

Redmine - Defect #14656

JRuby: Encoding error when creating issues

2013-08-09 14:21 - Vincent Mathon

| | | | |
|---|--------------|--------------------------|-----------|
| Status: | Closed | Start date: | |
| Priority: | Normal | Due date: | |
| Assignee: | | % Done: | 0% |
| Category: | Ruby support | Estimated time: | 0.00 hour |
| Target version: | 2.3.4 | Affected version: | 2.3.2 |
| Resolution: | Fixed | | |
| Description | | | |
| <p>I upgraded from Redmine 1.4.4 to Redmine 2.3.2. Redmine is built as a war using warbler-1.3.8, JRuby 1.7.2 and run on TOMCAT 7.0.37 with a JVM 1.6.31 on a RHEL 64 bit machine. The database is a Mysql 5.5.28 and redmine tables are using a charset utf8. We connect Redmine database with the following database.yml:</p> <pre>production: adapter: jdbc jndi: java:/comp/env/jdbc/Redmine driver: com.mysql.jdbc.Driver</pre> <p>We do sometime observe the following issue:</p> <pre>Encoding::CompatibilityError (incompatible character encodings: ASCII-8BIT and UTF-8): app/models/issue.rb:159:in `create_or_update' app/controllers/issues_controller.rb:141:in `create'</pre> <p>The last database log before the exception is</p> <pre>INFO: [1m[36mIssue Load (1.0ms)[0m [1mSELECT `issues`.* FROM `issues` WHERE `issues`.`root_id` IS NULL ORDER BY `rgt` desc LIMIT 1 FOR UPDATE[0m</pre> <p>Note that we can create issues with all kind of strange characters both in subject and detail. But the following case:</p> <pre>Subject=AS400 : fonctionnement autorisation utilisation email à revoir Detail=Rendre pré-alimenter à l'utilisation</pre> <p>fails systematically. If the subject becomes "AS400 : fonctionnement autorisation utilisation" and the detail remains unchanged it works !</p> <p>As a workaround we can create the issue with the subject and update it with the detail in a second step...</p> | | | |
| Related issues: | | | |
| Related to Redmine - Defect #14883: Update activerecord-jdbc-adapter | | Closed | |

History

#1 - 2013-08-11 02:12 - Toshi MARUYAMA

- Subject changed from Encoding error when creating issues to JRuby: Encoding error when creating issues

- Category changed from Issues to Ruby support

#2 - 2013-09-16 15:42 - Vincent Mathon

I have solved the problem by upgrading activerecord-jdbc-adapter to version 1.2.7 (this issue seems to be related to an [activerecord-jdbc-adapter encoding defect](#)).

To achieve this I have modified two files:

Gemfile

```
....
platforms :jruby do
  # jruby-openssl is bundled with JRuby 1.7.0
  gem "jruby-openssl" if Object.const_defined?(:JRUBY_VERSION) && JRUBY_VERSION < '1.7.0'
  gem "activerecord-jdbc-adapter", "1.2.7"
end
....
```

and Gemfile.lock

```
.....
activerecord (3.2.13)
  activemodel (= 3.2.13)
  activesupport (= 3.2.13)
  arel (~> 3.0.2)
  tzinfo (~> 0.3.29)
activerecord-jdbc-adapter (1.2.7)
activerecord-jdbcmysql-adapter (1.2.7)
  activerecord-jdbc-adapter (~> 1.2.7)
  jdbc-mysql (~> 5.1.0)
....
```

```
DEPENDENCIES
  activerecord-jdbc-adapter (= 1.2.7)
....
```

Sincerely
Vincent MATHON

#3 - 2013-09-21 17:59 - Toshi MARUYAMA

- Target version set to 2.3.4

#4 - 2013-09-23 03:44 - Toshi MARUYAMA

- Related to Defect #14883: Update activerecord-jdbc-adapter added

#5 - 2013-09-30 05:28 - Toshi MARUYAMA

- Status changed from New to Closed

- Resolution set to Fixed

Updated jdbc adapter version above 1.2.6 in Gemfile by trunk [r12172](#) and 2.3-stable [r12174](#).