

## Redmine - Feature #4796

### Rails 3 support

2010-02-10 23:01 - Eric Davis

<b>Status:</b>	Closed	<b>Start date:</b>	2010-02-10
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	100%
<b>Category:</b>	Rails support	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.0.0		
<b>Resolution:</b>	Fixed		
<b>Description</b>			
Migrate Redmine to Rails 3 once Rails is out of beta. Must make sure Redmine plugins are still <b>functional</b> and can be ported easily from Rails 2.x.			
<ul style="list-style-type: none"><li>• <a href="http://guides.rails.info/3_0_release_notes.html">http://guides.rails.info/3_0_release_notes.html</a></li><li>• <a href="http://twitter.com/bitsweat/statuses/5626354036">http://twitter.com/bitsweat/statuses/5626354036</a></li></ul>			
<b>Related issues:</b>			
Related to Redmine - Defect #8421: REST API may produce invalid json		<b>Closed</b>	<b>2011-05-21</b>
Related to Redmine - Feature #4005: Setup shoulda to make it easier to test		<b>Closed</b>	<b>2009-10-08</b>
Related to Redmine - Defect #8989: r6351 causes unexpected chars to be displa...		<b>Closed</b>	<b>2011-08-05</b>
Related to Redmine - Defect #8751: Email notification: bug, when number of re...		<b>Closed</b>	<b>2011-07-06</b>
Related to Redmine - Patch #6317: Template names conventions		<b>Closed</b>	<b>2010-09-07</b>
Related to Redmine - Defect #9252: Regression: application title escaped 2 times		<b>Closed</b>	<b>2011-09-15</b>
Related to Redmine - Feature #9759: HTML minification and compression		<b>New</b>	

#### Associated revisions

##### Revision 6412 - 2011-08-06 02:49 - Toshi MARUYAMA

replace « and » at app/helpers/application\_helper.rb to hexadecimal UTF-8 strings (#4796).

##### Revision 6413 - 2011-08-06 02:50 - Toshi MARUYAMA

replace « and » at app/views/search/index.rhtml to hexadecimal UTF-8 strings (#4796).

##### Revision 6414 - 2011-08-06 02:50 - Toshi MARUYAMA

replace « and » at app/views/wiki/show.rhtml to hexadecimal UTF-8 strings (#4796).

##### Revision 6491 - 2011-08-20 15:40 - Toshi MARUYAMA

replace « and » at app/views/gannts/show.html.erb to hexadecimal UTF-8 strings (#4796).

##### Revision 6515 - 2011-08-21 07:17 - Toshi MARUYAMA

replace « and » at app/views/activities/index.html.erb to hexadecimal UTF-8 strings (#4796).

##### Revision 7246 - 2011-09-16 03:50 - Toshi MARUYAMA

backed out r6350 (#9252, #4796)

HTML escape at app/helpers/application\_helper.rb

##### Revision 7591 - 2011-10-07 02:23 - Toshi MARUYAMA

Rails3: model: query: parse dates using UTC (ruby 1.9 inside) (#4796)

On Rails 3.0 and Ruby 1.8.7 in Japan (UTC+9), tests fails with following messages.

```
test_operator_date_equals(QueryTest) [test/unit/query_test.rb:206]:
<"(issues.due_date > '2011-07-09 14:59:59.999999' AND issues.due_date <= '2011-07-10 14:59:59.999999')
AND (issue_statuses.is_closed='f')"> expected to be =~
</issues.due_date > '2011-07-09 23:59:59(.9+)?' AND issues.due_date <= '2011-07-10 23:59:59(.9+)?/;>
```

Contributed by Sylvain Utard.

#### Revision 8304 - 2011-12-20 09:32 - Toshi MARUYAMA

Rails3: rename sample\_plugin.rhtml to .html.erb (#6317, #4796)

:rhtml and :rxml were finally removed as template handlers at Rails 3.1 RC4.

#### Revision 8702 - 2012-01-26 06:15 - Toshi MARUYAMA

Rails3.2: pdf: comment out ::ActionView::TemplateHandlers::ERB of rfpdf plugin (#4796)

ActionView::TemplateHandlers is deprecated on Rails3.2 and Redmine cannot boot on Rails3.2. Redmine does not use this rfpdf plugin feature.

#### Revision 8713 - 2012-01-28 05:57 - Toshi MARUYAMA

Ruby1.9: set Encoding.default\_external on only Rails2 (#4050, #4796)

#### Revision 8714 - 2012-01-28 05:58 - Toshi MARUYAMA

Ruby1.9: enforce UTF-8 encodings on the params hash on Rails2 (#4050, #4796)

Without this change, non ASCII subject issue cannot be created on Ruby 1.9.

#### Revision 8716 - 2012-01-28 11:26 - Toshi MARUYAMA

Ruby1.9: skip enforcing UTF-8 encodings on the params hash on Rails2 if it is frozen (#4050, #4796)

Tests on CI server fail.

[http://www.redmine.org/builds/build\\_trunk-1.9.2-sqlite3\\_257.html](http://www.redmine.org/builds/build_trunk-1.9.2-sqlite3_257.html)

```
1) Error:
test_index_with_short_filters(IssuesControllerTest):
RuntimeError: can't modify frozen string
  /var/lib/hudson/jobs/trunk-1.9.2-sqlite3/workspace/app/controllers/application_controller.rb:58:in `force_
encoding'
  /var/lib/hudson/jobs/trunk-1.9.2-sqlite3/workspace/app/controllers/application_controller.rb:58:in `utf8ni
ze!'
  /var/lib/hudson/jobs/trunk-1.9.2-sqlite3/workspace/app/controllers/application_controller.rb:60:in `block
in utf8nize!'
  /var/lib/hudson/jobs/trunk-1.9.2-sqlite3/workspace/app/controllers/application_controller.rb:60:in `each'
  /var/lib/hudson/jobs/trunk-1.9.2-sqlite3/workspace/app/controllers/application_controller.rb:60:in `utf8ni
ze!'
  /var/lib/hudson/jobs/trunk-1.9.2-sqlite3/workspace/app/controllers/application_controller.rb:52:in `params
_filter'
  /var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/activesupport-2.3.14/lib/active_support/callbacks.rb:17
8:in `evaluate_method'
  /var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/activesupport-2.3.14/lib/active_support/callbacks.rb:16
6:in `call'
  /var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/actionpack-2.3.14/lib/action_controller/filters.rb:225:
in `call'
  /var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/actionpack-2.3.14/lib/action_controller/filters.rb:629:
in `run_before_filters'
  /var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/actionpack-2.3.14/lib/action_controller/filters.rb:615:
in `call_filters'
  /var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/actionpack-2.3.14/lib/action_controller/filters.rb:610:
in `perform_action_with_filters'
  /var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/actionpack-2.3.14/lib/action_controller/benchmarking.rb
:68:in `block in perform_action_with_benchmark'
  /var/lib/hudson/ruby1.9.2/lib/ruby/gems/1.9.1/gems/activesupport-2.3.14/lib/active_support/core_ext/benchm
ark.rb:17:in `block in ms'
```

#### Revision 8742 - 2012-01-31 03:41 - Toshi MARUYAMA

Rails3: add number.format to ro and sk locales (#4796)

Test fails on Rails 3.0.11 and Ruby 1.8.7.

Failure:

```
test_number_to_human_size_for_each_language(Redmine::I18nTest)
  [test/unit/lib/redmine/i18n_test.rb:114:in `test_number_to_human_size_for_each_language'
  test/unit/lib/redmine/i18n_test.rb:112:in `each'
  test/unit/lib/redmine/i18n_test.rb:112:in `test_number_to_human_size_for_each_language']:
```

```
sk failure.  
Exception raised:  
TypeError(<can't convert nil into String>)
```

#### Revision 8833 - 2012-02-10 14:08 - Toshi MARUYAMA

Ruby1.9: move setting Encoding.default\_external after boot (#4050, #4796)

"ruby test/functional/repositories\_git\_controller\_test.rb" fails  
on Japanese Windows and Mingw Ruby 1.9.3p0  
because "Rails" is not defined.

### History

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#### #1 - 2010-08-31 14:40 - Etienne Massip

Rails 3 final is out (<http://weblog.rubyonrails.org/2010/8/29/rails-3-0-it-s-done>) !

Someone already did the job : <http://github.com/jeremy/redmine> !

#### #2 - 2010-10-25 17:00 - Eric Davis

- Assignee deleted (Eric Davis)

#### #3 - 2010-11-25 14:19 - Luiz Picanço

Any news about this ?

#### #4 - 2010-12-05 16:57 - John Yani

1.2.0 will stick with 2.3.10 ([#6887](#))

Maybe after 1.2.0 release something will be clearer. What is engines support BTW?

#### #5 - 2010-12-06 12:30 - Eric Thomas

John Yani wrote:

1.2.0 will stick with 2.3.10 ([#6887](#))

Maybe after 1.2.0 release something will be clearer. What is engines support BTW?

The next release of rails (3.1) will have engines support.

#### #6 - 2010-12-06 12:32 - Felix Schäfer

Eric Thomas wrote:

The next release of rails (3.1) will have engines support.

Source/link? I fear they won't work exactly like the ones in 2.3 did, i.e. we still have to evaluate exactly what changes and how that affects us.

#### #7 - 2010-12-06 12:53 - Jean-Baptiste Barth

Sources: [rails-engines site](#), [the blog of Piotr Sarnacki](#), and I've got some bookmarks about the transition at home.

What's sure for now:

- Rails 3.0 supports *a kind of* Engines, but there's no mechanism for migrations, nor copying assets automatically (nor overriding views iirc) ; for sure they're not useable in Redmine at this point
- Rails 3.1 Engines will support these kind of things (needs to be precised I know), but all documentation I read on Rails3' engines makes me think that plugin developers would have to package their plugin as a gem
- Redmine cannot support Rails 2.3.x *and* Rails 3.x at the same time :)

#### #8 - 2011-02-16 10:11 - Etienne Massip

Just a note about .xml format : Rails 3 does not include Builder anymore, it's now one of its dependencies.

#### #9 - 2011-03-23 08:58 - Toshi MARUYAMA

- Category set to Rails support

#### #10 - 2011-05-24 17:03 - Etienne Massip

Jean-Baptiste Barth wrote:

- Rails 3.0 supports a kind of Engines, but there's no mechanism for migrations, nor copying assets automatically (nor overriding views iirc) ; for sure they're not useable in Redmine at this point
- Rails 3.1 Engines will support these kind of things (needs to be precised I know), but all documentation I read on Rails3' engines makes me think that plugin developers would have to package their plugin as a gem

Indeed, Rails 3.1 RC is out and supports migrations as well as moutable apps, see <http://weblog.rubyonrails.org/2011/5/22/rails-3-1-release-candidate>

Notes- :

Rails 3 applications include a Gemfile and support the use of Bundler (see <http://weblog.rubyonrails.org/2010/8/29/rails-3-0-it-s-done>).  
Rails 3.1 default scripting lib is now jQuery instead of Prototype.

#### #11 - 2011-06-14 16:00 - Fabian Becker

Is there any update on migrating to Rails 3.x? It's becoming a pain maintaining Redmine as it currently is. Upgrading to 3.0/3.1RC would definitely improve the development process.

I do understand that you are having trouble loosing compatibility to lots of good Redmine plugins, so I suggest you start Redmine + Rails 3.1RC development on a seperate branch and publish Redmine for both Rails versions in a transitional period (maybe 1 year?) giving all plugin developers time to migrate their plugins to a Rails Engine.

Any thoughts?

#### #12 - 2011-06-14 16:13 - Etienne Massip

- Target version set to Candidate for next major release

Fabian Becker wrote:

It's becoming a pain maintaining Redmine as it currently is.

Can't see why ?

#### #13 - 2011-06-20 13:01 - Toshi MARUYAMA

I merged trunk [r6097](#) and following forks.

- <https://github.com/goncalossilva/redmine>
- <https://github.com/marutosi/redmine/tree/rails3-merged>
  - <https://github.com/marutosi/redmine/commit/13077ffdba5150e95a2a0d70eb6135ead8ed254c>

I rearranged revisions.

- <https://bitbucket.org/marutosi/redmine-rails3-bb-straight-20110620>
  - <https://bitbucket.org/marutosi/redmine-rails3-bb-straight-20110620/changeset/b1cc0367a6b0>
- <https://github.com/marutosi/redmine/commits/rails3-straight-20110620>
  - <https://github.com/marutosi/redmine/commit/b91eafdb008b0f0b3ff6ab830c9d07cfe393c341>

#### #14 - 2011-06-22 12:20 - Toshi MARUYAMA

I updated revisions.

#### Merged

- <https://github.com/marutosi/redmine/tree/rails3-merged>
  - <https://github.com/marutosi/redmine/commit/3e126b55cf6895fc923bf2e3aeadda2d1d54dfa>

#### Straight revisions

- <https://github.com/marutosi/redmine/commits/rails3-straight-20110622>
  - <https://github.com/marutosi/redmine/commit/58374b477dd99b7df905b6fdb881aaf45185acf2>
- <https://bitbucket.org/marutosi/redmine-rails3-bb-straight-20110622>
  - <https://bitbucket.org/marutosi/redmine-rails3-bb-straight-20110622/changeset/caaaaabe8709>

#### #15 - 2011-06-22 20:08 - Etienne Massip

You should try to make it work straight with Rails 3.1 (rc4 is the last release) since (I guess) Redmine will never run with 3.0 due to the lack of engine support.

Moreover, you might detect and report some Rails 3.1 rc issues which could be fixed before release time, making it easier to integrate with RM.

BTW, do you run Rails 3 RM with Ruby 1.9 ?

#### #16 - 2011-06-27 00:53 - Toshi MARUYAMA

I start to target Rails 3.1.

#### Merged

- <https://github.com/marutosi/redmine/tree/rails3.1-merged>
  - <https://github.com/marutosi/redmine/commit/d8b96c046d342b82273aa0d63a36fea91b3ed200>

#### Straight revisions

- <https://bitbucket.org/marutosi/redmine-rails3.1-bb>
  - <https://bitbucket.org/marutosi/redmine-rails3.1-bb/changeset/fb582ad0e5e3>
- <https://github.com/marutosi/redmine/tree/rails3.1-20110625>
  - <https://github.com/marutosi/redmine/commit/443313972d57f378197585498690c5f5f22cd4c6>

The biggest issue is that ActionDispatch::Routing::Routes at **config/routes.rb** removed on Rails 3.1.

- <https://bitbucket.org/marutosi/redmine-rails3.1-bb/changeset/e8800779ffb0>
- <https://github.com/marutosi/redmine/commit/e864d6dc582ac42aa1ef5d25b7c7810653466ff8>

With dummy config/routes.rb, this revisions can boot with "ruby script/rails server", and run "rake test:units".

#### #17 - 2011-07-19 11:14 - Etienne Massip

RoR team is organizing a hack fest for 3.1 : <http://weblog.rubyonrails.org/2011/7/14/rails-3-1-hackfest>

#### #18 - 2011-08-22 08:34 - Toshi MARUYAMA

I rebased on [r6523](#).

Git:

- <https://github.com/marutosi/redmine/commits/rails3.1-straight-20110822>
  - <https://github.com/marutosi/redmine/commit/5f46bcc5ad70db3907a81312c42bff09b93b305d>

Mercurial:

- <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20110822-hg-git>
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20110822-hg-git/changeset/1d5fca5d898e>

#### #19 - 2011-08-23 01:32 - Toshi MARUYAMA

I success to show main menu on Rails 3.1.

Git:

- <https://github.com/marutosi/redmine/commits/rails3.1-straight-20110822>
  - <https://github.com/marutosi/redmine/commit/f203473b56b14e2e2d2cbca359e1345389c8b2b5>

Mercurial:

- <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20110822-hg-git>
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20110822-hg-git/changeset/d68bc29b957b>

#### #20 - 2011-08-23 07:32 - Toshi MARUYAMA

<http://mrjaba.posterous.com/ruby-news-roundup-06-04-2011>

:rhtml and :rxml were finally removed as template handlers.

#### #21 - 2011-08-23 17:10 - Etienne Massip

Nice job on routes =)

Got some nice reading for you: <http://www.h-online.com/open/features/From-Rails-2-3-to-3-0-1285884.html>

Edit: permalink: <http://h-online.com/-1285884>

**#22 - 2011-08-23 18:03 - Luiz Picanço**

Interesting article !

Etienne Massip wrote:

Nice job on routes =)

Got some nice reading for you: <http://www.h-online.com/open/features/From-Rails-2-3-to-3-0-1285884.html>

Edit: permalink: <http://h-online.com/-1285884>

**#23 - 2011-08-25 10:52 - David Bennett**

If you need any direction, the Spree project has great 3.0 and 3.1 support: <http://spreecommerce.com/blog>

The "Extension" system they have is great as you just add a line in your Gemfile that points to a github project and vola! extra features :)

BDQ has also created Deface, A view editor that alters views based on css rules: <https://github.com/railsdog/deface>

**#24 - 2011-08-31 09:08 - Etienne Massip**

3.1 released 3 hours ago: <http://twitter.com/#!/rails/status/108740744306634752>

Release notes: [http://guides.rubyonrails.org/3\\_1\\_release\\_notes.html](http://guides.rubyonrails.org/3_1_release_notes.html)

**#25 - 2011-08-31 16:19 - Etienne Massip**

Another article from the H: <http://h-online.com/-1285887>

**#26 - 2011-09-09 05:33 - Alexandre de Oliveira**

So, is there any official announcement regarding 3.x support? A plan? Redmine 2.0? I found nothing on Wiki. Is there anyone leading the efforts to this end?

Because I'd like to contribute to make Redmine Rails 3.x compatible. It's not clear if there's a branch for it. I guess any patch regarding this shouldn't go to master branch, isn't it? It seems Toshi is already doing some work on this. How could I be of help regarding this matter?

Second, don't you agree this is not the correct place for posting about these Rails 3.1's new features articles, like Etienne's?

Thank you.

**#27 - 2011-10-16 06:48 - Toshi MARUYAMA**

- % Done changed from 0 to 40

I rebased on [r7627](#).

Git:

- <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111015-git>
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111015-git/changeset/b518355cf567>
- <https://github.com/marutosi/redmine/tree/rails3.1-straight-20111015>
  - <https://github.com/marutosi/redmine/commit/b518355cf567a6aea40f463a879c752a308c1e32>

Mercurial:

- <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111015-hg-git>
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111015-hg-git/changeset/230bb3836ed1>

If you run with current database of Redmine 1.2 on Rails 2.3.11, you need to run "rake db:migrate".

In order to run tests, you need to install object\_daddy for Rails 3.1.

```
ruby script/rails plugin install git://github.com/awebneck/object_daddy.git
```

The revisions are from following repositories.

- <https://github.com/redox/redmine>

- <https://github.com/mhanne/chiliproject/tree/rails-3.1>
- <https://github.com/thecat/chiliproject/tree/rails-3.1>

Git and Mercurial revisions are synchronized by [hg-git](#) .  
If you want to improve it, you can choose what you like.

#### #28 - 2011-11-11 03:18 - David Bennett

As this is now Rails 3.1... and a lot of things will break in the upgrade anyway.

Would it be a good idea to change this to a mountable engine?  
(or even a stranded engine so that users can upgrade by just changing the version in the Gemfile.)

I have experience and can help out if you go down this path.

CON: You may want to namespace everything so it plays nice with other mountable engines.

#### #29 - 2011-11-11 06:46 - Felix Schäfer

David, do you have experience with the 3.1 full engines?

#### #30 - 2011-11-14 03:47 - David Bennett

Felix Schäfer wrote:

David, do you have experience with the 3.1 full engines?

If by full engines you mean ones with there own logic/models/controllers/migrations that can be added by just adding something to your Gemfile.

Then yes, I use them where ever possible :)

Though I don't have all that much experience with mountable ones yet.. as 3.1 is still new and I don't really have any bread-n-butter projects in my day job that could use the functionality.

#### #31 - 2011-11-14 07:26 - Felix Schäfer

David Bennett wrote:

Felix Schäfer wrote:

David, do you have experience with the 3.1 full engines?

If by full engines you mean ones with there own logic/models/controllers/migrations that can be added by just adding something to your Gemfile.

Then yes, I use them where ever possible :)

Though I don't have all that much experience with mountable ones yet.. as 3.1 is still new and I don't really have any bread-n-butter projects in my day job that could use the functionality.

No, that's full engines vs. mountable apps. Mountable apps are self-contained and referenced only in the parent routes.rb to tell which "top-level" URI the mountable app has. Full engines are "nearer" to the 2.3 engines in that they are loaded with the main app, have access to all the same models, controllers, and everything (mountable apps are fully segregated). Both types are/can be packaged as gems though.

#### #32 - 2011-11-28 06:00 - Toshi MARUYAMA

I rebased on [r7962](#).

Git:

- <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111128-git>
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111128-git/changeset/25af42e581e9>
- <https://github.com/marutosi/redmine/tree/rails3.1-straight-20111128>
  - <https://github.com/marutosi/redmine/commit/25af42e581e9eb1b83253130e661edcfc50cd810>

Mercurial:

- <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111128-hg-git>
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111128-hg-git/changeset/e3236691b1c5>

Revisions are from a following repository.

- <https://github.com/paneidos/redmine>

### #33 - 2011-11-28 16:28 - Toshi MARUYAMA

I rebased on [r7967](#).

Git:

- <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111129-git>
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111129-git/changeset/98b79bc74907>
- <https://github.com/marutosi/redmine/tree/rails3.1-straight-20111129>
  - <https://github.com/marutosi/redmine/commit/98b79bc74907735b148d45e5e9ccb17a31656f10>

Mercurial:

- <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111129-hg-git>
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111129-hg-git/changeset/70aa2e5132cc>

I adapted [r7900](#) labelled\_tabular\_form\_for.

### #34 - 2011-12-05 11:06 - Toshi MARUYAMA

- % Done changed from 40 to 50

I rebased on [r8089](#).

Git:

- <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111205-git>
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111205-git/changeset/f63cfecfc970>
- <https://github.com/marutosi/redmine/tree/rails3.1-straight-20111205>
  - <https://github.com/marutosi/redmine/commit/f63cfecfc9708cfd3f838b8444071da3d50a1e10>

Mercurial:

- <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111205-hg-git>
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111205-hg-git/changeset/adeada76a040>

## Changes

- rename css to css.erb
- use asset\_path instead of hard-coded path

```
diff --git a/app/assets/stylesheets/scm.css.erb b/app/assets/stylesheets/scm.css.erb
--- a/app/assets/stylesheets/scm.css.erb
+++ b/app/assets/stylesheets/scm.css.erb
@@ -9,7 +9,7 @@
```

```
li.change {
  list-style-type:none;
-  background-image: url(../images/bullet_black.png);
+  background-image: url(<%= asset_path "bullet_black.png" %>);
  background-position: lpx lpx;
  background-repeat: no-repeat;
  padding-top: lpx;
```

Revisions are from following repository.

- <https://github.com/escline/redmine>

### #35 - 2011-12-21 01:22 - Toshi MARUYAMA

I rebased on [r8304](#).

Git:

<https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111220-git>

- Rails 3.1.3
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111220-git/changeset/10734937ddd8>
- Rails 3.2.0.rc1
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111220-git/changeset/c62200edd4d7>



<https://github.com/marutosi/redmine/tree/rails3.1-straight-20111220>

- Rails 3.1.3
  - <https://github.com/marutosi/redmine/commit/10734937ddd8>
- Rails 3.2.0.rc1
  - <https://github.com/marutosi/redmine/commit/c62200edd4d7639da893a4c3d5ea6b987daf5b98>

Mercurial:

<https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111220-hg-git>

- Rails 3.1.3
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111220-hg-git/changeset/97f974aea9ea>
- Rails 3.2.0.rc1
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20111220-hg-git/changeset/af9fdd89cd7d>

### #36 - 2012-01-03 10:01 - Toshi MARUYAMA

- % Done changed from 50 to 60

I rebased on [r8480](#).

Almost all routing tests pass.

Git:

<https://bitbucket.org/marutosi/redmine-rails3.1-straight-20120103-git>

- Rails 3.1.3
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20120103-git/changeset/c44c5c55c9d2>
- Rails 3.2.0.rc1
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20120103-git/changeset/90bda5801f9d>

<https://github.com/marutosi/redmine/tree/rails3.1-straight-20120103>

- Rails 3.1.3
  - <https://github.com/marutosi/redmine/commit/c44c5c55c9d2>
- Rails 3.2.0.rc1
  - <https://github.com/marutosi/redmine/commit/90bda5801f9d>

Mercurial:

<https://bitbucket.org/marutosi/redmine-rails3.1-straight-20120103-hg-git>

- Rails 3.1.3
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20120103-hg-git/changeset/a940b29a8193>
- Rails 3.2.0.rc1
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20120103-hg-git/changeset/d4fc04c4ef05>

### #37 - 2012-01-12 09:29 - Toshi MARUYAMA

- % Done changed from 60 to 70

I rebased on [r8633](#).

route.rb is all new Rails3 format.

Git:

<https://bitbucket.org/marutosi/redmine-rails3.1-straight-20120111-git>

- Rails 3.1.3
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20120111-git/changeset/9b87ac4f7d4a>
- Rails 3.2.0.rc2
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20120111-git/changeset/8ef3aa076ac3>

<https://github.com/marutosi/redmine/tree/rails3.1-straight-20120111>

- Rails 3.1.3
  - <https://github.com/marutosi/redmine/commit/9b87ac4f7d4a>
- Rails 3.2.0.rc2
  - <https://github.com/marutosi/redmine/commit/8ef3aa076ac3>

Mercurial:

<https://bitbucket.org/marutosi/redmine-rails3.1-straight-20120111-hg-git>

- Rails 3.1.3
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20120111-hg-git/changeset/38da0d316f07>
- Rails 3.2.0.rc2
  - <https://bitbucket.org/marutosi/redmine-rails3.1-straight-20120111-hg-git/changeset/827d62056e93>

#### #38 - 2012-01-24 19:50 - John Yani

Rails 3.2.0 is [out](#)

Is there any work break down structure of work required to complete porting Redmine to Rails 3? Are there any routine tasks that unexperienced programmer could help with?

#### #39 - 2012-02-13 11:41 - Toshi MARUYAMA

I rebased on [r8864](#).

Changes:

- update Rails 3.2.1.
- rails-dev-tweaks supports Rails 3.2.

Git:

<https://bitbucket.org/marutosi/redmine-rails3-straight-20120213-git>

- Rails 3.1.3
  - <https://bitbucket.org/marutosi/redmine-rails3-straight-20120213-git/changeset/b024f722f1e7>
- Rails 3.2.1
  - <https://bitbucket.org/marutosi/redmine-rails3-straight-20120213-git/changeset/9ff1ec404049>

<https://github.com/marutosi/redmine/commits/rails3-straight-20120213>

- Rails 3.1.3
  - <https://github.com/marutosi/redmine/commit/b024f722f1e7>
- Rails 3.2.1
  - <https://github.com/marutosi/redmine/commit/9ff1ec404049>

Mercurial:

<https://bitbucket.org/marutosi/redmine-rails3-straight-20120213-hg-git>

- Rails 3.1.3
  - <https://bitbucket.org/marutosi/redmine-rails3-straight-20120213-hg-git/changeset/761b7f104d6d>
- Rails 3.2.1
  - <https://bitbucket.org/marutosi/redmine-rails3-straight-20120213-hg-git/changeset/b57dc3557b3c>

#### #40 - 2012-02-29 13:19 - Sridhar P

I would like to work on this. I am thinking in the lines of forking on github and submitting pull requests whenever I have completed a significant task. Talking of tasks, is there any list of issues/to-do's that I can work on?

#### #41 - 2012-03-02 20:18 - John Yani

Sridhar P wrote:

I would like to work on this. I am thinking in the lines of forking on github and submitting pull requests whenever I have completed a significant task. Talking of tasks, is there any list of issues/to-do's that I can work on?

I think you can start with cloning and setting up test environment to see what doesn't work. Then if you manually tested all features and everything seems to work, you can run redmine tests and see if there are any failures. If there are no any, you're done.

Then you can think of how to enable users to use Redmine with both Rails 2 and Rails 3. As of now the work is done/coordinated by Toshi. Seems like every week he rebases his work on the latest revision from svn trunk. AFAIK, there are no any todo lists. But you can look into git/hg log. There are many commits marked as "TODO", so you can review these patches to see what's wrong with them.

#### #42 - 2012-03-02 20:39 - Jean-Philippe Lang

I have a working copy that runs and passes the full tests suite with Rails 3.1. There's some work to be done in order to provide the current features for Redmine plugins (migrations, view overriding, assets...) but still, most plugins won't be compatible out of the box. And honestly, I'm a bit disappointed with the performance. Redmine is 1.5x to 2x slower than with Rails 2.3. With ruby 1.9.3, it barely runs as fast as current trunk with Rails 2.3 + ruby 1.8.7.

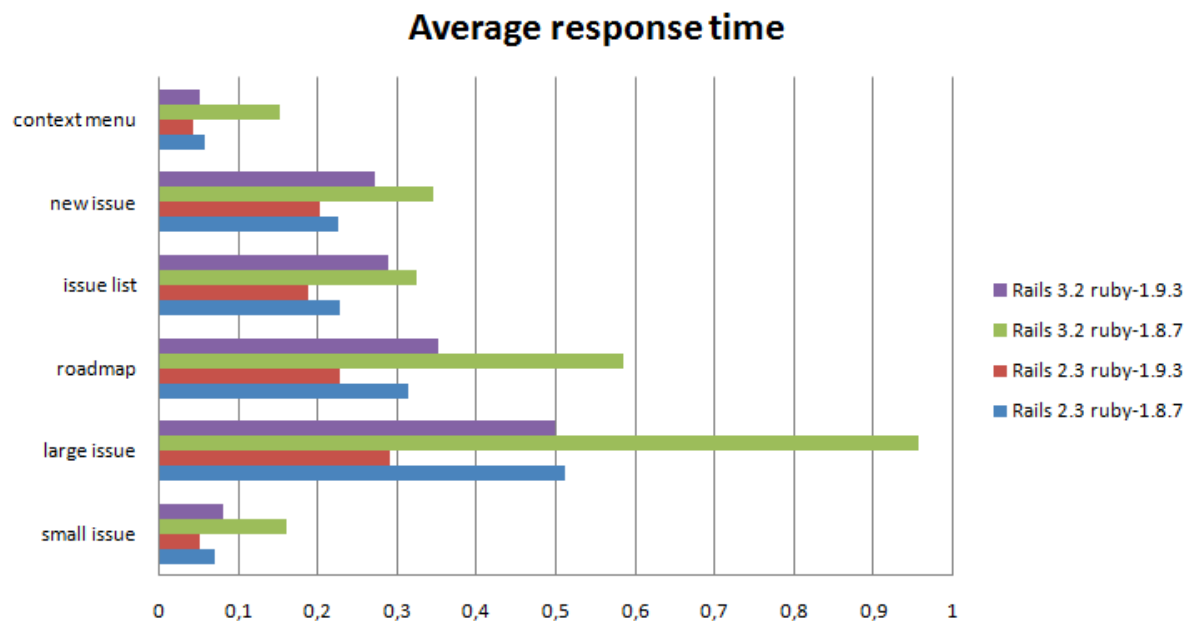
Then you can think of how to enable users to use Redmine with both Rails 2 and Rails 3.

That's not really an option. There are too many changes in Rails 3 to support both versions with the same code base.

**#43 - 2012-03-02 20:46 - Jean-Philippe Lang**

- File *response\_time.png* added

Here are the results of my quick performance tests (Rails 2.3 vs. Rails 3.2):



**#44 - 2012-03-02 22:19 - Toshi MARUYAMA**

Jean-Philippe Lang wrote:

I have a working copy that runs and passes the full tests suite with Rails 3.1.

Could you create branch and commit to it such as [source:sandbox/rails-2.3](#) ?

**#45 - 2012-03-07 02:43 - John Yani**

Did anybody find out how to get wiki working? I've got an error:

```
can't write unknown attribute `versioned_type'  
activerecord (3.2.1) lib/active_record/attribute_methods/write.rb:34:in `write_attribute'  
activerecord (3.2.1) lib/active_record/attribute_methods/dirty.rb:67:in `write_attribute'  
activerecord (3.2.1) lib/active_record/attribute_methods.rb:31:in `[]='  
vendor/plugins/acts_as_versioned/lib/acts_as_versioned.rb:383:in `clone_versioned_model'  
vendor/plugins/acts_as_versioned/lib/acts_as_versioned.rb:303:in `save_version_on_create'  
app/controllers/wiki_controller.rb:154:in `update'
```

the problem is in the following line:

```
vendor/plugins/acts_as_versioned/lib/acts_as_versioned.rb  
194: self.versioned_inheritance_column = options[:inheritance_column] || "versioned_#{inheritance_column}"
```

Somehow versioned\_type column is missing.

**#46 - 2012-03-07 14:29 - John Yani**

**Update:**

Seems like it is because Redmine doesn't use rake tasks provided by acts\_as\_versioned: create\_versioned\_table and drop\_versioned\_table

So, I should add migration field for versioned\_type myself

**#47 - 2012-03-07 19:23 - John Yani**

Here is a patch to enable wiki editing in Rails 3.2.1 <https://github.com/marutosi/redmine/pull/6>

**#48 - 2012-03-10 15:03 - Jean-Philippe Lang**

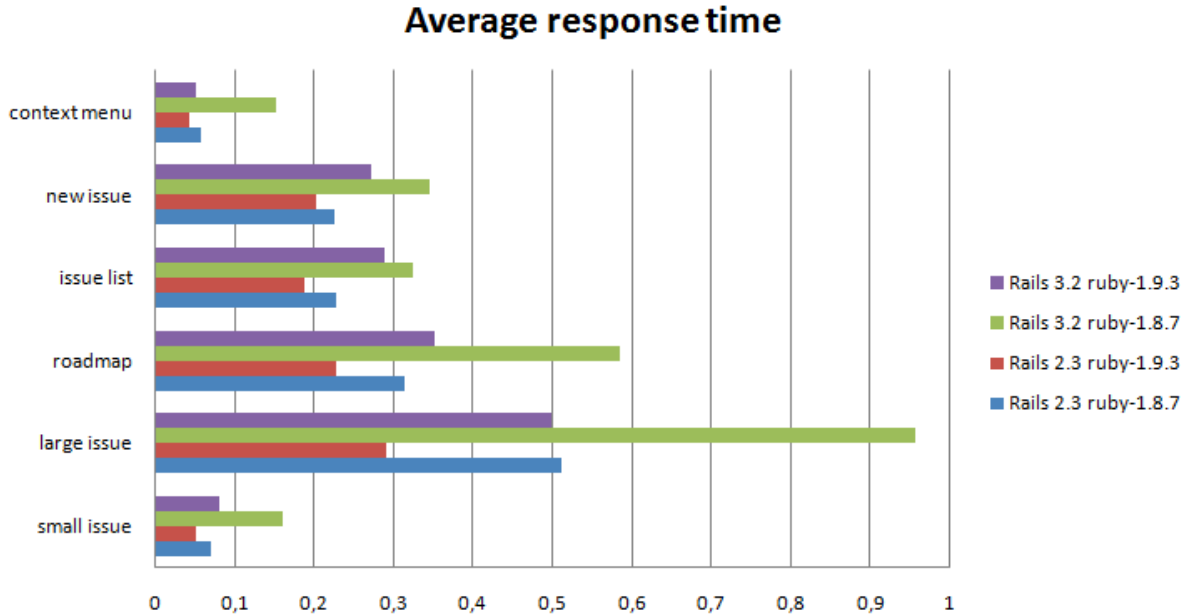
- Target version changed from Candidate for next major release to 2.0.0

**#49 - 2012-03-10 16:41 - Terence Mill**

Can u explain ur results? For the first look rails 2.3 and ruby 1.9.3 performns best, and not the newest stack with rails 3.

Jean-Philippe Lang wrote:

Here are the results of my quick performance tests (Rails 2.3 vs. Rails 3.2):



**#50 - 2012-03-10 18:55 - Jean-Philippe Lang**

Terence Mill wrote:

Can u explain ur results? For the first look rails 2.3 and ruby 1.9.3 performns best, and not the newest stack with rails 3.

Indeed, Rails 2.3 performs best as mentionned above. The graph shows the average response times in seconds for a few actions (assets are not involved here). Not much more to explain...

**#51 - 2012-03-10 21:25 - John Yani**

Terence Mill wrote:

Can u explain ur results? For the first look rails 2.3 and ruby 1.9.3 performns best, and not the newest stack with rails 3.

Here is the detailed explanation:

<http://bibwild.wordpress.com/2011/07/12/more-thoughts-on-unbearably-slow-rails3/>

Shortly, it is because of extra ruby garbage collection, caused by increased size of the call stack in Rails 3.

**#52 - 2012-04-15 06:45 - Alex Shulgin**

Hello good sirs.

Any chance of getting this done finally, especially in light of this (rails 2.3 no longer receives security updates from the core team):

<https://groups.google.com/d/msg/rubyonrails-talk/ZzL90ec7iAQ/368GA-TeQ6AJ> ?

--

Regards,  
Alex

**#53 - 2012-04-15 16:15 - Jean-Philippe Lang**

The upgrade to Rails 3.0 is planned for Redmine 2.0 that should be the next major release.

**#54 - 2012-04-17 00:59 - Terence Mill**

Really waiting for this Release, especially Prototype.js has been replaced with JQuery for ajax calls.

**#55 - 2012-04-17 01:52 - Toshi MARUYAMA**

Terence Mill wrote:

Really waiting for this Release, especially Prototype.js has been replaced with JQuery for ajax calls.

"prototype-rails" and "prototype\_legacy\_helper" provide compatibility.

**#56 - 2012-04-17 08:45 - Etienne Massip**

Terence Mill wrote:

Really waiting for this Release, especially Prototype.js has been replaced with JQuery for ajax calls.

What difference does this make?

**#57 - 2012-04-17 09:36 - Onno van der Straaten**

Etienne Massip wrote:

Terence Mill wrote:

Really waiting for this Release, especially Prototype.js has been replaced with JQuery for ajax calls.

What difference does this make?

This is also one of the things I would like to see in Redmine 2.0. Upgrading to Rails 3 however does not imply that Redmine 2.0 will use JQuery. I personally doubt that this effort is also about migrating to JQuery.

If you are using Redmine as is it doesn't matter what framework is being used. But if you want to extend Redmine, it does. So for example I added functionality which uses a JQuery Slides (<http://slidesjs.com/>). Now my 'extended' Redmine installation uses JQuery and not Prototype for some pages. Using Prototype and JQuery in one website is of course not so nice but necessary because JQuery has a lot more to offer.

**#58 - 2012-04-17 10:00 - Etienne Massip**

Onno van der Straaten wrote:

Using Prototype and JQuery in one website is of course not so nice but necessary because JQuery has a lot more to offer.

Whatever, Redmine has not Javascript API, JQuery and Prototype can coexist very well and I can't see why using 2 tooling frameworks would be bad.

**#59 - 2012-04-18 14:34 - Terence Mill**

Hmm i hoped we will get rid of prototype because we wanna integrate our SSO Solution for redmine (which is based on CAS) and the problem with redirect on ajax request direct after an revalidation attempt of the SSO gateway (a java servlet filter in front of web.xml war of a jruby redmine tomcat installation), this redirect of an XMLHttpRequest (fired by prototyp.js i think) is not understood by the browser. This leads to "nothing happening" in the application as long a non ajax request is triggered by the request caused by user click. Our SSO Gateway in front of the redmine can understand jquery ajax requests and wraps them so that the redirect in the browser works. This does not work for prototype js.

There is no documentation where and how often ajax is used in redmine forms, else we could think about moving this urls by filter out of the sso secure area and workaround the problem.

Etienne Massip wrote:

Terence Mill wrote:

Really waiting for this Release, especially Prototype.js has been replaced with JQuery for ajax calls.

What difference does this make?

**#60 - 2012-04-18 15:15 - Etienne Massip**

Terence Mill wrote:

Our SSO Gateway in front of the redmine can understand jquery ajax requests and wraps them so that the redirect in the browser works. This does not work for prototype js.

What is done with jQuery making the Ajax request understood that you can't do with Prototype?

**#61 - 2012-05-01 18:16 - Jean-Philippe Lang**

- *Status changed from New to Closed*
- *Assignee set to Jean-Philippe Lang*
- *% Done changed from 70 to 100*
- *Resolution set to Fixed*

Please open a new ticket for any issue related to Rails3 support.

**Files**

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response_time.png	5.76 KB	2012-03-02	Jean-Philippe Lang
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