Redmine 4.1 installation fails due to an attempt to install sprockets 4.0.0 if bundler prior to 1.15.2 is used on Ruby prior to 2.5

2020-01-19 20:04 - Deoren Moor

Status: Closed
Priority: Normal
Assignee: Go MAEDA
Category: Gems support
Target version: 4.1.1
Resolution: Fixed

Description

When we upgraded to Redmine 4.1.0 from 4.0.6 we encountered an error when bundler attempted to install sprockets 4.0.0:

```
Fetching sprockets 4.0.0
Installing sprockets 4.0.0
Gem::InstallError: sprockets requires Ruby version >= 2.5.0.
An error occurred while installing sprockets (4.0.0), and Bundler cannot continue.
Make sure that `gem install sprockets -v '4.0.0' --source 'https://rubygems.org/` succeeds before bundling.
```

Our Redmine instance is running on an Ubuntu 16.04 system which provides Ruby 2.3. According to the official docs, Ruby 2.3 is still supported.

We worked around the issue by manually including the change in r18634 to our Gemfile.local file.

Related issues:

- Related to Redmine - Defect # 32223: Disable sprockets to avoid Sprockets::Ra... Closed
- Blocks Redmine - Patch # 32841: Drop support for Bundler prior to 1.12.0 Closed

Associated revisions

Revision 19456 - 2020-01-25 03:16 - Go MAEDA

Redmine 4.1 installation fails due to an attempt to install sprockets 4.0.0 if bundler prior to 1.15.2 is used on Ruby prior to 2.5 (#32839).

Patch by Go MAEDA.

Revision 19457 - 2020-01-25 03:21 - Go MAEDA

Merged r19456 from trunk to 4.1-stable (#32839).

History

#1 - 2020-01-20 07:13 - Go MAEDA
- Category changed from Ruby support to Gems support
- Status changed from New to Confirmed
- Target version set to 4.1.1
I have confirmed that the error occurs if the version of bundler is 1.15.1 or earlier.

I think we have two options to fix this issue:

- Option 1: Raise the minimum required version of bundler to 1.15.2 by updating Gemfile (source:tags/4.1.0/Gemfile#L3) and make users upgrade bundler. Since bundler 1.15.1 that was released in June 2017 is so old, I prefer this approach.
- Option 2: Apply the following patch. I don't like this because it adds 3 lines to Gemfile.

```
--- Gemfile （リビジョン 19434）
+++ Gemfile （作業コピー）
@@ -16,6 +16,9 @@
gem "i18n", "~> 1.6.0"

gem "rbpdf", "~> 1.20.0"

+# Remove the following line when Redmine drops the support for Ruby 2.4 (#32839)
+gem 'sprockets', "~> 3.7.2" if RUBY_VERSION < '2.5'
+
  # Windows does not include zoneinfo files, so bundle the tzinfo-data gem
  gem 'tzinfo-data', platforms: [:mingw, :x64_mingw, :mswin]
```

The committed fix is option 2. I have changed my mind that it is not a good idea to have admins do extra work like upgrading Bundler.