

# Redmine - Defect #35004

## DEPRECATION WARNING during startup

2021-04-02 09:25 - Go MAEDA

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Rails support	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	
<b>Resolution:</b>	Duplicate		

### Description

```
$ bin/rails s
=> Booting Puma
=> Rails 6.1.3.1 application starting in development
=> Run `bin/rails server --help` for more startup options
DEPRECATION WARNING: Initialization autoloaded the constants ActiveRecord::Acts, ActiveRecord::Acts::Tree,
Redmine::I18n, Redmine::Helpers, Redmine::Helpers::URL, Redmine::SafeAttributes, Redmine::SubclassFactory,
CustomField, Redmine::Utils, Redmine::Configuration, Redmine::Scm::Adapters::CommandFailed, IssueRelation,
Redmine::WikiFormatting::Macros, Redmine::Pagination, Redmine::SudoMode, ApplicationHelper,
Redmine::WikiFormatting::Textile, Redmine::WikiFormatting::Textile::Formatter, Redmine::WikiFormatting::Textile::Helper,
Redmine::WikiFormatting::HtmlParser, Redmine::WikiFormatting::Textile::HtmlParser, Redmine::WikiFormatting::Markdown,
Redmine::WikiFormatting::Markdown::HTML, Redmine::WikiFormatting::Markdown::Formatter,
Redmine::WikiFormatting::Markdown::Helper, Redmine::WikiFormatting::Markdown::HtmlParser, and
Redmine::Views::ApiTemplateHandler.
```

Being able to do this is deprecated. Autoloading during initialization is going to be an error condition in future versions of Rails.

Reloading does not reboot the application, and therefore code executed during initialization does not run again. So, if you reload ActiveRecord::Acts, for example, the expected changes won't be reflected in that stale Module object.

`config.autoloader` is set to `classic`. These autoloaded constants would have been unloaded if `config.autoloader` had been set to `zeitwerk`.

In order to autoload safely at boot time, please wrap your code in a reloader callback this way:

```
Rails.application.reloader.to_prepare do
  # Autoload classes and modules needed at boot time here.
end
```

That block runs when the application boots, and every time there is a reload. For historical reasons, it may run twice, so it has to be idempotent.

Check the "Autoloading and Reloading Constants" guide to learn more about how Rails autoloads and reloads.

(called from <top (required)> at /path/to/redmine/config/environment.rb:16)

### Related issues:

Related to Redmine - Feature # 29914: Migrate to Rails 6.1 with Zeitwerk auto...

Closed

## History

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**#1 - 2021-04-02 09:26 - Go MAEDA**

- Related to Feature #29914: Migrate to Rails 6.1 with Zeitwerk autoloading added

**#2 - 2021-04-02 16:35 - Pavel Rosický**

refs #32938

**#3 - 2021-04-04 13:06 - Marius BALTEANU**

- Duplicated by Defect #35028: Deprecation message when executing 'bundle install' added

**#4 - 2021-04-04 13:07 - Marius BALTEANU**

- Duplicated by deleted (Defect #35028: Deprecation message when executing 'bundle install')

**#5 - 2021-04-13 11:13 - Go MAEDA**

- Status changed from New to Closed

- Target version deleted (5.0.0)

- Resolution set to Duplicate

Closing as a duplicate of #32938.

**#6 - 2021-04-13 11:13 - Go MAEDA**

- Duplicates Feature #32938: Rails 6: Zeitwerk support added