_index"})
-> 0.0064s
AddAuditsTable: migrated (0.0325s) ===== CreateArchitectures: migrating
=====
-- create_table(:architectures)
>0.0041s
-- create_table(:architectures_operatingsystems, {:id=>false})
-> 0.0037s
CreateArchitectures: migrated (0.0080s) ===== CreateMedia: migrating
=====
-- create_table(:media)
-> 0.0042s
CreateMedia: migrated (0.0275s) ===== CreateDomains: migrating
=====
-- create_table(:domains)
-> 0.0048s
CreateDomains: migrated (0.0049s) ===== CreateSubnets: migrating
=====
-- create_table(:subnets)
-> 0.0054s
CreateSubnets: migrated (0.0055s) ===== CreateOperatingsystems: migrating
=====
-- create_table(:operatingsystems)
-> 0.0044s
CreateOperatingsystems: migrated (0.0045s) ===== CreateModels: migrating
=====
-- create_table(:models)
>0.0040s
-add_column(:hosts, :model_id, :integer)
-> 0.0080s
CreateModels: migrated (0.0123s) ===== CreateEnvironments: migrating
=====
-- create_table(:environments)
>0.0041s
-- create_table(:environments_puppetclasses, {:id=>false})
-> 0.0038s
CreateEnvironments: migrated (0.0082s) ===== CreateReports: migrating
=====

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-- create_table(:reports)
-> 0.0049s
CreateReports: migrated (0.0050s) ===== CreatePtables: migrating
=====
-- create_table(:ptables)
> 0.0043s
- create_table(:operatingsystems_ptables, {:id=>false})
-> 0.0042s
CreatePtables: migrated (0.0232s) ===== CreatePuppetclasses: migrating
=====
-- create_table(:puppetclasses)
> 0.0043s
- create_table(:hosts_puppetclasses, {:id=>false})
> 0.0035s
- create_table(:operatingsystems_puppetclasses, {:id=>false})
-> 0.0035s
CreatePuppetclasses: migrated (0.0117s) ===== CreateParameters: migrating
=====
-- create_table(:parameters)
-> 0.0040s
CreateParameters: migrated (0.0042s) ===== CreateAuthSources: migrating
=====
-- create_table(:auth_sources)
-> 0.0052s
CreateAuthSources: migrated (0.0053s) ===== CreateHostgroups: migrating
=====
-- create_table(:hostgroups)
> 0.0043s
- create_table(:hostgroups_puppetclasses, {:id=>false})
> 0.0036s
- add_column(:hosts, :hostgroup_id, :integer)
> 0.0083s
- add_column(:parameters, :hostgroup_id, :integer)
-> 0.0059s
CreateHostgroups: migrated (0.0226s) ===== AddTypeToParameter: migrating
=====
-- add_column(:parameters, :type, :string)
-> 0.0066s
AddTypeToParameter: migrated (0.0067s) ===== AddDomainToParameter: migrating
=====
-- add_column(:parameters, :domain_id, :integer)
-> 0.0060s
AddDomainToParameter: migrated (0.0061s) ===== ChangeReportFieldTypeToText: migrating
=====
-- execute("ALTER TABLE reports MODIFY log text;")
-> 0.0012s
ChangeReportFieldTypeToText: migrated (0.0014s) ===== ChangeHostBuildDefaultToFalse: migrating
=====
-- change_column(:hosts, :build, :boolean, {:default=>false})
-> 0.0044s
ChangeHostBuildDefaultToFalse: migrated (0.0127s) ===== AddIndexToHost: migrating
=====
-- add_index("hosts", "last_report")
> 0.0070s
- add_index("hosts", "installed_at")
> 0.0067s
- add_index("hosts", "puppet_status")
> 0.0067s
- add_index("hosts", :domain_id, {:name=>"host_domain_id_ix"})
> 0.0069s
- add_index("hosts", :architecture_id, {:name=>"host_arch_id_ix"})
> 0.0076s
- add_index("hosts", :operatingsystem_id, {:name=>"host_os_id_ix"})
> 0.0078s
- add_index("hosts", :environment_id, {:name=>"host_env_id_ix"})
> 0.0068s
- add_index("hosts", :medium_id, {:name=>"host_medium_id_ix"})

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>0.0064s
-add_index("hosts", :hostgroup_id, {:name=>"host_group_id_ix"})
-> 0.0064s
AddIndexToHost: migrated (0.0632s) ===== AddIndexToParameters: migrating
=====
-- add_index(:parameters, [:host_id, :type])
>0.0064s
-add_index(:parameters, [:hostgroup_id, :type])
>0.0063s
-add_index(:parameters, [:domain_id, :type])
>0.0060s
-add_index(:parameters, :type)
-> 0.0066s
AddIndexToParameters: migrated (0.0258s) ===== AddIndexToReports: migrating
=====
-- add_index(:reports, [:reported_at, :host_id])
-> 0.0060s
AddIndexToReports: migrated (0.0061s) ===== CreateUsers: migrating
=====
-- create_table(:users)
-> 0.0049s
CreateUsers: migrated (0.0051s) ===== CreateSessions: migrating
=====
-- create_table(:sessions)
>0.0043s
-add_index(:sessions, :session_id)
>0.0066s
-add_index(:sessions, :updated_at)
-> 0.0060s
CreateSessions: migrated (0.0172s) ===== AddStatusToReport: migrating
=====
-- add_column(:reports, :status, :integer)
>0.0068s
-add_index(:reports, :status)
>0.0068s
-add_index(:reports, :host_id)
>0.0070s
-add_index(:reports, :reported_at)
-> 0.0063s
AddStatusToReport: migrated (0.0273s) ===== CalcExistingReports: migrating
=====
CalcExistingReports: migrated (0.0024s) ===== CreateLookupKeys: migrating
=====
-- create_table(:lookup_keys)
>0.1111s
-add_index(:lookup_keys, :key)
-> 0.0071s
CreateLookupKeys: migrated (0.1185s) ===== CreateLookupValues: migrating
=====
-- create_table(:lookup_values)
>0.0043s
-add_index(:lookup_values, :priority)
-> 0.0069s
CreateLookupValues: migrated (0.0115s) ===== ChangeMysqlReportsColumn: migrating
=====
-- execute("ALTER TABLE reports MODIFY log mediumtext;")
-> 0.0089s
ChangeMysqlReportsColumn: migrated (0.0092s) ===== AddFamilyToOs: migrating
=====
-- add_column(:operatingsystems, :family_id, :integer)
-> 0.0075s
AddFamilyToOs: migrated (0.0089s) ===== UpdateFactNamesAndValuesToBin:
migrating =====
-- execute("ALTER TABLE fact_names MODIFY name varchar(255) COLLATE utf8_bin NOT NULL")
>0.0066s
-- execute("ALTER TABLE fact_values MODIFY value varchar(255) COLLATE utf8_bin NOT NULL")
-> 0.0073s

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UpdateFactNamesAndValuesToBin: migrated (0.0142s) ===== AddReleasenameToOs: migrating
=====
-- add_column(:operatingsystems, :release_name, :string, {:limit=>64})
-> 0.0061s
AddReleasenameToOs: migrated (0.0157s) ===== CreateUsergroups: migrating
=====
-- create_table(:usergroups)
>0.0045s
- create_table(:usergroup_members)
-> 0.0046s
CreateUsergroups: migrated (0.0093s) ===== AddOwnerToHosts: migrating
=====
-- add_column(:hosts, :owner_id, :integer)
>0.0147s
- add_column(:hosts, :owner_type, :string)
-> 0.0207s
AddOwnerToHosts: migrated (0.1380s) ===== AddUbuntuCustomLvmPtable: migrating
=====
AddUbuntuCustomLvmPtable: migrated (0.0253s) =====
CreateMediaOperatingsystemsAndMigrateData: migrating =====
-- create_table(:media_operatingsystems, {:id=>false})
>0.0045s
- remove_column(:media, :operatingsystem_id)
-> 0.0061s
CreateMediaOperatingsystemsAndMigrateData: migrated (0.0174s) ===== MigrateInstallationMediumUri: migrating
=====
MigrateInstallationMediumUri: migrated (0.0186s) ===== SimplifyParameters: migrating
=====
-- remove_index(:parameters, [:host_id, :type])
>0.0067s
- remove_index(:parameters, [:hostgroup_id, :type])
>0.0066s
- remove_index(:parameters, [:domain_id, :type])
>0.0065s
- rename_column(:parameters, :host_id, :reference_id)
>0.0089s
- add_index(:parameters, [:reference_id, :type])
>0.0068s
- Everything migrated ok so we remove the old columns
-- remove_column(:parameters, :hostgroup_id)
>0.0081s
- remove_column(:parameters, :domain_id)
-> 0.0075s
SimplifyParameters: migrated (0.0583s) ===== UpdateOsMinor: migrating
=====
-- change_column(:operatingsystems, :minor, :string, {:limit=>16, :default=>"", :null=>false})
-> 0.0073s
UpdateOsMinor: migrated (0.0105s) ===== ChangeFamilyInOs: migrating
=====
-- add_column(:operatingsystems, :type, :string, {:limit=>16})
>0.0061s
- add_index(:operatingsystems, :type)
>0.0071s
- remove_column(:operatingsystems, :family_id)
-> 0.0074s
ChangeFamilyInOs: migrated (0.0220s) ===== CreateNotices: migrating
=====
-- create_table(:notices)
>0.0044s
- create_table(:user_notices, {:id=>false})
-> 0.0037s
CreateNotices: migrated (0.0083s) ===== AddInternalAuth: migrating
=====
-- add_column(:users, :password_hash, :string, {:limit=>128})
>0.0061s
- add_column(:users, :password_salt, :string, {:limit=>128})
>0.0062s

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- Mail is invalid
AddInternalAuth: migrated (0.2338s) ===== CreateRoles: migrating
=====
-- add_column(:users, :role_id, :integer)
> 0.0067s
- create_table("roles", {:force=>true})
> 0.0060s
- create_table(:user_roles)
-> 0.0041s
CreateRoles: migrated (0.0172s) ===== AddUserDomainsAndHostgroups:
migrating =====
-- create_table(:user_domains, {:id=>false})
> 0.0037s
- create_table(:user_hostgroups, {:id=>false})
-> 0.0036s
AddUserDomainsAndHostgroups: migrated (0.0076s) ===== CreateUserFacts: migrating
=====
-- create_table(:user_facts)
-> 0.0044s
CreateUserFacts: migrated (0.0045s) ===== AddEnabledToHosts: migrating
=====
-- add_column(:hosts, :enabled, :boolean, {:default=>true})
-> 0.0150s
AddEnabledToHosts: migrated (0.0151s) ===== AddMyBooleansToUser: migrating
=====
-- add_column(:users, :domains_andor, :string, {:limit=>3, :default=>"or"})
> 0.0060s
- add_column(:users, :hostgroups_andor, :string, {:limit=>3, :default=>"or"})
> 0.0061s
- add_column(:users, :facts_andor, :string, {:limit=>3, :default=>"or"})
-> 0.0068s
AddMyBooleansToUser: migrated (0.0192s) ===== CreateMessages: migrating
=====
-- create_table(:messages)
> 0.0038s
- execute("ALTER TABLE messages ENGINE = MYISAM")
> 0.0029s
- execute("ALTER TABLE messages ADD FULLTEXT (value)")
-> 0.0018s
CreateMessages: migrated (0.0090s) ===== CreateSources: migrating
=====
-- create_table(:sources)
> 0.0040s
- execute("ALTER TABLE sources ENGINE = MYISAM")
> 0.0029s
- execute("ALTER TABLE sources ADD FULLTEXT (value)")
-> 0.0018s
CreateSources: migrated (0.0091s) ===== CreateLogs: migrating
=====
-- create_table(:logs)
> 0.0045s
- add_index(:logs, :report_id)
> 0.0067s
- add_index(:logs, :message_id)
> 0.0066s
- add_index(:logs, :level_id)
-> 0.0064s
CreateLogs: migrated (0.0246s) ===== AddMetricsToReport: migrating
=====
-- add_column(:reports, :metrics, :text)
-> 0.0095s
AddMetricsToReport: migrated (0.0096s) ===== ConvertReports: migrating
=====
-- About to convert all of the 0 reports log field into a more DB optimized way... this might take a while....
-- remove_column(:reports, :log)
-> 0.0088s
ConvertReports: migrated (0.0129s) ===== AddOwnedFilterToUser: migrating

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=====
-- add_column(:users, :filter_on_owner, :boolean)
-> 0.0064s
AddOwnedFilterToUser: migrated (0.0065s) ===== CorrectMedia: migrating
=====
-- table_exists?(:medias)
-> 0.0015s
CorrectMedia: migrated (0.0016s) ===== CreateConfigTemplates: migrating
=====
-- create_table(:config_templates)
-> 0.0046s
CreateConfigTemplates: migrated (0.0048s) ===== CreateTemplateCombinations: migrating
=====
-- create_table(:template_combinations)
-> 0.0175s
CreateTemplateCombinations: migrated (0.0176s) ===== CreateOperatingSystemsConfigTemplates:
migrating =====
-- create_table(:config_templates_operatingsystems, {:id=>false})
-> 0.0039s
CreateOperatingSystemsConfigTemplates: migrated (0.0040s) ===== CreateTemplateKinds: migrating
=====
-- create_table(:template_kinds)
-> 0.0039s
CreateTemplateKinds: migrated (0.0408s) ===== CreateOsDefaultTemplates: migrating
=====
-- create_table(:os_default_templates)
-> 0.0043s
CreateOsDefaultTemplates: migrated (0.0045s) ===== AddDefaultTemplates: migrating
=====
AddDefaultTemplates: migrated (0.2886s) ===== AddSubSystemsToSubnet: migrating
=====
-- add_column(:subnets, :dhcp_id, :integer)
>0.0070s
-- add_column(:subnets, :tftp_id, :integer)
>0.0060s
-- rename_column(:subnets, :number, :network)
-> 0.0082s
AddSubSystemsToSubnet: migrated (0.0215s) ===== CreateProxies: migrating
=====
-- create_table(:smart_proxies)
-> 0.0043s
CreateProxies: migrated (0.0044s) ===== AddProxyToDomain: migrating
=====
-- add_column(:domains, :dns_id, :integer)
>0.0061s
-- remove_column(:domains, :dnserver)
>0.0063s
-- remove_column(:domains, :gateway)
-> 0.0061s
AddProxyToDomain: migrated (0.0187s) ===== AddGrubbyTemplate: migrating
=====
AddGrubbyTemplate: migrated (0.0089s) ===== CreateHypervisors: migrating
=====
-- create_table(:hypervisors)
-> 0.0047s
CreateHypervisors: migrated (0.0048s) ===== AddHostGroupDefaults: migrating
=====
-- add_column(:hostgroups, :environment_id, :integer)
>0.0058s
-- add_column(:hostgroups, :operatingsystem_id, :integer)
>0.0058s
-- add_column(:hostgroups, :architecture_id, :integer)
>0.0065s
-- add_column(:hostgroups, :medium_id, :integer)
>0.0060s
-- add_column(:hostgroups, :ptable_id, :integer)
>0.0061s

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-add_column(:hostgroups, :root_pass, :string)
>0.0059s
-add_column(:hostgroups, :puppetmaster, :string)
-> 0.0060s
AddHostGroupDefaults: migrated (0.0429s) ===== AddDefaultPxeMenuTemplate: migrating
=====
AddDefaultPxeMenuTemplate: migrated (0.0088s) ===== CreateProxyFeatures: migrating
=====
-- create_table(:features)
>0.0049s
-- create_table(:features_smart_proxies, {:id=>false})
-> 0.0039s
CreateProxyFeatures: migrated (0.0286s) ===== ChangePuppetmasterColumn: migrating
=====
-- rename_column(:hosts, :puppetmaster, :puppetmaster_name)
>0.0190s
-- add_column(:hosts, :puppetproxy_id, :integer)
>0.0155s
-- rename_column(:hostgroups, :puppetmaster, :puppetmaster_name)
>0.0080s
-- add_column(:hostgroups, :puppetproxy_id, :integer)
-> 0.0058s
ChangePuppetmasterColumn: migrated (0.0487s) ===== AddManagedToHosts: migrating
=====
-- add_column(:hosts, :managed, :boolean)
-> 0.0152s
AddManagedToHosts: migrated (0.0163s) =====
RevertFaceNamesAndValuesToTextRecords: migrating =====
-- execute("ALTER TABLE fact_values MODIFY value text COLLATE utf8_bin NOT NULL;")
-> 0.0073s
RevertFaceNamesAndValuesToTextRecords: migrated (0.0076s) ===== AddPriorityToParameter: migrating
=====
-- add_column(:parameters, :priority, :integer)
-> 0.0077s
AddPriorityToParameter: migrated (0.0112s) ===== AddMediaPathToMedium: migrating
=====
-- add_column(:media, :media_path, :string, {:limit=>128})
>0.0058s
-- add_column(:media, :config_path, :string, {:limit=>128})
>0.0059s
-- add_column(:media, :image_path, :string, {:limit=>128})
-> 0.0062s
AddMediaPathToMedium: migrated (0.0182s) ===== AddImageToHost: migrating
=====
-- add_column(:hosts, :use_image, :boolean)
>0.0155s
-- add_column(:hosts, :image_file, :string, {:limit=>128})
>0.0153s
-- add_column(:hostgroups, :use_image, :boolean)
>0.0061s
-- add_column(:hostgroups, :image_file, :string, {:limit=>128})
-> 0.0062s
AddImageToHost: migrated (0.0436s) =====
RemoveUnusedFieldsFromPuppetClasses: migrating =====
-- remove_column(:puppetclasses, :nameindicator)
>0.0060s
-- remove_column(:puppetclasses, :operatingsystem_id)
-> 0.0059s
RemoveUnusedFieldsFromPuppetClasses: migrated (0.0120s) ===== AddTableBookmarks: migrating
=====
-- create_table(:bookmarks, {:force=>true})
>0.0058s
-- add_index(:bookmarks, :name)
>0.0077s
-- add_index(:bookmarks, :controller)
>0.0062s
-- add_index(:bookmarks, [:owner_id, :owner_type])

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-> 0.0061s
AddTableBookmarks: migrated (0.0553s) ===== AddSolarisTemplates: migrating
=====
AddSolarisTemplates: migrated (0.0724s) ===== AddSolarisDisks: migrating
=====
AddSolarisDisks: migrated (0.0285s) ===== AddLookupKeyIdToPuppetClass: migrating
=====
-- add_column(:lookup_keys, :puppetclass_id, :integer)
> 0.0082s
- add_index(:lookup_keys, :puppetclass_id)
> 0.0067s
- add_column(:lookup_keys, :default_value, :string)
> 0.0072s
- add_column(:lookup_keys, :path, :string)
> 0.0073s
- add_index(:lookup_keys, :path)
> 0.0072s
- add_column(:lookup_keys, :description, :string)
> 0.0085s
- add_column(:lookup_keys, :validator_type, :string)
> 0.0079s
- add_column(:lookup_keys, :validator_rule, :string)
> 0.0087s
- rename_column(:lookup_values, :priority, :match)
> 0.0082s
- add_index(:lookup_values, :match)
-> 0.0071s
AddLookupKeyIdToPuppetClass: migrated (0.0779s) ===== AddSparcInfoToModel: migrating
=====
-- add_column(:models, :vendor_class, :string, {:limit=>32})
> 0.0060s
- add_column(:models, :hardware_model, :string, {:limit=>16})
-> 0.0058s
AddSparcInfoToModel: migrated (0.0120s) ===== AddAncestryToHostgroup: migrating
=====
-- add_column(:hostgroups, :ancestry, :string)
> 0.0061s
- add_index(:hostgroups, :ancestry)
-> 0.0075s
AddAncestryToHostgroup: migrated (0.0138s) ===== CreateSettings: migrating
=====
-- create_table(:settings)
> 0.0050s
- add_index(:settings, :name, {:unique=>true})
-> 0.0072s
CreateSettings: migrated (0.0124s) ===== UpdateAuditsTable: migrating
=====
UpdateAuditsTable: migrated (0.0016s) ===== CreateHostClass: migrating
=====
-- rename_table(:hosts_puppetclasses, :host_classes)
> 0.0011s
- add_column(:host_classes, :id, :primary_key)
-> 0.0060s
CreateHostClass: migrated (0.0073s) ===== AddSuseTemplates: migrating
=====
AddSuseTemplates: migrated (0.0599s) ===== AddVmDefaultsToHostgroup: migrating
=====
-- add_column(:hostgroups, :vm_defaults, :text)
-> 0.0072s
AddVmDefaultsToHostgroup: migrated (0.0073s) ===== AddSubnetAndDomainToHostGroups:
migrating =====
-- column_exists?(:hostgroups, :subnet_id)
> 0.0018s
- add_column(:hostgroups, :subnet_id, :integer)
> 0.0075s
- column_exists?(:hostgroups, :domain_id)
> 0.0019s

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-add_column(:hostgroups, :domain_id, :integer)
-> 0.0070s
AddSubnetAndDomainToHostGroups: migrated (0.0186s) ===== RenameChangesToAuditedChanges:
migrating =====
-- rename_column(:audits, :changes, :audited_changes)
-> 0.0114s
RenameChangesToAuditedChanges: migrated (0.0115s) ===== AddRemoteAddressToAudits: migrating
=====
-- add_column(:audits, :remote_address, :string)
-> 0.0095s
AddRemoteAddressToAudits: migrated (0.0096s) ===== RenameParentToAssociation: migrating
=====
-- rename_column(:audits, :auditable_parent_id, :association_id)
>0.0113s
-- rename_column(:audits, :auditable_parent_type, :association_type)
-> 0.0117s
RenameParentToAssociation: migrated (0.0232s) ===== AddGatewayAndDnsToSubnets: migrating
=====
-- add_column(:subnets, :gateway, :string)
>0.0060s
-- add_column(:subnets, :dns_primary, :string)
>0.0059s
-- add_column(:subnets, :dns_secondary, :string)
-> 0.0065s
AddGatewayAndDnsToSubnets: migrated (0.0187s) ===== EnsureAllHostnamesAreLowercase:
migrating =====
-- execute("UPDATE hosts SET name=LOWER")
-> 0.0004s
EnsureAllHostnamesAreLowercase: migrated (0.0005s) ===== AddFromAndToRangesToSubnets:
migrating =====
-- add_column(:subnets, :from, :string)
>0.0061s
-- add_column(:subnets, :to, :string)
>0.0060s
-- remove_column(:subnets, :ranges)
-> 0.0060s
AddFromAndToRangesToSubnets: migrated (0.0185s) ===== CreateSubnetDomain: migrating
=====
-- create_table(:subnet_domains)
>0.0042s
-- remove_column(:subnets, :domain_id)
-> 0.0070s
CreateSubnetDomain: migrated (0.1343s) ===== CreateComputeResources: migrating
=====
-- create_table(:compute_resources)
-> 0.0046s
CreateComputeResources: migrated (0.0048s) ===== AddUuidAndComputeIdToHost: migrating
=====
-- add_column(:hosts, :uuid, :string)
>0.0155s
-- add_column(:hosts, :compute_resource_id, :integer)
-> 0.0161s
AddUuidAndComputeIdToHost: migrated (0.0317s) ===== AddWindowsTemplates: migrating
=====
AddWindowsTemplates: migrated (0.0581s) =====
AddPuppetMasterProxyToHostAndHostGroup: migrating =====
-- rename_column(:hosts, :puppetproxy_id, :puppet_ca_proxy_id)
>0.0206s
-- add_column(:hosts, :puppet_proxy_id, :integer)
>0.0157s
-- rename_column(:hostgroups, :puppetproxy_id, :puppet_ca_proxy_id)
>0.0100s
-- add_column(:hostgroups, :puppet_proxy_id, :integer)
>0.0077s
-- remove_column(:hosts, :puppetmaster_name)
>0.0164s
-- remove_column(:hostgroups, :puppetmaster_name)

```

```

-> 0.0080s
AddPuppetMasterProxyToHostAndHostGroup: migrated (0.1661s) ===== UpdateReportFieldToLargeInt: migrating
=====
-- change_column(:reports, :status, :bigint)
> 0.0106s
-- change_column(:hosts, :puppet_status, :bigint)
-> 0.0197s
UpdateReportFieldToLargeInt: migrated (0.0306s) ===== CreateImages: migrating
=====
-- create_table(:images)
-> 0.0053s
CreateImages: migrated (0.0054s) ===== AddCertNameToHost: migrating
=====
-- add_column(:hosts, :certname, :string)
> 0.0155s
-- add_index("hosts", :certname)
-> 0.0087s
AddCertNameToHost: migrated (0.0244s) ===== CreateKeyPairs: migrating
=====
-- create_table(:key_pairs)
-> 0.0051s
CreateKeyPairs: migrated (0.0052s) ===== AddDnsIdToSubnet: migrating
=====
-- add_column(:subnets, :dns_id, :integer)
-> 0.0065s
AddDnsIdToSubnet: migrated (0.0066s) ===== AddImageIdToHost: migrating
=====
-- add_column(:hosts, :image_id, :integer)
-> 0.0161s
AddImageIdToHost: migrated (0.0163s) ===== AddUserComputeResources: migrating
=====
-- create_table(:user_compute_resources, {:id=>false})
-> 0.0034s
AddUserComputeResources: migrated (0.0036s) ===== AddComputeResourcesBooleanToUser:
migrating =====
-- add_column(:users, :compute_resources_andor, :string, {:limit=>3, :default=>"or"})
-> 0.0061s
AddComputeResourcesBooleanToUser: migrated (0.0062s) ===== AddEpelSnippets: migrating
=====
AddEpelSnippets: migrated (0.0068s) ===== ConvertParamsToText: migrating
=====
-- change_column("parameters", :value, :text, {:limit=>false})
rake aborted!

```

An error has occurred, all later migrations canceled:

No text type has character length false

Tasks: TOP => db:migrate
(See full trace by running task with --trace)

I have no clue whats exactly wrong is but it seems that all tables are there.

A another problem is importing facts:

```

[root@gomo_web /usr/local/opt/foreman/foreman]# rake --trace puppet:import:hosts_and_facts RAILS_ENV=production
/usr/local/lib/ruby/gems/1.8/gems/ruby_parser-2.3.1/lib/ruby_parser_extras.rb:10: warning: already initialized constant ENC_NONE
/usr/local/lib/ruby/gems/1.8/gems/ruby_parser-2.3.1/lib/ruby_parser_extras.rb:11: warning: already initialized constant ENC_EUC
/usr/local/lib/ruby/gems/1.8/gems/ruby_parser-2.3.1/lib/ruby_parser_extras.rb:12: warning: already initialized constant ENC_SJIS
/usr/local/lib/ruby/gems/1.8/gems/ruby_parser-2.3.1/lib/ruby_parser_extras.rb:13: warning: already initialized constant ENC_UTF8

```

- Invoke puppet:import:hosts_and_facts (first_time)
- Invoke environment (first_time)
- Execute environment
- Execute puppet:import:hosts_and_facts
 - Importing from /var/puppet/yaml/facts
 - Importing gomo_web
 - rake aborted!

```
Mysql::Error: Column 'name' cannot be null: INSERT INTO `hosts` (`created_at`, `owner_id`, `use_image`, `uuid`, `owner_type`,
`architecture_id`, `last_report`, `disk`, `hostgroup_id`, `image_file`, `sp_ip`, `domain_id`, `updated_at`, `compute_resource_id`,
`sp_subnet_id`, `sp_mac`, `last_compile`, `puppet_ca_proxy_id`, `environment_id`, `sp_name`, `last_freshcheck`, `managed`,
`environment`, `enabled`, `root_pass`, `operatingsystem_id`, `image_id`, `installed_at`, `mac`, `subnet_id`, `puppet_proxy_id`,
`medium_id`, `ip`, `name`, `serial`, `model_id`, `certname`, `build`, `source_file_id`, `comment`, `puppet_status`, `ptable_id`)
VALUES ('2012-10-22 10:25:13', NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL,
NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL,
NULL, NULL, NULL, NULL, NULL, NULL, 0, NULL, NULL, 0, NULL)
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/mysql_adapter.rb:289:in `query'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/mysql_adapter.rb:289:in `execute'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract_adapter.rb:202:in `log'
/usr/local/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/notifications/instrumenter.rb:21:in `instrument'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract_adapter.rb:200:in `log'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/mysql_adapter.rb:289:in `execute'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/database_statements.rb:2
82:in `insert_sql'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/mysql_adapter.rb:300:in `insert_sql'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/database_statements.rb:4
4:in `insert'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/query_cache.rb:16:in
`insert'
/usr/local/lib/ruby/gems/1.8/gems/arel-2.0.10/lib/arel/select_manager.rb:217:in `insert'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/relation.rb:14:in `__send__'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/relation.rb:14:in `insert'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/persistence.rb:281:in `create'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/timestamp.rb:47:in `create'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/callbacks.rb:277:in `create'
/usr/local/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:419:in `_run_create_callbacks'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/callbacks.rb:277:in `create'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/persistence.rb:257:in `create_or_update'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/callbacks.rb:273:in `create_or_update'
/usr/local/lib/ruby/gems/1.8/gems/activesupport-3.0.17/lib/active_support/callbacks.rb:519:in `_run_save_callbacks'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/callbacks.rb:273:in `create_or_update'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/persistence.rb:40:in `save'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/validations.rb:43:in `save'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/attribute_methods/dirty.rb:21:in `save'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:240:in `save'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:292:in `with_transaction_returning_status'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/connection_adapters/abstract/database_statements.rb:1
39:in `transaction'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:207:in `transaction'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:290:in `with_transaction_returning_status'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:240:in `save'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:251:in `rollback_active_record_state!'
/usr/local/lib/ruby/gems/1.8/gems/activerecord-3.0.17/lib/active_record/transactions.rb:239:in `save'
/usr/local/opt/foreman/foreman/app/models/host.rb:401:in `importHostAndFacts'
/usr/local/opt/foreman/foreman/lib/tasks/puppet.rake:53
/usr/local/opt/foreman/foreman/lib/tasks/puppet.rake:50:in `each'
/usr/local/opt/foreman/foreman/lib/tasks/puppet.rake:50
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:205:in `call'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:205:in `execute'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:200:in `each'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:200:in `execute'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:158:in `invoke_with_call_chain'
/usr/local/lib/ruby/1.8/monitor.rb:242:in `synchronize'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:151:in `invoke_with_call_chain'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/task.rb:144:in `invoke'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:116:in `invoke_task'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `top_level'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `each'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:94:in `top_level'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:133:in `standard_exception_handling'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:88:in `top_level'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:66:in `run'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:133:in `standard_exception_handling'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/lib/rake/application.rb:63:in `run'
/usr/local/lib/ruby/gems/1.8/gems/rake-0.9.2.2/bin/rake:33
```

```
/usr/local/bin/rake:23:in `load'  
/usr/local/bin/rake:23  
Tasks: TOP => puppet:import:hosts_and_facts
```

Please let me know if you need more information.

Thx

Associated revisions

Revision 915f89fe - 11/11/2012 02:34 AM - Sam Kottler

Fixes #1911 - removes limit from change_column's in a few migrations

History

#1 - 10/25/2012 05:18 AM - Ohad Levy

- Priority changed from High to Normal

if you use puppet 2.x does it work? puppet 3.0.x is unstable at the moment and does not work with foreman.

#2 - 11/02/2012 12:31 PM - Robert Birnie

I'm getting this same error with mysql gem and centos. It fails to do rake db:migrate with error "No text type has character length false" the migration in question is:

```
class ConvertParamsToText < ActiveRecord::Migration  
  def self.up  
    change_column 'parameters', :value, :text, :limit => false  
    change_column 'lookup_values', :value, :text, :limit => false  
  end  
  
  def self.down  
    change_column 'parameters', :value, :string  
    change_column 'lookup_values', :value, :string  
  end  
end
```

Error is:

```
ConvertParamsToText: migrating =====  
-- change_column("parameters", :value, :text, {:limit=>false})  
rake aborted!  
An error has occurred, all later migrations canceled:
```

No text type has character length false

#3 - 11/02/2012 12:37 PM - Robert Birnie

Looks like the issue is related to mysql version 5.1

#4 - 11/02/2012 12:57 PM - Robert Birnie

Ok. My workaround. use adapter: mysql and do rake db:migrate

this'll go till the error above. Then change the adapter: mysql2 and do db:migrate again. This'll then complete successfully.

Starting out with mysql2 gives this on first entry:

- Execute db:migrate
CreateHosts: migrating =====
rake aborted!
An error has occurred, all later migrations canceled:

```
Mysql2::Error: BLOB/TEXT column 'title' used in key specification without a key length: CREATE INDEX `index_resources_on_title_and_restype` ON `resources` (`title`, `restype`)
```

and my database.yml

```
production:  
  adapter: mysql2  
  database: foreman
```

#5 - 11/03/2012 04:44 PM - Ohad Levy

- Status changed from New to Feedback

does removing the

```
:limit => false
```

solves the issue all together?

#6 - 11/07/2012 09:09 AM - Sam Kottler

- Assignee set to Sam Kottler

I've run across this before. Looking into it now.

#7 - 11/08/2012 01:47 AM - Sam Kottler

I can't reproduce this on MySQL 5.1 with a CentOS 6.3 machine on Puppet 2 or 3 with the mysql2 gem.

Can you provide more information to help me track this issue down about the exact MySQL version and Foreman version?

#8 - 11/08/2012 01:49 AM - Sam Kottler

- Subject changed from puppet3 mysql db:migration / facts fails to import to MySQL database migration fails when using the mysql2 gem

#9 - 11/08/2012 03:37 PM - Sam Kottler

- Status changed from Feedback to Ready For Testing

I was able to reproduce this on an Ubuntu 12.04 machine. It's not specific to mysql2.

Submitted a PR - <https://github.com/theforeman/foreman/pull/233>.

#10 - 11/08/2012 06:21 PM - Robert Birnie

This fixes it for me. Thanks Sam.

#11 - 11/11/2012 04:11 AM - Sam Kottler

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [915f89fedd4635226eee8e3caded9379363a72ca](#).