

## Redmine - Feature #29914

### Migrate to Rails 6.1 with Zeitwerk autoloading

2018-11-06 04:06 - Go MAEDA

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Go MAEDA	<b>% Done:</b>	0%
<b>Category:</b>	Rails support	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	5.0.0		
<b>Resolution:</b>	Fixed		
<b>Description</b>			
<b>Related issues:</b>			
Related to Redmine - Feature #31128: Drop Ruby < 2.5 support		Closed	
Related to Redmine - Defect #32885: Rails 6: DEPRECATION WARNING: Single arit...		Closed	
Related to Redmine - Patch #32886: Rails 6: Use #media_type instead of #conte...		Closed	
Related to Redmine - Patch #32887: Rails 6: Use "render template:" instead of...		Closed	
Related to Redmine - Defect #32897: Rails 6: Pass `case_sensitive: true` opti...		Closed	
Related to Redmine - Defect #32908: Rails 6: Sending mail with DeliveryJob is...		Closed	
Related to Redmine - Patch #32909: Replace pluck().first with pick()		Closed	
Related to Redmine - Defect #32910: Rails 6: add lookup_context to hook_test.rb		Closed	
Related to Redmine - Patch #32911: Rails 6: Fix deprecation warning "Class le...		Closed	
Related to Redmine - Defect #32912: Rails 6: update no longer bypass optimist...		Closed	
Related to Redmine - Defect #32913: Rails 6: add filename header		Closed	
Related to Redmine - Defect #32914: Rails 6: remove #filename_for_content_dis...		Closed	
Related to Redmine - Patch #32922: Reload detached attachments		Closed	
Related to Redmine - Defect #32923: Rails 6: detach attachments when a confli...		Closed	
Related to Redmine - Defect #32921: Rails 6: add header=present to csv tests		Closed	
Related to Redmine - Defect #32935: Rails 6: fix set role_ids		Closed	
Related to Redmine - Defect #32936: Rails 6: disable AJ test adapter for inte...		Closed	
Related to Redmine - Patch #32937: test_revisions_latin_1_identifier should b...		Closed	
Related to Redmine - Feature #32938: Rails 6: Zeitwerk support		Closed	
Related to Redmine - Defect #32939: Rails 6: fix plugin migrations		Closed	
Related to Redmine - Defect #34980: Fix "undefined method `represent_boolean_...		Closed	
Related to Redmine - Defect #34985: Rails 6.1 replace ActiveRecord::Errors #<...>		Closed	
Related to Redmine - Defect #34984: Rails 6.1 Rendering actions with '.' in t...		Closed	
Related to Redmine - Feature #34987: Rails 6.1 destroy async		New	
Related to Redmine - Defect #35002: Fix MS SQL on Rails 6.1		Closed	
Related to Redmine - Defect #35003: Update Rails UJS		Closed	
Related to Redmine - Defect #35004: DEPRECATION WARNING during startup		Closed	
Related to Redmine - Defect #35005: RuntimeError "Couldn't find Active Stora...		Closed	
Related to Redmine - Patch #35081: Update config/environments/*.rb for Rails 6.1		Closed	
Related to Redmine - Patch #35466: Rename test/fixtures/configuration/*.yml.e...		Closed	
Related to Redmine - Defect #36218: Plugin assets are not copied correctly in...		Closed	
Related to Redmine - Defect #36273: Modifying the source code of a plugin doe...		Closed	
Blocked by Redmine - Patch #31919: Update roadie-rails gem (~> 2.1.0)		Closed	
Blocks Redmine - Feature #34992: Ruby 3.0 support		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).

**Revision 20879 - 2021-04-01 16:29 - Go MAEDA**

Gemfile: Update Rails to 6.1 (#29914).

**Revision 20880 - 2021-04-01 16:32 - Go MAEDA**

DEPRECATION WARNING: Uniqueness validator will no longer enforce case sensitive comparison in Rails 6.1. (#29914, #32897).

Patch by Marius BALTEANU.

**Revision 20881 - 2021-04-01 16:34 - Go MAEDA**

Fix "undefined method for nil:NilClass" in Rails 6.1 (#29914, #34980).

Patch by Marius BALTEANU.

**Revision 20882 - 2021-04-01 16:41 - Go MAEDA**

Fix sending mail with DeliveryJob is deprecated (#29914, #32908).

Patch by Pavel Rosický.

**Revision 20883 - 2021-04-01 16:46 - Go MAEDA**

Fix Subclasses must implement a find\_templates(name, prefix, partial, details, locals = []) method (#29914).

Patch by Go MAEDA.

**Revision 20884 - 2021-04-01 16:48 - Go MAEDA**

Fix "ActiveRecord::StaleObjectError: Attempted to update a stale object: Issue." (#29914, #32912).

Patch by Pavel Rosický.

**Revision 20885 - 2021-04-01 16:53 - Go MAEDA**

Fix "DEPRECATION WARNING: Passing a path to relative to is deprecated." (#29914).

Patch by Marius BALTEANU.

**Revision 20886 - 2021-04-01 16:54 - Go MAEDA**

Fix "ActionView::Template::Error (wrong number of arguments (given 2, expected 1))" (#29914).

Patch by Marius BALTEANU.

**Revision 20887 - 2021-04-01 16:59 - Go MAEDA**

Rails 6.1: add header=present to csv tests (#29914, #32921).

Patch by Pavel Rosický.

**Revision 20888 - 2021-04-01 17:02 - Go MAEDA**

Fix "ArgumentError: wrong number of arguments (given 1, expected 2) on Redmine::PluginTest#test\_migrate\_redmine\_plugin" (#29914, #32939).

Patch by Pavel Rosický.

**Revision 20889 - 2021-04-01 17:05 - Go MAEDA**

Fix ArgumentError: wrong number of arguments (given 1, expected 3) (#29914).

Patch by Marius BALTEANU.

**Revision 20890 - 2021-04-01 17:06 - Go MAEDA**

Use media\_type to get the MIME type of the request (#29914).

Patch by Marius BALTEANU.

**Revision 20891 - 2021-04-01 17:16 - Go MAEDA**

Add filename header (#29914, #32913).

Patch by Pavel Rosický.

**Revision 20892 - 2021-04-01 17:19 - Go MAEDA**

Remove #filename\_for\_content\_disposition for MS browsers (#29914, #32914).

Patch by Pavel Rosický.

**Revision 20893 - 2021-04-01 17:22 - Go MAEDA**

Disable TestAdapter on IntegrationTest (#29914, #32936).

Patch by Pavel Rosický.

**Revision 20894 - 2021-04-01 17:25 - Go MAEDA**

Fix detach attachments when a conflict occurs (#29914, #32923).

Patch by Pavel Rosický.

**Revision 20895 - 2021-04-01 17:27 - Go MAEDA**

Fix "DEPRECATION WARNING: Rendering actions with '.' in the name is deprecated: common/error\_messages.api" (#29914, #34985).

Patch by Pavel Rosický.

**Revision 20896 - 2021-04-01 17:34 - Go MAEDA**

Reverts r20895 (#29914, #34985).

Wrong issue number.

**Revision 20897 - 2021-04-01 17:36 - Go MAEDA**

Fix "DEPRECATION WARNING: Rendering actions with '.' in the name is deprecated: common/error\_messages.api" (#29914, #34984).

Patch by Pavel Rosický.

**Revision 20898 - 2021-04-01 17:41 - Go MAEDA**

Fix "DEPRECATION WARNING: Calling '<<' to an ActiveModel::Errors message array in order to add an error is deprecated." (#29914, #34985).

**Revision 20899 - 2021-04-01 17:45 - Go MAEDA**

Rails 6.1: fix set roleids (#29914, #32935).

Patch by Pavel Rosický.

**Revision 20900 - 2021-04-01 17:48 - Go MAEDA**

Update activerecord-sqlserver-adapter to 6.0.1 (#29914).

**Revision 20901 - 2021-04-01 18:06 - Go MAEDA**

Fix a test failure caused by an assert forgotten to be deleted (#29914, #32913).

**Revision 20906 - 2021-04-03 03:06 - Go MAEDA**

RuntimeError "Couldn't find Active Storage configuration" is raised at startup (#29914, #35005).

**Revision 20908 - 2021-04-03 03:38 - Go MAEDA**

Set TargetRailsVersion of RuboCop to 6.1 (#29914).

**Revision 20937 - 2021-04-13 07:32 - Go MAEDA**

Update Rails UJS to 6.1.3.1 (#29914, #35003).

Patch by Marius BALTEANU.

**Revision 20938 - 2021-04-13 07:42 - Go MAEDA**

set svn:eol-style to native (#29914, #35003).

**Revision 20983 - 2021-05-06 02:34 - Go MAEDA**

Update Rails to 6.1.3.2 (#29914).

**Revision 21029 - 2021-06-09 01:11 - Marius BĂLTEANU**

Update activerecord-sqlserver-adapter gem to 6.1.0 (#29914, #35002).

**Revision 21049 - 2021-06-26 03:02 - Go MAEDA**

Update Rails to 6.1.4 (#29914).

**Revision 21199 - 2021-08-23 14:48 - Go MAEDA**

Update Rails to 6.1.4.1 (#29914).

**Revision 21251 - 2021-10-21 00:02 - Marius BĂLTEANU**

Fix rubocop "Style/CombinableLoops" offense in wiki\_page.rb (#29914, #32938).

**Revision 21252 - 2021-10-21 00:18 - Marius BĂLTEANU**

Split multiple classes and modules that existed in the same file (#29914, #32938).

Patch by Mizuki ISHIKAWA.

**Revision 21253 - 2021-10-21 00:21 - Marius BĂLTEANU**

Update .rubocop\_todo and fix Style/AndOr offense (#29914, #32938).

**Revision 21254 - 2021-10-21 08:30 - Marius BĂLTEANU**

Revert changes made in r21251 due to a test fail (#29914, #32938).

**Revision 21258 - 2021-10-24 11:57 - Marius BĂLTEANU**

Move custom DateValidator from lib/redmine/core\_ext/active\_record.rb to app/validators/date\_validator.rb (#29914, #32938).

**Revision 21259 - 2021-10-24 12:05 - Marius BĂLTEANU**

Extract Diff and DiffTable from lib/redmine/unified\_diff.rb to their own files (#29914, #32938).

**Revision 21260 - 2021-10-24 12:45 - Marius BĂLTEANU**

Extract Shell and DateCalculation classes from lib/redmine/utils.rb to their own files (#29914, #32938).

**Revision 21261 - 2021-10-24 12:46 - Marius BĂLTEANU**

Remove extra blank line (#29914, #32938).

**Revision 21262 - 2021-10-27 22:42 - Marius BĂLTEANU**

Move lib/diff.rb to lib/redmine/string\_array\_diff and extract Diffable class to its own file (#29914, #32938).

**Revision 21263 - 2021-10-27 22:43 - Marius BĂLTEANU**

Remove extra blank line (#29914, #32938).

**Revision 21264 - 2021-10-27 22:52 - Marius BĂLTEANU**

Use full full path for require (#29914, #32938).

Patch by Takashi Kato.

**Revision 21265 - 2021-10-27 22:53 - Marius BĂLTEANU**

Add require to acts\_as\_tree (#29914, #32938).

Patch by Takashi Kato.

**Revision 21267 - 2021-10-28 00:27 - Marius BĂLTEANU**

Rename CoreExtensions to CoreExt (#29914, #32938).

**Revision 21283 - 2021-11-17 21:36 - Marius BĂLTEANU**

Extract Redmine::PluginLoader from Redmine::Plugin (#32938).

Patch by Takashi Kato.

**Revision 21284 - 2021-11-17 21:45 - Marius BĂLTEANU**

Move preparation code to redmine/preparation.rb (#29914, #32938).

Patch by Takashi Kato.

**Revision 21285 - 2021-11-17 21:47 - Marius BĂLTEANU**

Add core extensions in prepare method (#29914, #32938).

Patch by Takashi Kato.

**Revision 21286 - 2021-11-17 21:52 - Marius BĂLTEANU**

Load core plugins using require (#29914, #32938).

Patch by Takashi Kato.

**Revision 21287 - 2021-11-17 21:55 - Marius BĂLTEANU**

Switch to zeitwerk autoloader (#29914, #32938).

Patch by Takashi Kato.

**Revision 21288 - 2021-11-17 22:08 - Marius BĂLTEANU**

Remove invalid require (#29914, #32938).

**Revision 21289 - 2021-11-18 00:50 - Marius BĂLTEANU**

Updates .rubocop\_todo.yml (#29914, #32938).

**Revision 21295 - 2021-11-25 22:34 - Marius BĂLTEANU**

Fix plugin assets are no longer copied under plugin name (#36218, #29914, #32938).

**Revision 21315 - 2021-12-15 01:49 - Go MAEDA**

Update Rails to 6.1.4.3 (#29914).

**Revision 21316 - 2021-12-16 01:08 - Go MAEDA**

Update Rails to 6.1.4.4 (#29914).

**Revision 21408 - 2022-02-12 07:04 - Go MAEDA**

Update Rails to 6.1.4.6 (#29914).

**Revision 21453 - 2022-03-12 06:34 - Go MAEDA**

Update Rails to 6.1.4.7 (#29914).

## History

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**#1 - 2018-11-06 04:07 - Go MAEDA**

- Related to Defect #27780: Case-insensitive matching fails for Unicode filenames when referring to attachments in text formatting added

**#2 - 2019-04-01 00:32 - Marius BĂLTEANU**

- 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

**#4 - 2019-07-01 14:43 - Enziin System**

Rails 6?

Please carefully, because Rails 6 drop 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 BĂLTEANU**

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/>

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

Yes. I hope so.

Enziin System wrote:

Rails 6?

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

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

**#8 - 2020-01-26 10:07 - Go MAEDA**

- Related to Defect #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!

**#12 - 2020-01-27 18:00 - Marius BĂLTEANU**

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 BĂLTEANU**

- Related to Defect #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 BĂLTEANU**

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 BĂLTEANU**

- Related to Defect #32908: Rails 6: Sending mail with DeliveryJob is deprecated added

#### **#18 - 2020-01-29 08:23 - Marius BĂLTEANU**

- Related to Patch #32909: Replace pluck().first with pick() added

#### **#19 - 2020-01-29 08:24 - Marius BĂLTEANU**

- Related to Defect #32910: Rails 6: add lookup\_context to hook\_test.rb added

#### **#20 - 2020-01-29 08:24 - Marius BĂLTEANU**

- 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 BĂLTEANU**

- Related to Defect #32912: Rails 6: update no longer bypass optimistic locking added

#### **#22 - 2020-01-29 08:24 - Marius BĂLTEANU**

- Related to Defect #32913: Rails 6: add filename header added

#### **#23 - 2020-01-29 08:24 - Marius BĂLTEANU**

- Related to Defect #32914: Rails 6: remove #filename\_for\_content\_disposition for MS browsers added

#### **#24 - 2020-01-30 08:14 - Marius BĂLTEANU**

- Related to Patch #32922: Reload detached attachments added

#### **#25 - 2020-01-30 08:20 - Marius BĂLTEANU**

- Related to Defect #32923: Rails 6: detach attachments when a conflict occurs added

#### **#26 - 2020-01-30 08:21 - Marius BĂLTEANU**

- Related to Defect #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 BĂLTEANU**

- Related to Defect #32935: Rails 6: fix set role\_ids added

**#29 - 2020-02-03 23:56 - Marius BĂLTEANU**

- Related to Defect #32936: Rails 6: disable AJ test adapter for integration tests added

**#30 - 2020-02-03 23:56 - Marius BĂLTEANU**

- Related to Patch #32937: test\_revisions\_latin\_1\_identifier should be skipped on Windows added

**#31 - 2020-02-03 23:56 - Marius BĂLTEANU**

- Related to Feature #32938: Rails 6: Zeitwerk support added

**#32 - 2020-02-03 23:57 - Marius BĂLTEANU**

- Related to Defect #32939: Rails 6: fix plugin migrations added

**#33 - 2020-10-21 04:48 - Go MAEDA**

- Related to deleted (Defect #27780: Case-insensitive matching fails for Unicode filenames when referring to attachments in text formatting)

**#34 - 2020-11-19 14:30 - Petr Pospisil**

Hello all,

I would like to offer you our help to speed up migration to Rails 6. If you are interested in, please contact me. I have several experienced Redmine developers that should help to move Redmine forward. We can setup a plan and deliver issues done. I know we can send a patch, but I am talking about closer cooperation.

Thank you  
Petr

**#35 - 2021-03-29 22:17 - Marius BĂLTEANU**

- Related to Defect #34980: Fix "undefined method `represent\_boolean\_as\_integer=' for nil:NilClass" in Rails 6.1 added

**#36 - 2021-03-30 12:20 - Marius BĂLTEANU**

- Related to Defect #34985: Rails 6.1 replace ActiveRecord::Errors #<< with #add added

**#37 - 2021-03-30 12:21 - Marius BĂLTEANU**

- Related to Defect #34984: Rails 6.1 Rendering actions with '.' in the name is deprecated added

**#38 - 2021-03-30 18:42 - Marius BĂLTEANU**

- File 0010-Fix-ArgumentError-wrong-number-of-arguments-given-1-.patch added
- File 0009-Fix-ArgumentError-wrong-number-of-arguments-given-1-.patch added
- File 0008-Rails-6.1-add-header-present-to-csv-tests-29914-3292.patch added
- File 0007-Fix-ActionView-Template-Error-wrong-number-of-argume.patch added
- File 0006-Fix-DEPRECATION-WARNING-Passing-a-path-to-relative-t.patch added
- File 0005-Fix-ActiveRecord-StateObjectError-Attempted-to-updat.patch added
- File 0004-Fix-Subclasses-must-implement-a-find\_templates-name-.patch added
- File 0003-Fix-sending-mail-with-DeliveryJob-is-deprecated-2991.patch added
- File 0002-Fix-undefined-method-for-nil-NilClass-in-Rails-6.1-2.patch added
- File 0001-Fix-DEPRECATION-WARNING-Uniqueness-validator-will-no.patch added

I'm attaching a patch series (19) that updates Rails to 6.1.3.1 and fixes all the tests on [MySQL](#) and [PostgreSQL](#). MS SQL support is broken for now because the gem supports only Rails 6.0, but I'm confident that will be fixed in the following weeks (there are active discussions/PRs).

My proposal is to have these patches committed as soon as possible in order to have enough time to catch and fix other issues caused by this update (this apply also for plugin developers) and to discuss the other improvements that Rails 6.0/6.1 are adding. In the meanwhile, to track the changes easily, I've changed from Patch to Defect all those tickets that are a must for this update (and for which we have patches attached here).



Thanks again Pavel Rosický for your work on this!

**#39 - 2021-03-30 18:42 - Marius BĂLTEANU**

- *File 0019-Update-activerecord-sqlserver-adapter-to-6.0.1.patch added*
- *File 0018-Rails-6.1-fix-set-roleids-29914-32935.patch added*
- *File 0017-Fix-DEPRECATION-WARNING-Calling-to-an-ActiveModel-Er.patch added*
- *File 0016-Fix-DEPRECATION-WARNING-Rendering-actions-with-.-in-.patch added*
- *File 0015-Fix-detach-attachments-when-a-conflict-occurs-29914-.patch added*
- *File 0014-Disable-TestAdapter-on-IntegrationTest-29914-32936.patch added*
- *File 0013-Remove-filename\_for\_content\_disposition-for-MS-brows.patch added*
- *File 0012-Add-filename-header-29914-32913.patch added*
- *File 0011-Use-media\_type-to-get-the-MIME-type-of-the-request-2.patch added*

Batch 2.

**#40 - 2021-03-31 02:29 - Go MAEDA**

Thank you all for working on this.

Marius BALTEANU wrote:

My proposal is to have these patches committed as soon as possible in order to have enough time to catch and fix other issues caused by this update (this applies also for plugin developers) and to discuss the other improvements that Rails 6.0/6.1 are adding.

I agree. Support for Rails 5.2 will end when Rails 7.0 is released (maybe this year?). So we need to migrate to Rails 6 as soon as possible.

I will commit the patches contributed by Pavel Rosický and Marius BALTEANU in the coming days.

**#41 - 2021-03-31 08:25 - Marius BĂLTEANU**

- *Subject changed from Migrate to Rails 6 to Migrate to Rails 6.1*

**#42 - 2021-03-31 08:25 - Marius BĂLTEANU**

- *Related to Feature #34987: Rails 6.1 destroy async added*

**#43 - 2021-03-31 08:41 - Go MAEDA**

- *Blocks Feature #34992: Ruby 3.0 support added*

**#44 - 2021-04-01 09:58 - Go MAEDA**

The following error was reported while running the test suite.

```
Failure:
RepositoriesSubversionControllerTest#test_entry_download [/Users/maeda/redmines/trunk/test/functional/repositories_subversion_controller_test.rb:332]:
--- expected
+++ actual
@@ -1,1 @@
-"attachment; filename=\"helloworld.c\""
+"attachment; filename=\"helloworld.c\"; filename*=UTF-8''helloworld.c"

rails test test/functional/repositories_subversion_controller_test.rb:318
```

**#45 - 2021-04-01 10:29 - Go MAEDA**

Go MAEDA wrote:

The following error was reported while running the test suite.

[...]

I will fix RepositoriesSubversionControllerTest#test\_entry\_download when I commit [0012-Add-filename-header-29914-32913.patch](#)

**#46 - 2021-04-01 18:12 - Go MAEDA**

Committed 19 patches attached to [#29914#note-38](#) and [#29914#note-39](#) (r20879 .. r20901).

#### #47 - 2021-04-02 02:35 - Yuichi HARADA

Updating activerecord-sqlserver-adapter with [r20900](#), but when I execute bundle update, the following error occurs.

```
% bundle update
Fetching gem metadata from https://rubygems.org/.....
Resolving dependencies...
Bundler could not find compatible versions for gem "activerecord":
  In Gemfile:
    activerecord-sqlserver-adapter (~> 6.0.1) was resolved to 6.0.1, which depends on
      activerecord (~> 6.0.0)

    rails (= 6.1.3.1) was resolved to 6.1.3.1, which depends on
      activerecord (= 6.1.3.1)
```

#### #48 - 2021-04-02 02:47 - Pavel Rosický

[👀 👀](#) activerecord-sqlserver-adapter doesn't support Rails 6.1 yet, but there's an open PR <https://github.com/rails-sqlserver/activerecord-sqlserver-adapter/pull/861>

it would be nice if someone could run tests on it.

#### #49 - 2021-04-02 03:17 - Yuichi HARADA

Pavel Rosický wrote:

[👀 👀](#) activerecord-sqlserver-adapter doesn't support Rails 6.1 yet, but there's an open PR <https://github.com/rails-sqlserver/activerecord-sqlserver-adapter/pull/861>

it would be nice if someone could run tests on it.

Thank you for teaching me. I hope it will be resolved by the time Redmine 5.0 is released.

#### #50 - 2021-04-02 07:57 - Marius BĂLTEANU

- Related to Defect #35002: Fix MS SQL on Rails 6.1 added

#### #51 - 2021-04-02 07:57 - Marius BĂLTEANU

I've created [#35002](#) to track the compatibility with MS SQL.

#### #52 - 2021-04-02 08:07 - Marius BĂLTEANU

- Related to Defect #35003: Update Rails UJS added

#### #53 - 2021-04-02 09:26 - Go MAEDA

- Related to Defect #35004: DEPRECATION WARNING during startup added

#### #54 - 2021-04-02 10:14 - Go MAEDA

- Related to Defect #35005: RuntimeError "Couldn't find Active Storage configuration" is raised at startup added

#### #55 - 2021-04-02 22:49 - Marius BĂLTEANU

- File 0001-Update-TargetRailsVersion-to-6.1.patch added

We should update Rubocop TargetRailsVersion to 6.1

#### #56 - 2021-04-03 03:38 - Go MAEDA

Marius BALTEANU wrote:

We should update Rubocop TargetRailsVersion to 6.1

Done in [r20908](#).

#### #57 - 2021-04-13 04:22 - Go MAEDA

- Related to Patch #35081: Update config/environments/\*.rb for Rails 6.1 added

**#58 - 2021-06-26 06:29 - Go MAEDA**

- Related to Patch #35466: Rename test/fixtures/configuration/\*.yml.example to test/fixtures/files/configuration/\*.yml added

**#59 - 2021-11-18 00:38 - Marius BĂLTEANU**

- Subject changed from Migrate to Rails 6.1 to Migrate to Rails 6.1 with Zeitwerk autoloading
- Assignee set to Go MAEDA
- Resolution set to Fixed

Now that we switched to Zeitwerk autoloader ([#32938](#)), we can consider the migration to Rails 6.1 completed.

Thanks again for all the help!

**#60 - 2021-11-18 00:38 - Marius BĂLTEANU**

- Status changed from New to Closed

**#61 - 2021-11-25 22:35 - Marius BĂLTEANU**

- Related to Defect #36218: Plugin assets are not copied correctly in trunk r21289 added

**#62 - 2021-12-15 01:58 - Go MAEDA**

Updated Rails to 6.1.4.3 in [r21315](#).

Rails 6.1.4.2 fixes [CVE-2021-44528](#). 6.1.4.3 fixes a bug that exists only in 6.1.4.2.

<https://weblog.rubyonrails.org/2021/12/14/Rails-6-0-4-2-6-1-4-2-and-7-0-0-rc2-have-been-released/>  
<https://weblog.rubyonrails.org/2021/12/14/Rails-6-0-4-3-6-1-4-3-and-7-0-0-rc3-have-been-released/>

**#63 - 2021-12-16 01:09 - Go MAEDA**

Updated Rails to 6.1.4.4 in [r21316](#).  
<https://weblog.rubyonrails.org/2021/12/15/Rails-6-0-4-4-and-6-1-4-4-have-been-released/>

**#64 - 2022-12-18 09:36 - Go MAEDA**

- Related to Defect #36273: Modifying the source code of a plugin does not reload it after r21295 added

**Files**

32886-wip-r19467.patch	1.79 KB	2020-01-27	Go MAEDA
0010-Fix-ArgumentError-wrong-number-of-arguments-given-1-.patch	1.03 KB	2021-03-30	Marius BĂLTEANU
0009-Fix-ArgumentError-wrong-number-of-arguments-given-1-.patch	1.86 KB	2021-03-30	Marius BĂLTEANU
0008-Rails-6.1-add-header-present-to-csv-tests-29914-3292.patch	10.7 KB	2021-03-30	Marius BĂLTEANU
0007-Fix-ActionView-Template-Error-wrong-number-of-argume.patch	940 Bytes	2021-03-30	Marius BĂLTEANU
0006-Fix-DEPRECATION-WARNING-Passing-a-path-to-relative-t.patch	772 Bytes	2021-03-30	Marius BĂLTEANU
0005-Fix-ActiveRecord-StaleObjectError-Attempted-to-updat.patch	3.78 KB	2021-03-30	Marius BĂLTEANU
0004-Fix-Subclasses-must-implement-a-find_templates-name-.patch	1.13 KB	2021-03-30	Marius BĂLTEANU
0003-Fix-sending-mail-with-DeliveryJob-is-deprecated-2991.patch	3.77 KB	2021-03-30	Marius BĂLTEANU
0002-Fix-undefined-method-for-nil-NilClass-in-Rails-6.1-2.patch	922 Bytes	2021-03-30	Marius BĂLTEANU
0001-Fix-DEPRECATION-WARNING-Uniqueness-validator-will-no.pat	10.6 KB	2021-03-30	Marius BĂLTEANU
0018-Rails-6.1-fix-set-roleids-29914-32935.patch	666 Bytes	2021-03-30	Marius BĂLTEANU
0019-Update-activerecord-sqlserver-adapter-to-6.0.1.patch	987 Bytes	2021-03-30	Marius BĂLTEANU
0017-Fix-DEPRECATION-WARNING-Calling-to-an-ActiveModel-Err	885 Bytes	2021-03-30	Marius BĂLTEANU
0015-Fix-detach-attachments-when-a-conflict-occurs-29914-.patch	896 Bytes	2021-03-30	Marius BĂLTEANU
0014-Disable-TestAdapter-on-IntegrationTest-29914-32936.patch	741 Bytes	2021-03-30	Marius BĂLTEANU
0016-Fix-DEPRECATION-WARNING-Rendering-actions-with-.-in-.patch	1.8 KB	2021-03-30	Marius BĂLTEANU
0013-Remove-filename_for_content_disposition-for-MS-brows.patch	2.9 KB	2021-03-30	Marius BĂLTEANU
0011-Use-media_type-to-get-the-MIME-type-of-the-request-2.patch	1005 Bytes	2021-03-30	Marius BĂLTEANU
0012-Add-filename-header-29914-32913.patch	3.27 KB	2021-03-30	Marius BĂLTEANU
0001-Update-TargetRailsVersion-to-6.1.patch	570 Bytes	2021-04-02	Marius BĂLTEANU