Add Ruby 3.2 support

Status: Closed
Priority: Normal
Assignee: Go MAEDA
Category: Ruby support
Target version: 5.1.0
Resolution: Fixed

Related issues:
- Related to Redmine - Defect #38100: Ruby 3.2: Encoding::CompatibilityError when running ChangesetTest#test_invalid_utf8_sequences_in_comments_should_be_replaced_latin1 added
- Related to Redmine - Defect #38118: Ruby 3.2: Markdown formatter warns "undefined method `to_s'' of nil (NameError)" when running ChangesetTest#test_valid_markdown should be valid_markdown added
- Related to Redmine - Patch #38121: Update MiniMagick to 4.12
- Related to Redmine - Patch #38124: Update csv, net-imap, net-pop, and net-smtp
- Related to Redmine - Feature #38134: Drop Ruby 2.6 support
- Related to Redmine - Patch #38181: Update Nokogiri to 1.15.2
- Related to Redmine - Patch #38220: Update Redcarpet to 3.6
- Related to Redmine - Defect #39576: `rake yard` does not work with Ruby >= 3.2
- Copied to Redmine - Feature #39761: Ruby 3.3 support

Description

Revision 22000 - 2022-12-26 02:36 - Go MAEDA
Ruby 3.2: `Changeset.normalize_comments` raises Encoding::CompatibilityError if the string contains an invalid UTF-8 byte sequence (#38099, #38100).

Patch by Go MAEDA.

Revision 22001 - 2022-12-26 02:47 - Go MAEDA
Update Gemfile to allow using Ruby 3.2 (#38099).

Revision 22044 - 2023-01-15 07:13 - Go MAEDA
Add Ruby 3.2 to the supported Ruby versions (#38099).

History

#1 - 2022-12-24 09:30 - Go MAEDA
- Related to Defect #38100: Ruby 3.2: Encoding::CompatibilityError when running ChangesetTest#test_invalid_utf8_sequences_in_comments_should_be_replaced_latin1 added

#2 - 2022-12-24 09:31 - Go MAEDA
- File 38099.patch added

#3 - 2022-12-24 09:32 - Go MAEDA
- File deleted (38099.patch)

#4 - 2022-12-26 02:51 - Go MAEDA
r22001 passes all tests with Ruby 3.2.
I will keep this issue open for a while, and if no new issues related to Ruby 3.2 are reported, I will update the supported Ruby versions in doc/INSTALL and close this issue.

#5 - 2022-12-26 08:44 - Go MAEDA
Nokogiri 1.13.10 does not yet support Ruby 3.2. Waiting for the next release of Nokogiri.

```
$ bundle up
Fetching gem metadata from https://rubygems.org/........
Resolving dependencies...
Could not find compatible versions
Because nokogiri >= 1.13.10 (x86_64-darwin) depends on Ruby >= 2.6, < 3.2.dev
and Gemfile depends on nokogiri ~> 1.13.10,
Ruby >= 2.6, < 3.2.dev is required.
So, because current Ruby version is = 3.2.0,
version solving has failed.
```

Updated Nokogiri to 1.14.0 in r22043 and now Redmine works with Ruby 3.2.