

Foreman - Feature #7230

Upgrade Ruby on Rails to 4.1

08/22/2014 06:40 AM - Dominic Cleal

Status: Closed	
Priority: Normal	
Assignee: Daniel Lobato Garcia	
Category: Rails	
Target version: 1.11.0	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request: https://github.com/foreman/foreman/pull/2870 , https://github.com/foreman/foreman-docker/pull/126 , https://github.com/foreman/foreman_bootdisk/pull/18	

Description

This ticket tracks the upgrade of core Foreman to Ruby on Rails 4.0 from 3.2.

Related issues:

Related to Foreman - Bug #10019: Compute Profile Memory options different for...	Closed	04/03/2015
Related to Foreman - Bug #4274: remove I18n deprecation warning when running ...	Resolved	02/06/2014
Related to Packaging - Bug #12876: Foreman build can't find bundler 1.3 or hi...	Closed	12/18/2015
Related to Foreman - Bug #12891: search_by_params for host returns all hosts	Closed	12/21/2015
Related to Foreman - Refactor #12892: move rails binaries to /bin directory	Closed	12/21/2015
Related to Foreman - Bug #8055: missing stylesheets in apidoc	Closed	10/23/2014
Related to Foreman - Bug #12977: sprockets-rails 2.2.2 or higher is needed fo...	Closed	01/04/2016
Related to Foreman - Bug #13005: Plugin CSS assets are not minified during pr...	Closed	01/05/2016
Related to Foreman - Bug #13033: plugin:gettext rake task doesn't load with g...	Closed	01/07/2016
Related to Foreman - Bug #13131: plugin skip tests not working after rails 4 ...	Closed	01/12/2016
Related to Foreman - Refactor #13409: Remove maintain_test_schema! Rails init...	Closed	01/27/2016
Related to Foreman - Refactor #14022: secret_key_base should be configured	Duplicate	03/02/2016
Related to Foreman - Bug #14028: Routing errors due to missing graphics/fonts...	Closed	03/02/2016
Blocks Foreman - Tracker #3157: Rails 4.1 upgrade tasks	Closed	09/27/2013
Blocks Foreman - Refactor #12485: Consider replacing Rails counter_cache with...	Rejected	11/15/2015
Blocks Foreman - Feature #12873: Update Rails to 4.1.latest	Closed	12/18/2015
Blocks Foreman - Bug #7246: Remove counter workaround for #5692 on upgrade to...	Rejected	08/25/2014
Blocks Foreman - Bug #12219: Test failures on Ruby 2.2	Closed	10/20/2015

Associated revisions

Revision c80f3b10 - 12/11/2015 11:07 AM - Tom Caspy

fixes #7230 - rails 4 compatibility

Revision fb9f45e8 - 12/18/2015 08:03 AM - Daniel Lobato Garcia

Fixes #7230, #12021 - Upgrade to Rails 4.1.5

This commits upgrades Rails to Rails 4.1.5. See a description of the changes included here, and go to the pull request in GitHub to see more detailed explanations:

- Update gems to a Rails 4 compatible version, including dependencies
- Fix counter cache columns
- Remove conditions, order, limit from has_many relations

- Remove test runner
On minitest 5, the runner API was deprecated, so our custom test runner is no longer working.
- Remove useless add_index on lookup_values match
An index is added previously on lookup_values :priority, and on Rails 4 rename_column changes 'priority' to 'match' already changes the name of the index.
- Alias assert_include to assert_includes.
- Expire topbar cache
- Subclass ApplicationMailer in test to avoid 'missing template' error
- Fixes #12021 - Use .to_param to find parent object in LookupKeys controller
On Rails 4, .find will not default to .friendly.find so find_hostgroup, find_environment and find_host will fail for non numeric IDs. However, we can use from_param to find these objects. This is something we can do both on Rails 3 and Rails 4, whereas using .friendly isn't an option until friendly_id 5.0, which depends on Rails 4.
- Use explicit friendly ID search.
- find_common finder uses from_param -> friendly -> find
The finder needed to be refactored because with the new Friendly ID we have to use .friendly explicitly. It currently follows the strategy of searching like this:
- from_param -> .friendly -> regular find
- Remove RecordNotFound errors from parameterizable in rails 4
- Protect attributes using attr_accessible and protected_attributes
- url_for doesn't append port when protocol is specified
Some of our tests are checking if port 80 or 443 is included in the URL generated by lib/foreman/renderer.rb. However url_for has changed in Rails 4 and now it does not append the port even if explicitly added.

If the protocol is specified, as it is in this case, then the url generated will just have the protocol (http or https) but not the port (80 or 443)

- Validate object instead of _id column in join tables
On Rails 4 such validations will fail when we try to create objects without explicitly assigning the id.
Puppetclass.new(:config_group => config_group) would fail even for a valid config group, :config_group_id => config_group.id should be used instead.

To avoid that, we validate the object, not the ID column

- Rails 4 non backwards compatible syntax changes
Changes that have to deal with how some of the internal Rails objects need a new syntax, like generating routes, exceptions, form builders. None of these are Rails 3 compatible.
- Fixes #12199 - rails 4 migration errors
There are actually two parts to the issue of not being able to migrate with this branch. The first is <https://gist.github.com/elLobato/0f5db50b5c93cc6c277c> and can be temporarily fixed with rails/sass-rails#136 (comment) I am not sure of a long term fix for that atm.

Once that is patched, this error <https://gist.github.com/johnpmitsch/96e5ba3629890931193a> happens on a migration. This will fix that error by changing the Migrator class initializer arguments which have changed from rails 3 to rails 4

- Refactor fact value test to not modify user_roles directly
- Return external usergroups as an array
- Use eager_load to preload associations to be used in where

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 - On Rails 4, .find will not default to .friendly.find so find_hostgroup, find_environment and find_host will fail for non numeric IDs. However, we can use from_param to find these objects. This is something we can do both on Rails 3 and Rails 4, whereas using .friendly isn't an option until friendly_id 5.0, which depends on Rails 4.
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- find_common finder uses from_param -> friendly -> find
 - The finder needed to be refactored because with the new Friendly ID we have to use .friendly explicitly. It currently follows the strategy of searching like this:
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- Refactor fact value test to not modify user_roles directly
- Return external usergroups as an array
- Use eager_load to preload associations to be used in where
- Auto detect jenkins rake task in application.rb and set test RAILS_ENV in that case
- Reference previously undigested assets in CSS and js as digested using

- asset-url or image-url
- Adapted sprockets manifest.json instead of manifest.yml (ehelms)

Revision 9df4a434 - 12/21/2015 10:08 AM - Dominic Cleal

refs #7230 - update Foreman dependencies

History

#1 - 08/22/2014 06:40 AM - Dominic Cleal

- Blocks Tracker #3157: Rails 4.1 upgrade tasks added

#2 - 10/01/2014 07:50 AM - Ohad Levy

- translation missing: en.field_release set to 21

#3 - 10/01/2014 08:50 AM - Ohad Levy

- translation missing: en.field_release deleted (21)

#4 - 12/16/2014 07:13 AM - Tom Caspy

- Status changed from New to Ready For Testing

- Assignee set to Tom Caspy

upgraded the gemfile on <https://github.com/unorthodoxgeek/foreman/tree/rails4> - rails currently boots up. creating new tickets for fixing multiple issues which popped up once that was done.

#5 - 10/28/2015 06:11 AM - The Foreman Bot

- Pull request <https://github.com/theforeman/foreman/pull/2870> added

- Pull request deleted ()

#6 - 10/29/2015 11:16 AM - The Foreman Bot

- Assignee deleted (Tom Caspy)

#7 - 10/29/2015 11:39 AM - The Foreman Bot

- Assignee set to Tom Caspy

#8 - 11/15/2015 04:07 AM - Tomer Brisker

- Blocks Refactor #12485: Consider replacing Rails counter_cache with counter_culture gem added

#9 - 12/03/2015 10:18 AM - The Foreman Bot

- Pull request <https://github.com/theforeman/foreman-docker/pull/126> added

#10 - 12/11/2015 07:01 AM - Anonymous

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [docker:foreman-docker|c80f3b10252f1303f34b3abfdfe35ad6f6e2011c](https://github.com/theforeman/foreman-docker/commit/c80f3b10252f1303f34b3abfdfe35ad6f6e2011c).

#11 - 12/11/2015 07:08 AM - Dominic Cleal

- Status changed from Closed to Ready For Testing

- % Done changed from 100 to 0

This has not been merged to Foreman, a plugin commit erroneously "fixed" this ticket number.

#12 - 12/18/2015 04:57 AM - Dominic Cleal

- Subject changed from Upgrade Ruby on Rails to 4.0 to Upgrade Ruby on Rails to 4.1

- Assignee changed from Tom Caspy to Daniel Lobato Garcia

- translation missing: en.field_release set to 71

#13 - 12/18/2015 05:17 AM - Dominic Cleal

- Has duplicate Bug #4274: remove I18n deprecation warning when running tests added

#14 - 12/18/2015 05:17 AM - Dominic Cleal

- Has duplicate deleted (Bug #4274: remove I18n deprecation warning when running tests)

#15 - 12/18/2015 05:17 AM - Dominic Cleal

- Has duplicate Bug #4274: remove I18n deprecation warning when running tests added

#16 - 12/18/2015 05:21 AM - Dominic Cleal

- Related to Bug #10019: Compute Profile Memory options different for selected language? added

#17 - 12/18/2015 06:07 AM - Dominic Cleal

- Blocks Feature #12873: Update Rails to 4.1.latest added

#18 - 12/18/2015 06:12 AM - Dominic Cleal

- Blocks Bug #7246: Remove counter workaround for #5692 on upgrade to rails 4.x added

#19 - 12/18/2015 08:46 AM - Dominic Cleal

- Has duplicate deleted (Bug #4274: remove I18n deprecation warning when running tests)

#20 - 12/18/2015 08:46 AM - Dominic Cleal

- Related to Bug #4274: remove I18n deprecation warning when running tests added

#21 - 12/18/2015 09:01 AM - Daniel Lobato Garcia

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [fb9f45e819fbd15946084cd7cacd737dca5aa32e](https://github.com/foreman/foreman/commit/fb9f45e819fbd15946084cd7cacd737dca5aa32e).

#22 - 12/18/2015 10:11 AM - Dominic Cleal

- Related to Bug #12876: Foreman build can't find bundler 1.3 or higher on Wheezy/Precise added

#23 - 12/21/2015 01:22 AM - Ori Rabin

- Related to Bug #12891: search_by_params for host returns all hosts added

#24 - 12/21/2015 07:02 AM - Ohad Levy

- Related to Refactor #12892: move rails binaries to /bin directory added

#25 - 12/22/2015 04:19 AM - Dominic Cleal

- Related to Bug #8055: missing stylesheets in apidoc added

#26 - 12/22/2015 06:15 AM - Dominic Cleal

- Blocks Bug #12219: Test failures on Ruby 2.2 added

#27 - 01/04/2016 04:13 AM - Dominic Cleal

- Related to Bug #12977: sprockets-rails 2.2.2 or higher is needed for production assets setup added

#28 - 01/05/2016 10:16 AM - Dominic Cleal

- Related to Bug #13005: Plugin CSS assets are not minified during precompilation added

#29 - 01/07/2016 03:51 AM - Dominic Cleal

- Related to Bug #13033: plugin:gettext rake task doesn't load with gettext_i18n_rails_js 1.x added

#30 - 01/12/2016 09:16 AM - The Foreman Bot

- Pull request https://github.com/foreman/foreman_bootdisk/pull/18 added

#31 - 01/13/2016 03:26 AM - Dominic Cleal

- Related to Bug #13131: *plugin skip tests not working after rails 4 migration added*

#32 - 01/27/2016 09:49 AM - Dominic Cleal

- Related to Refactor #13409: *Remove maintain_test_schema! Rails initializer added*

#33 - 03/02/2016 10:42 AM - Dominic Cleal

- Related to Refactor #14022: *secret_key_base should be configured added*

#34 - 03/03/2016 03:29 AM - Dominic Cleal

- Related to Bug #14028: *Routing errors due to missing graphics/fonts on navigating smart-proxy page added*