Redmine - Feature #29914
Migrate to Rails 6
2018-11-06 04:06 - Go MAEDA

Status: New
Priority: Normal
Assignee:
Category: Rails support
Target version: 5.0.0

Description

Related issues:
- Related to Redmine - Defect # 27780: Attachment sort doesn't work with Unicode Added
- Related to Redmine - Feature # 31128: Drop Ruby < 2.5 support Added
- Related to Redmine - Patch # 32885: Rails 6: DEPRECATION WARNING: Single ari... Added
- Related to Redmine - Patch # 32886: Rails 6: Use #media_type instead of #cont... Added
- Related to Redmine - Patch # 32887: Rails 6: Use "render template:" instead o... Added
- Related to Redmine - Patch # 32897: Rails 6: Pass 'case_sensitive: true' opti... Reopened
- Related to Redmine - Patch # 32908: Rails 6: Sending mail with DeliveryJob is... Added
- Related to Redmine - Patch # 32909: Rails 6: use Relation#pick Added
- Related to Redmine - Patch # 32910: Rails 6: add lookup_context to hook_test.rb Added
- Related to Redmine - Patch # 32911: Rails 6: Fix deprecation warning "Class I... Closed
- Related to Redmine - Patch # 32912: Rails 6: update no longer bypass optimist... New
- Related to Redmine - Patch # 32913: Rails 6: add filename header New
- Related to Redmine - Patch # 32914: Rails 6: remove #filename_for_content_dis... New
- Related to Redmine - Patch # 32922: reload detached attachments New
- Related to Redmine - Patch # 32923: Rails 6: detach attachments when a confli... New
- Related to Redmine - Patch # 32921: Rails 6: add header=present to csv tests New
- Related to Redmine - Patch # 32935: Rails 6: fix set role_ids New
- Related to Redmine - Patch # 32936: Rails 6: disable AJ test adapter for inte... New
- Related to Redmine - Patch # 32937: test_revisions_latin_1_identifier should ... Closed
- Related to Redmine - Feature # 32938: Rails 6: Zeitwerk support New
- Related to Redmine - Patch # 32939: Rails 6: fix plugin migrations New
- Blocked by Redmine - Patch # 31919: Update roadie-rails gem (~ > 2.1.0) Closed

Associated revisions
Revision 18375 - 2019-08-17 10:14 - Go MAEDA

- Code cleanup: RuboCop: Rails/ActiveRecordAliases

update_attributes is deprecated in Rails 6.0 and will be removed in Rails 6.1 (#29914).

History
#1 - 2018-11-06 04:07 - Go MAEDA
- Related to Defect #27780: Attachment sort doesn't work with Unicode added

#2 - 2019-04-01 00:32 - Marius BALTEANU
- Related to Feature #31128: Drop Ruby < 2.5 support added

#3 - 2019-06-20 16:16 - Go MAEDA
- Target version changed from Unplanned backlogs to 5.0.0
Rails 6?

Please carefully, because Rails 6 drops sprockets assets and use Webpack default.

In the wonderland, Redmine converts to the frontend with Angular/Reactjs/Vue, it's my dream.

#5 - 2019-08-17 05:50 - Go MAEDA
- Blocked by Patch #31919: Update roadie-rails gem (~> 2.1.0) added

#6 - 2019-08-18 17:04 - Marius BALTEANU

Rails 6 is released: [https://weblog.rubyonrails.org/2019/8/18/this-week-in-rails-rails-6-is-released-sass-rails-6-improved-mysql2-error-and-more/](https://weblog.rubyonrails.org/2019/8/18/this-week-in-rails-rails-6-is-released-sass-rails-6-improved-mysql2-error-and-more/)

#7 - 2020-01-10 03:39 - Tigergm Wu

Yes, I hope so.

Enziin System wrote:

```
Rails 6?

Please carefully, because Rails 6 drops sprockets assets and use Webpack default.

In the wonderland, Redmine converts to the frontend with Angular/Reactjs/Vue, it's my dream.
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#8 - 2020-01-26 10:07 - Go MAEDA
- Related to Patch #32885: Rails 6: DEPRECATION WARNING: Single arity template handlers are deprecated added

#9 - 2020-01-26 15:41 - Go MAEDA
- Related to Patch #32886: Rails 6: Use `#media_type` instead of `#content_type` to test the MIME type of a response added

#10 - 2020-01-26 23:12 - Go MAEDA
- Related to Patch #32887: Rails 6: Use "render template:" instead of "render file:" in app/views/layouts/admin.html.erb added

#11 - 2020-01-27 05:31 - Go MAEDA
- File 32886-wip-r19467.patch added

I started work on this issue.

Here is the very first version of the work-in-progress patch but there are still many errors.

4936 runs, 22346 assertions, 34 failures, 42 errors, 7 skips

Please feel free to update the patch. Your help is highly appreciated!
Go MAEDA wrote:

I started work on this issue.

Here is the very first version of the work-in-progress patch but there are still many errors.

[...]

Please feel free to update the patch. Your help is highly appreciated!

I'm willing to help with this, but I think we should have first a decision (from Jean-Philippe, I guess) regarding next Redmine major version. If we're going to update to Rails 6, we should merge version 4.2.0 to 5.0.0.

Considering the time frame of the major releases, I'm in favour of Redmine 5.0.0 with support for Rails 6.

#13 - 2020-01-27 23:07 - Marius BALTEANU

- Related to Patch #32897: Rails 6: Pass 'case_sensitive: true' option explicitly to the uniqueness validator added

#14 - 2020-01-28 06:34 - Go MAEDA

Marius BALTEANU wrote:

I'm willing to help with this, but I think we should have first a decision (from Jean-Philippe, I guess) regarding next Redmine major version. If we're going to update to Rails 6, we should merge version 4.2.0 to 5.0.0.

I agree. Redmine 5.0.0 is the appropriate version to switch to Rails 6 and this should be decided by Jean-Philippe Lang.

But while waiting for Jean-Philippe's decision, we can prepare for moving to Rails 6. And I think we should do it to quickly switch to Rails 6 once JPL decided to do.

I think we should move to Rails 6 as soon as we can because the Rails team no longer provides bug fixes for Rails 5.2 except for security fixes. The negative impacts of that are already happening. For example, Redmine does not support Ruby 2.7 because Rails 5.2 does not. And probably Rails 5.2 will never support 2.7.

So, I think we should prepare for Rails 6 in parallel with waiting for the decision.

#15 - 2020-01-28 14:57 - Aleksandar Pavic

+1 however I guess lot's of plugin developers will need to be notified and start their upgrades as well...

#16 - 2020-01-28 22:51 - Marius BALTEANU

Go MAEDA wrote:

I agree. Redmine 5.0.0 is the appropriate version to switch to Rails 6 and this should be decided by Jean-Philippe Lang.
But while waiting for Jean-Philippe's decision, we can prepare for moving to Rails 6. And I think we should do it to quickly switch to Rails 6 once JPL decided to do.

I think we should move to Rails 6 as soon as we can because the Rails team no longer provides bug fixes for Rails 5.2 except for security fixes. The negative impacts of that are already happening. For example, Redmine does not support Ruby 2.7 because Rails 5.2 does not. And probably Rails 5.2 will never support 2.7.

So, I think we should prepare for Rails 6 in parallel with waiting for the decision.

Let's do it then. I've prepared this branch on my Gitlab CI instance, it should be easier to track the test fails.

As next steps, I propose to open issues for all fails and deprecation warnings and to discuss there the fixes. I expect to get some feedback from other active contributors.

#17 - 2020-01-28 23:02 - Marius BALTEANU
- Related to Patch #32908: Rails 6: Sending mail with DeliveryJob is deprecated added

#18 - 2020-01-29 08:23 - Marius BALTEANU
- Related to Patch #32909: Rails 6: use Relation#pick added

#19 - 2020-01-29 08:24 - Marius BALTEANU
- Related to Patch #32910: Rails 6: add lookup_context to hook_test.rb added

#20 - 2020-01-29 08:24 - Marius BALTEANU
- Related to Patch #32911: Rails 6: Fix deprecation warning "Class level methods will no longer inherit scoping" added

#21 - 2020-01-29 08:24 - Marius BALTEANU
- Related to Patch #32912: Rails 6: update no longer bypass optimistic locking added

#22 - 2020-01-29 08:24 - Marius BALTEANU
- Related to Patch #32913: Rails 6: add filename header added

#23 - 2020-01-29 08:24 - Marius BALTEANU
- Related to Patch #32914: Rails 6: remove filename_for_content_disposition for MS browsers added

#24 - 2020-01-30 08:14 - Marius BALTEANU
- Related to Patch #32922: reload detached attachments added

#25 - 2020-01-30 08:20 - Marius BALTEANU
- Related to Patch #32923: Rails 6: detach attachments when a conflict occurs added

#26 - 2020-01-30 08:21 - Marius BALTEANU
- Related to Patch #32921: Rails 6: add header=present to csv tests added

#27 - 2020-02-03 03:05 - Pavel Rosický

all tests should be passing now

#28 - 2020-02-03 23:55 - Marius BALTEANU
- Related to Patch #32935: Rails 6: fix set role_ids added
#29 - 2020-02-03 23:56 - Marius BALTEANU
- Related to Patch #32936: Rails 6: disable AJ test adapter for integration tests added

#30 - 2020-02-03 23:56 - Marius BALTEANU
- Related to Patch #32937: test_revisions_latin_1_identifier should be skipped on Windows added

#31 - 2020-02-03 23:56 - Marius BALTEANU
- Related to Feature #32938: Rails 6: Zeitwerk support added

#32 - 2020-02-03 23:57 - Marius BALTEANU
- Related to Patch #32939: Rails 6: fix plugin migrations added

Files

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<thead>
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<th>File Name</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
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<td>32886-wip-r19467.patch</td>
<td>1.79 KB</td>
<td>2020-01-27</td>
<td>Go MAEDA</td>
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