Ruby 2.7 support

Ruby 2.7.0 is going to be released on 2019-12-25.

https://bugs.ruby-lang.org/versions/35

### Related issues:
- Related to Redmine - Patch # 32527: Fix ruby 2.7 warning: given argument is n... (Closed)
- Related to Redmine - Patch # 32542: Fix ruby 2.7 warning: The last argument i... (Closed)
- Related to Redmine - Defect # 32752: Ruby 2.7: Remove deprecated URI.escape/u... (Closed)
- Related to Redmine - Patch # 32906: Update i18n (~> 1.8.2) (Closed)
- Related to Redmine - Patch # 32907: Update capybara (~> 3.31.0) (Closed)
- Related to Redmine - Defect # 33021: [v.4.0.5-stable] Internal Server Error 5... (New)
- Copied from Redmine - Feature # 30118: Ruby 2.6 support (Closed)

### Associated revisions

**Revision 19324 - 2019-11-30 06:40 - Go MAEDA**

Ruby 2.7: Regexp#match and Regexp#match? with a nil argument are deprecated (#32527, #31500).

**Revision 19454 - 2020-01-23 16:42 - Go MAEDA**

Fix ruby 2.7 warning: The last argument is used as the keyword parameter (#32542, #31500).

Patch by Seiei Miyagi.

**Revision 19455 - 2020-01-24 00:28 - Go MAEDA**

Ruby 2.7: Remove deprecated URI.escape/unescape (#32752).

Patch by Go MAEDA.

### History

**#1 - 2019-06-03 02:56 - Go MAEDA**
- Copied from Feature #30118: Ruby 2.6 support added

**#2 - 2019-11-28 23:06 - Go MAEDA**
- Related to Patch #32527: Fix ruby 2.7 warning: given argument is nil; this will raise a TypeError in the next release added

**#3 - 2019-12-02 05:48 - Seiei Miyagi**
With ruby 2.7, following tests failed.

  bin/rails test test/functional/timelog_report_test.rb:262
  bin/rails test test/functional/timelog_report_test.rb:308

I send a pull request to ruby/csv to fix it.

https://github.com/ruby/csv/pull/111

The pull request is merged but not released yet.

#4 - 2019-12-03 09:17 - Go MAEDA
- Related to Patch #32542: Fix ruby 2.7 warning: The last argument is used as the keyword parameter added

#5 - 2020-01-04 05:09 - Go MAEDA
- Related to Defect #32752: Ruby 2.7: Remove deprecated URI.escape/unescape added

#6 - 2020-01-28 22:28 - Marius BALTEANU
- Related to Patch #32906: Update i18n (~> 1.8.2) added

#7 - 2020-01-29 09:20 - Go MAEDA
- Related to Patch #32907: Update capybara (~> 3.31.0) added

#8 - 2020-02-19 10:45 - Go MAEDA
- Related to Defect #33021: [v.4.0.5-stable] Internal Server Error 500 when accessing 'repository' tab added