

Redmine - Defect #42606

RuboCop warning about deprecated `EnsureNode#body` with rubocop-ast >= 1.41

2025-04-21 11:00 - Go MAEDA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Gems support	Estimated time:	0.00 hour
Target version:	5.1.9	Affected version:	
Resolution:	Fixed		

**Description**

When running RuboCop on Redmine 6.0-stable and 5.1-stable with `rubocop-ast` 1.41.0 or later, the following warning appears:

```
`EnsureNode#body` is deprecated and will be changed in the next major version of rubocop-ast. Use `EnsureNode#branch` instead to get the body of the `ensure` branch.
```

The warning does not appear if `rubocop-ast` is pinned to version 1.40.x.

Index: Gemfile

```
=====
--- Gemfile      (revision 23680)
+++ Gemfile      (working copy)
@@ -111,6 +111,7 @@
   gem 'selenium-webdriver', '>= 4.11.0'
   # RuboCop
   gem 'rubocop', '~> 1.68.0', require: false
+  gem 'rubocop-ast', '~> 1.40.0'
   gem 'rubocop-performance', '~> 1.22.0', require: false
   gem 'rubocop-rails', '~> 2.27.0', require: false
   gem 'bundle-audit', require: false
```

Associated revisions

Revision 23702 - 2025-04-21 11:07 - Go MAEDA

Pin rubocop-ast to 1.40.x to avoid `EnsureNode#body` deprecation warning on 6.0-stable (#42606).

Revision 23703 - 2025-04-21 11:08 - Go MAEDA

Pin rubocop-ast to 1.40.x to avoid `EnsureNode#body` deprecation warning on 5.1-stable (#42606).

Revision 23706 - 2025-04-24 07:36 - Go MAEDA

Add `require: false` to rubocop-ast in the Gemfile on 6.0-stable (#42606).

Revision 23707 - 2025-04-24 07:39 - Go MAEDA

Add `require: false` to rubocop-ast in the Gemfile on 5.1-stable (#42606).

History

#1 - 2025-04-21 11:11 - Go MAEDA

- Status changed from New to Closed
- Assignee set to Go MAEDA
- Resolution set to Fixed

Committed the fix in [r23702](#) and [r23703](#).

#2 - 2025-04-23 18:10 - Alexander Meindl

Hi,

with this change I got the following error with bundle update:

```
└─ bundle update
Your Gemfile lists the gem puma (>= 0) more than once.
You should probably keep only one of them.
Remove any duplicate entries and specify the gem only once.
While it's not a problem now, it could cause errors if you change the version of one of them later.
Fetching gem metadata from https://rubygems.org/.....
Could not find gem 'rubocop-ast (~> 1.40.0)' with platform 'x86_64-linux'
in rubygems repository https://rubygems.org/ or installed locally.
```

```
The source contains the following gems matching 'rubocop-ast (~> 1.40.0)':
* rubocop-ast-1.40.0
```

ruby 3.1.2 was used, no plugin is installed.

### #3 - 2025-04-23 18:11 - Alexander Meindl

Hi, I forgot to mention the used branch: I used branch 6.0-stable

### #4 - 2025-04-23 18:13 - Alexander Meindl

Hi again,

I just want to mention, that the problem exists with RAILS\_ENV=production.

### #5 - 2025-04-24 01:52 - Go MAEDA

Alexander Meindl wrote in [#note-2](#):

with this change I got the following error with bundle update:

I was unable to reproduce the problem using Ruby 3.1.6 on the 6.0-stable branch.

Does changing the Gemfile as follows resolve the issue?

```
Index: Gemfile
=====
--- Gemfile      (revision 23705)
+++ Gemfile      (working copy)
@@ -111,7 +111,7 @@
  gem 'selenium-webdriver', '>= 4.11.0'
  # RuboCop
  gem 'rubocop', '~> 1.68.0', require: false
-  gem 'rubocop-ast', '~> 1.40.0'
+  gem 'rubocop-ast', '< 1.41.0'
  gem 'rubocop-performance', '~> 1.22.0', require: false
  gem 'rubocop-rails', '~> 2.27.0', require: false
  gem 'bundle-audit', require: false
```

### #6 - 2025-04-24 07:33 - Alexander Meindl

Hi Go MAEDA,

thanks for your response.

No, now I get the following error:

```
bundle config set --local without 'development test'
bundle update
#Fetching gem metadata from https://rubygems.org/.....
Could not find gem 'rubocop-ast (< 1.41.0)' with platform 'x86_64-linux' in
rubygems repository https://rubygems.org/ or installed locally.
```

```
The source contains the following gems matching 'rubocop-ast (< 1.41.0)':
* rubocop-ast-0.0.1
* rubocop-ast-0.0.2
* rubocop-ast-0.0.3
* [...]
* rubocop-ast-1.39.0
* rubocop-ast-1.40.0
```

More information to my system:

- ruby package from debian 12 (no rbenv or rvm)
- Bundler version 2.5.5

## Solution

But then, I found a solution: the old bundler version was the problem. With `bundle update --bundler` I got version 2.6.8. And with the version, there are no problems with your first committed change.

**For me the issue is solved. Your commit already committed version works with a newer bundler version.** I am not sure, if this is ok for the stable release, if there are problems with the old bundler version. Other guys will get the same problem, if an old bundler version is used.

**#7 - 2025-04-24 09:00 - Go MAEDA**

Thank you for providing more detailed information.

Alexander Meindl wrote in [#note-6](#):

**For me the issue is solved. Your commit already committed version works with a newer bundler version.** I am not sure, if this is ok for the stable release, if there are problems with the old bundler version.

It is possible that the Bundler version is not the cause. I tested with Bundler 2.3.26, which is older than your 2.5.5, but I was not able to reproduce the error.

**#8 - 2025-04-24 09:06 - Alexander Meindl**

Hi Go MAEDA,

I am not sure, maybe `bundle update --bundler` also do some magic with `Gemfile.lock`. I made another test with a redmine instance with bundler 2.5.5 installed. In this test, I only deleted the `Gemfile.lock` file and run `bundle update` after this. This worked for me with bundler 2.5.5, too.

Maybe the root cause was in `Gemfile.lock` and this was fixed with `bundle update --bundler` or the newer version of bundle had no problem with the `Gemfile.lock` file.