Redmine - Defect #42113

Redmine 5.x not starting with ActiveSupport Logger error

2025-01-17 00:44 - Abe Tomoaki

Status:	Closed		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	Go MAEDA		**% Done:**	0%
Category:	Rails support		**Estimated time:**	0.00 hour
Target version:	5.0.11			
Resolution:	Fixed		**Affected version:**	

Description
When I try to start using the 5.1-stable branch on GitHub, it does not start with the following issue. https://github.com/rails/rails/issues/54272 https://github.com/rails/rails/pull/54264

Related issues:	
Has duplicate Redmine - Defect #42120: NameError: uninitialized constant Acti...	**Closed**

Associated revisions

Revision 23442 - 2025-01-17 02:45 - Go MAEDA

Explicitly load 'logger' to avoid NameError with concurrent-ruby 1.3.5 in 5.1-stable (#42113).

Revision 23444 - 2025-01-18 05:59 - Go MAEDA

Explicitly load 'logger' to avoid NameError with concurrent-ruby 1.3.5 in 5.0-stable (#42113).

History

#1 - 2025-01-17 01:39 - Mizuki ISHIKAWA

I was able to reproduce a problem that looked like that.
I switched to 5.1-stable and then deleted the Gemfile.lock in my development environment and did a bundle install.

```
/usr/local/lib/ruby/gems/3.2.0/gems/activesupport-6.1.7.10/lib/active_support/logger_thread_safe_level.rb:16:in `<module:LoggerThreadSafeLevel>': uninitialized constant ActiveSupport::LoggerThreadSafeLevel::Logger (NameError)

    Logger::Severity.constants.each do |severity|
            ^^^^^^^^^^
        from /usr/local/lib/ruby/gems/3.2.0/gems/activesupport-6.1.7.10/lib/active_support/logger_thread_safe_level.rb:9:in `<module:ActiveSupport>'
        from /usr/local/lib/ruby/gems/3.2.0/gems/activesupport-6.1.7.10/lib/active_support/logger_thread_safe_level.rb:8:in `<top (required)>'
        from <internal:/usr/local/lib/ruby/3.2.0/rubygems/core_ext/kernel_require.rb>:38:in `require'
        from <internal:/usr/local/lib/ruby/3.2.0/rubygems/core_ext/kernel_require.rb>:38:in `require'
        from /usr/local/lib/ruby/gems/3.2.0/gems/activesupport-6.1.7.10/lib/active_support/logger_silence.rb:5:in `<top (required)>'
        from <internal:/usr/local/lib/ruby/3.2.0/rubygems/core_ext/kernel_require.rb>:38:in `require'
        from <internal:/usr/local/lib/ruby/3.2.0/rubygems/core_ext/kernel_require.rb>:38:in `require'
        from /usr/local/lib/ruby/gems/3.2.0/gems/activesupport-6.1.7.10/lib/active_support/logger.rb:3:in `<top (required)>'
        from <internal:/usr/local/lib/ruby/3.2.0/rubygems/core_ext/kernel_require.rb>:38:in `require'
        from <internal:/usr/local/lib/ruby/3.2.0/rubygems/core_ext/kernel_require.rb>:38:in `require'
        from /usr/local/lib/ruby/gems/3.2.0/gems/activesupport-6.1.7.10/lib/active_support.rb:29:in `<top (required)>'
        from <internal:/usr/local/lib/ruby/3.2.0/rubygems/core_ext/kernel_require.rb>:38:in `require'
        from <internal:/usr/local/lib/ruby/3.2.0/rubygems/core_ext/kernel_require.rb>:38:in `require'
        from /usr/local/lib/ruby/gems/3.2.0/gems/railties-6.1.7.10/lib/rails/command.rb:3:in `<top (required)>'
        from <internal:/usr/local/lib/ruby/3.2.0/rubygems/core_ext/kernel_require.rb>:38:in `require'
        from <internal:/usr/local/lib/ruby/3.2.0/rubygems/core_ext/kernel_require.rb>:38:in `require'
        from /usr/local/lib/ruby/gems/3.2.0/gems/railties-6.1.7.10/lib/rails/commands.rb:3:in `<top (required)>'
        from <internal:/usr/local/lib/ruby/3.2.0/rubygems/core_ext/kernel_require.rb>:38:in `require'
        from <internal:/usr/local/lib/ruby/3.2.0/rubygems/core_ext/kernel_require.rb>:38:in `require'
        from bin/rails:4:in `<main>'
```

#2 - 2025-01-17 02:06 - Mizuki ISHIKAWA

I have confirmed that the issue can be resolved by making the following changes, as referenced in
https://github.com/rails/rails/pull/54264#issuecomment-2596149819 .

```
diff --git a/Gemfile b/Gemfile
index 290011946..68f40f2bb 100644
--- a/Gemfile
+++ b/Gemfile
@@ -15,6 +15,7 @@ gem 'i18n', '~> 1.14.1'
 gem 'rbpdf', '~> 1.21.3'
 gem 'addressable'
 gem 'rubyzip', '~> 2.3.0'
+gem 'concurrent-ruby', '< 1.3.5'

 #  Ruby Standard Gems
 gem 'csv', '~> 3.2.6'
```

Although this is not a Redmine-specific issue, Rails 6.1 has already reached EOL. If Redmine 5.1 is to continue being supported, it might be necessary for the Redmine project to address this problem on its end.

#3 - 2025-01-17 02:08 - Mizuki ISHIKAWA

This issue does not reproduce on Redmine 6.0-stable or trunk

#4 - 2025-01-17 02:09 - Go MAEDA

- Status changed from New to Confirmed

- Target version set to 5.1.6

#5 - 2025-01-17 02:12 - Go MAEDA

Another workaround:

```
Index: config/boot.rb
===============================================================
--- config/boot.rb     (revision 23435)
+++ config/boot.rb     (working copy)
@@ -4,3 +4,5 @@
 ENV['BUNDLE_GEMFILE'] ||= File.expand_path('../../Gemfile', __FILE__)

 require 'bundler/setup' if File.exist?(ENV['BUNDLE_GEMFILE'])
+
+require 'logger'
```

#6 - 2025-01-17 02:21 - Mizuki ISHIKAWA

Go MAEDA wrote in #note-5:

> Another workaround:
>
> [...]

Good. I think your solution works better.

#7 - 2025-01-17 02:32 - Go MAEDA

- File 42113.diff added

- Category set to Rails support

I will commit the attached patch in the 5.1-stable branch.

#8 - 2025-01-17 02:46 - Go MAEDA

- Status changed from Confirmed to Closed

- Assignee set to Go MAEDA

- Resolution set to Fixed

Committed the fix in r23442.
Thank you for reporting the issue.

#9 - 2025-01-17 03:05 - Abe Tomoaki

Thanks for the quick response.
I forgot to mention the 5.0-stable branch, sorry.
I get the same error on the 5.0-stable branch, will it be committed on there too?

#10 - 2025-01-18 01:53 - Holger Just

- Has duplicate Defect #42120: NameError: uninitialized constant ActiveSupport::LoggerThreadSafeLevel::Logger - Redmine-5.x added

#11 - 2025-01-18 06:11 - Go MAEDA

Abe Tomoaki wrote in #note-9:

> I forgot to mention the 5.0-stable branch, sorry.
> I get the same error on the 5.0-stable branch, will it be committed on there too?

Although Redmine 5.0 is no longer maintained, this issue is critical as it prevents Redmine from starting. Therefore, I have committed the fix in r23444
.

#12 - 2025-01-18 15:34 - Jobin J

Thank you for the fix. Can you please confirm that this issue is fixed in any of the official download links, such as 5.1.5 or 5.0.10?

I spent the whole day yesterday trying to run Redmine on different operating systems and logged ticket #42120.

#13 - 2025-01-20 02:18 - Abe Tomoaki

I was able to start it with 5.0 and 5.1.
Thanks for the support.

#14 - 2025-01-22 03:38 - Miguel Jacq

Thanks for the fix. I had just tried to upgrade from 5.0.10 to 5.1.0 and hit this issue. The fix in
https://www.redmine.org/projects/redmine/repository/svn/revisions/23444 works well.

> Can you please confirm that this issue is fixed in any of the official download links, such as 5.1.5 or 5.0.10?

I don't think it is, they have not yet made a new release with the fix, just applied it in the source.

Since this blocks upgrades, it would be good to get a new release soon.

#15 - 2025-01-26 07:25 - Jobin J

> Since this blocks upgrades, it would be good to get a new release soon.

It blocks the new installation of 5.x too. Hoping to get a new fixed official release asap.

#16 - 2025-01-27 19:38 - Holger Just

For everyone coming across this issue: until there is a new release, you can work around this by adding the following code at the very end of the
config/boot.rb file:

```
require 'logger'
```

#17 - 2025-01-29 10:04 - Go MAEDA

Redmine 5.1.6, which includes the fix for this issue, has been released.
Details: Redmine 6.0.3 and 5.1.6 released

#18 - 2025-01-29 22:03 - Holger Just

Go MAEDA: Thank you for releasing these updates! Just a question though: based on your comment in #42113#note-11 and the release post in
Redmine 6.0.3 and 5.1.6 released, I assumed that you would also release a update for 5.0, i.e. 5.0.11. Did you decide against it?

#19 - 2025-01-30 08:04 - Go MAEDA

Holger Just wrote in #note-18:

> Go MAEDA: Thank you for releasing these updates! Just a question though: based on your comment in #42113#note-11 and the release post in
> Redmine 6.0.3 and 5.1.6 released, I assumed that you would also release a update for 5.0, i.e. 5.0.11. Did you decide against it?

Thank you for your comment.

As I mentioned in [#42113#note-11](), I have backported the fix into the 5.0-stable branch in response to the user request. However, Redmine typically maintains only the current stable version and the previous stable version, so I did not plan to release version 5.0.11.

Do you think it would be beneficial to release 5.0.11 as well? I would appreciate your thoughts on this.

#20 - 2025-01-30 10:37 - Holger Just

According to the currently published release policy at [Download](), Redmine 5.0 is still supposed to receive security updates at least. I that is not actually the case anymore, this published policy should be updated.

I understand that this is not a security update in a stricter sense. However given that the fix has very little chance of regression and resolves the issue of not being able to start Redmine (which affects availability during a bundle update, which in turn is part of most definitions of the term "security"), I think it may be worthwhile to release an update here.

#21 - 2025-01-30 10:48 - Go MAEDA

- Target version changed from 5.1.6 to 5.0.11

#22 - 2025-01-30 11:33 - Go MAEDA

Done!: [Redmine 5.0.11 released]()

#23 - 2025-01-30 11:36 - Marius BĂLTEANU

Thanks for releasing 5.0.11!

Files

42113.diff	483 Bytes	2025-01-17	Go MAEDA