

## Redmine - Defect #13692

### warning: already initialized constant on Ruby 1.8.7

2013-04-05 10:56 - Kieran Delaney

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Ruby support	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.3.2	<b>Affected version:</b>	2.3.0
<b>Resolution:</b>	Fixed		
<b>Description</b>			
When running the following command (either from the command line or git's post-receive hook) output generated produces warnings.			
<b>Command</b>			
rails runner "Repository.fetch_changesets" -e production			
<b>Warnings</b>			
/usr/lib64/ruby/gems/1.8/gems/coderay-1.0.9/lib/coderay/helpers/file_type.rb:19: warning: already initialized constant UnknownFileType			
/usr/lib64/ruby/gems/1.8/gems/coderay-1.0.9/lib/coderay/helpers/file_type.rb:126: warning: already initialized constant TypeFromExt			
/usr/lib64/ruby/gems/1.8/gems/coderay-1.0.9/lib/coderay/helpers/file_type.rb:132: warning: already initialized constant TypeFromShebang			
/usr/lib64/ruby/gems/1.8/gems/coderay-1.0.9/lib/coderay/helpers/file_type.rb:138: warning: already initialized constant TypeFromName			
We're running redmine via passenger, and almost exclusively calling this script from gits post-receive hook. No functionality is broken, it's just generating warning output in the developers git bash when they push and trigger the script, which is causing a little bit of panic.			
We upgraded directly from 2.1.6 so I do not know if this affected 2.2.x			

#### Associated revisions

##### Revision 11925 - 2013-06-04 16:07 - Toshi MARUYAMA

prevent coderay "warning: already initialized constant" on Ruby 1.8.7 (#13692)

##### Revision 11929 - 2013-06-05 06:06 - Toshi MARUYAMA

Merged r11925 from trunk to 2.3-stable (#13692)

prevent coderay "warning: already initialized constant" on Ruby 1.8.7.

#### History

##### #1 - 2013-05-07 12:31 - Peter Panther

Have the same Issue with Version 2.3.1

Every runner-scripts produces warnings. The Apache log is is also flooded with these messages .....

```
/var/lib/gems/1.8/gems/coderay-1.0.8/lib/coderay/helpers/file_type.rb:19: warning: already initialized constant UnknownFileType
/var/lib/gems/1.8/gems/coderay-1.0.8/lib/coderay/helpers/file_type.rb:126: warning: already initialized constant TypeFromExt
/var/lib/gems/1.8/gems/coderay-1.0.8/lib/coderay/helpers/file_type.rb:132: warning: already initialized constant TypeFromShebang
/var/lib/gems/1.8/gems/coderay-1.0.8/lib/coderay/helpers/file_type.rb:138: warning: already initialized constant TypeFromName
```

##### #2 - 2013-05-08 17:03 - Toshi MARUYAMA

- Subject changed from Updating to warning: already initialized constant

##### #3 - 2013-05-10 03:43 - xilong pei

My redmine, <http://elastos.org/project/> has the same Issue.

```
Environment:
  Redmine version      2.0.3.stable
  Ruby version         1.8.7 (x86_64-linux)
  Rails version        3.2.6
  Environment          production
  Database adapter     MySQL
Redmine plugins:
  no plugin installed
```

#### #4 - 2013-05-28 18:32 - Sen Haerens

Same issue in 2.3.1

```
RAILS_ENV=production ./script/about
```

```
/usr/lib/ruby/gems/1.8/gems/coderay-1.0.9/lib/coderay/helpers/file_type.rb:19: warning: already initialized constant UnknownFileType
/usr/lib/ruby/gems/1.8/gems/coderay-1.0.9/lib/coderay/helpers/file_type.rb:126: warning: already initialized constant TypeFromExt
/usr/lib/ruby/gems/1.8/gems/coderay-1.0.9/lib/coderay/helpers/file_type.rb:132: warning: already initialized constant TypeFromShebang
/usr/lib/ruby/gems/1.8/gems/coderay-1.0.9/lib/coderay/helpers/file_type.rb:138: warning: already initialized constant TypeFromName
```

```
Environment:
  Redmine version      2.3.1.stable.11903
  Ruby version         1.8.7 (i686-linux)
  Rails version        3.2.13
  Environment          production
  Database adapter     MySQL
Redmine plugins:
  no plugin installed
```

#### #5 - 2013-05-29 07:09 - Toshi MARUYAMA

- Category set to Ruby support

#### #6 - 2013-06-03 11:21 - Nicolas Bouthors

Hi all,

I had the same issue and I could fix it by commenting the line 36

```
require 'coderay/helpers/file_type'
```

in redmine/syntax\_highlighting.rb.

It seems to me that this combination of libs causes a include-loop (coderay auto loads syntax\_highlighting).  
Syntax highlight still works after ;)

#### #7 - 2013-06-04 15:33 - Toshi MARUYAMA

- Related to Defect #11089: UTF-8 encoding not showing correctly when looking highlighted php file contents added

#### #8 - 2013-06-04 15:35 - Toshi MARUYAMA

- Related to deleted (Defect #11089: UTF-8 encoding not showing correctly when looking highlighted php file contents)

#### #9 - 2013-06-04 16:00 - Toshi MARUYAMA

- Subject changed from warning: already initialized constant to warning: already initialized constant on Ruby 1.8.7

#### #10 - 2013-06-04 16:01 - Toshi MARUYAMA

- Target version set to 2.4.0

#### #11 - 2013-06-05 06:02 - Toshi MARUYAMA

- Target version changed from 2.4.0 to 2.3.2

#### #12 - 2013-06-05 07:19 - Toshi MARUYAMA

- Status changed from New to Closed

- Resolution set to Fixed

Committed in trunk [r11925](#) and 2.3-stable [r11929](#), thanks.

### #13 - 2013-11-08 11:06 - Bert Fraterman

We're running ruby 2.0.0, but the fix in [r11925](#) causes a problem in displaying code files for us. We're getting a 500 error when trying to view file from the repository. Details:

```
Started GET "/projects/apps/repository/entry/trunk/code/Form1.cs" for 10.0.0.150 at 2013-11-08 10:41:35 +0100
Processing by RepositoriesController#entry as HTML
  Parameters: {"id"=>"apps", "path"=>"trunk/code/Form1.cs"}
  Current user: b.fraterman (id=11)
  Rendered repositories/_navigation.html.erb (3.1ms)
  Rendered repositories/_breadcrumbs.html.erb (1.9ms)
  Rendered repositories/_link_to_functions.html.erb (2.2ms)
  Rendered common/_file.html.erb (2.8ms)
  Rendered repositories/entry.html.erb within layouts/base (11.3ms)
Completed 500 Internal Server Error in 175ms
```

```
ActionView::Template::Error (uninitialized constant CodeRay::FileType):
  2: <table class="filecontent syntaxhl">
  3: <tbody>
  4: <% line_num = 1 %>
  5: <% syntax_highlight_lines(filename, Redmine::CodesetUtil.to_utf8_by_setting(content)).each do |line| %>
  6:   <tr>
  7:     <th class="line-num" id="L<%= line_num %>">
  8:     <a href="#L<%= line_num %>"><%= line_num %></a>
lib/redmine/syntax_highlighting.rb:41:in `highlight_by_filename'
lib/redmine/syntax_highlighting.rb:23:in `highlight_by_filename'
app/helpers/application_helper.rb:394:in `syntax_highlight'
app/helpers/application_helper.rb:389:in `syntax_highlight_lines'
app/views/common/_file.html.erb:5:in `_app_views_common_file_html_erb___3771560638950630625_70345913460960'
app/views/repositories/entry.html.erb:11:in `_app_views_repositories_entry_html_erb___25072457751040657_7034
5912345220'
```

With

```
require 'coderay/helpers/file_type'
```

everything works as expected.

### #14 - 2013-11-18 18:11 - Toshi MARUYAMA

Bert Fraterman wrote:

We're running ruby 2.0.0, but the fix in [r11925](#) causes a problem in displaying code files for us. We're getting a 500 error when trying to view file from the repository. Details:

[...]

With

[...]

everything works as expected.

I cannot reproduce on trunk [r12297](#).

```
Started GET "/projects/redmine-bb-all/repository/entry/app/models/attachment.rb" for 127.0.0.1 at 2013-11-19 0
2:06:50 +0900
Processing by RepositoriesController#entry as HTML
  Parameters: {"id"=>"redmine-bb-all", "path"=>"app/models/attachment.rb"}
  Current user: anonymous
  Rendered repositories/_navigation.html.erb (424.2ms)
  Rendered repositories/_breadcrumbs.html.erb (3.7ms)
  Rendered repositories/_link_to_functions.html.erb (4.1ms)
  Rendered common/_file.html.erb (214.1ms)
  Rendered repositories/entry.html.erb within layouts/base (673.5ms)
Completed 200 OK in 1593.9ms (Views: 708.3ms | ActiveRecord: 5.8ms)
```

```
$ ruby --version
ruby 2.0.0p247 (2013-06-27 revision 41674) [x86_64-linux]
```