Redmine - Patch #31509

Add Rubocop to enforce some styles

2019-06-03 22:57 - Marius BĂLTEANU

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:	Go MAEDA	**% Done:**	0%
Category:	Code cleanup/refactoring	**Estimated time:**	0.00 hour
Target version:	4.1.0		

Description

I propose to add Rubocop to enforce some styles for those who contribute with patches to Redmine or for those who review the proposed patches.

For the moment, I propose to start only with 2 cops:

1. **Layout/TrailingWhitespace**:
   To not have anymore the annoying trailing whitespaces. I used this cop the prepare the patches from #31506 and #31507.

1. **Style/FrozenStringLiteralComment**:
   To ensure that the new ruby files added to the codebase have the frozen string literal. As I've mentioned in #31508, we already missed some files.

To run the checks: bundle exec rubocop

Associated revisions

Revision 18259 - 2019-06-19 02:49 - Go MAEDA

Add RuboCop to enforce some styles (#31509).

Patch by Marius BALTEANU and Go MAEDA.

Revision 18320 - 2019-06-27 01:37 - Go MAEDA

Update RuboCop to 0.72.0 (#31509).

Revision 18371 - 2019-08-15 02:53 - Go MAEDA

Update RuboCop to 0.74.0 (#31509).

Revision 18378 - 2019-08-18 16:40 - Go MAEDA

Add rubocop-performance (#31509).

Revision 18576 - 2019-10-01 05:18 - Go MAEDA

Update RuboCop to 0.75.0 (#31509).

Revision 18579 - 2019-10-02 02:27 - Go MAEDA

Update rubocop-performance to 1.5.0 (#31509).

Revision 18884 - 2019-10-31 10:18 - Go MAEDA

Update RuboCop to 0.76.0 (#31509).

History

#1 - 2019-06-06 08:29 - Marius BĂLTEANU

- Target version set to 4.1.0

Go Maeda, do you see any downside for having Rubocop as part of the core?

#2 - 2019-06-06 08:48 - Go MAEDA

Marius BALTEANU wrote:

Go Maeda, do you see any downside for having Rubocop as part of the core?

I am in favor of adding RuboCop. Actually, I sometimes check patches with RuboCop on my dev environment.

But I think TargetRubyVersion in the suggested patch should be 2.3 instead of 2.5 because the oldest Ruby version Redmine supports is 2.3.

#3 - 2019-06-06 10:15 - Marius BĂLTEANU

- File deleted (0001-Add-Rubocop-and-enable-the-following-cops.patch)

#4 - 2019-06-06 10:16 - Marius BĂLTEANU

- File 0001-Add-Rubocop-and-enable-the-following-cops.patch added

Go MAEDA wrote:

I am in favor of adding RuboCop. Actually, I sometimes check patches with RuboCop on my dev environment.

But I think TargetRubyVersion in the suggested patch should be 2.3 instead of 2.5 because the oldest Ruby version Redmine supports is 2.3.

Great, thanks for your quick reply. Here is the updated patch.

#5 - 2019-06-08 09:56 - Go MAEDA

- File 31509-v2.diff added

- Assignee set to Marius BĂLTEANU

I propose adding .rubocop_todo.yml and removing "DisabledByDefault: true".

With the original patch, RuboCop performs only a few checks. But I want to perform various checks with RuboCop when I write or review patches.

#6 - 2019-06-12 08:05 - Marius BĂLTEANU

Go MAEDA wrote:

I propose adding .rubocop_todo.yml and removing "DisabledByDefault: true".

I like your proposal, but I think we should apply the following changes on top of your patch:

```
vagrant@jessie:/vagrant/project/redmine$ git diff
diff --git a/.rubocop_todo.yml b/.rubocop_todo.yml
index 16a8d62..1cdb965 100644
--- a/.rubocop_todo.yml
+++ b/.rubocop_todo.yml
@@ -491,6 +491,7 @@ Layout/SpaceAroundOperators:
 # SupportedStylesForEmptyBraces: space, no_space
 Layout/SpaceBeforeBlockBraces:
   EnforcedStyleForEmptyBraces: no_space
+  Enabled: false

 # Offense count: 7
 # Cop supports --auto-correct.
@@ -1302,6 +1303,12 @@ Rails/TimeZone:
 Rails/Validation:
   Enabled: false

+# Offense count: 3
+Rails/BulkChangeTable:
+  Exclude:
+    - 'db/migrate/20120714122200_add_workflows_rule_fields.rb'
+    - 'db/migrate/20131214094309_remove_custom_fields_min_max_length_default_values.rb'
+
 # Offense count: 4
 Security/Eval:
   Exclude:
```

Otherwise, we'll have the following fails: https://gitlab.com/redmine-org/redmine/-/jobs/229555011

#7 - 2019-06-14 12:46 - Marius BĂLTEANU

- Assignee changed from Marius BĂLTEANU to Go MAEDA

#8 - 2019-06-17 02:44 - Kevin Fischer

+1

#9 - 2019-06-18 17:15 - Go MAEDA

- File 31509-v3.diff added

I have updated the patch:

- Added rules that Marius pointed out in [#31509#note-6](). I have added rules to .rubocop.yml instead of updating .rubocop_todo.yml because .rubocop_todo.yml is an auto-generated file and it will be overwritten in the future
- Removed Layout/TrailingWhitespace. Since all checks are enabled now, we don't have to explicitly enable it
- Added Style/HashSyntax to allow Ruby 1.8 style hash syntax ({:foo => 1, :bar => 2})
- Updated doc/RUNNING_TESTS

#10 - 2019-06-19 00:44 - Marius BĂLTEANU

Go MAEDA wrote:

> I have updated the patch:
>
> - Added rules that Marius pointed out in [#31509#note-6](). I have added rules to .rubocop.yml instead of updating .rubocop_todo.yml because .rubocop_todo.yml is an auto-generated file and it will be overwritten in the future
> - Removed Layout/TrailingWhitespace. Since all checks are enabled now, we don't have to explicitly enable it
> - Added Style/HashSyntax to allow Ruby 1.8 style hash syntax ({:foo => 1, :bar => 2})
> - Updated doc/RUNNING_TESTS

Looks very good to me, thank you for improving my patch!

#11 - 2019-06-19 02:49 - Go MAEDA

- Status changed from New to Closed

Committed. Thank you for your contribution.

#12 - 2019-06-26 07:26 - Go MAEDA

- File rubocop-0_72_0.diff added

- Status changed from Closed to Reopened

RuboCop 0.72.0 has been released on July 25th.
https://rubygems.org/gems/rubocop/versions/0.72.0

Here is a patch to update RuboCop to 0.72.0.

#13 - 2019-06-27 01:37 - Go MAEDA

- Status changed from Reopened to Closed

Go MAEDA wrote:

> RuboCop 0.72.0 has been released on July 25th.
> https://rubygems.org/gems/rubocop/versions/0.72.0
>
> Here is a patch to update RuboCop to 0.72.0.

Committed the patch in [r18320]().

Files

0001-Add-Rubocop-and-enable-the-following-cops.patch	1.59 KB	2019-06-06	Marius BĂLTEANU
31509-v2.diff	68.6 KB	2019-06-08	Go MAEDA
31509-v3.diff	69.1 KB	2019-06-18	Go MAEDA
rubocop-0_72_0.diff	2.59 KB	2019-06-26	Go MAEDA