

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

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:

```
production:
  adapter: jdbc
  jndi: java:/comp/env/jdbc/Redmine
  driver: com.mysql.jdbc.Driver
```

We do sometime observe the following issue:

```
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'
```

The last database log before the exception is

```
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
```

Note that we can create issues with all kind of strange characters both in subject and detail. But the following case:

```
Subject=AS400 : fonctionnement autorisation utilisation email à revoir
Detail=Rendre pré-alimenter à l'utilisation
```

fails systematically. If the subject becomes "AS400 : fonctionnement autorisation utilisation" and the detail remains unchanged it works !

As a workaround we can create the issue with the subject and update it with the detail in a second step...

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.