

Redmine - Patch #6469

"Activity" doesn't work with oracle database

2010-09-23 07:56 - Nelzin Alexander

Status:	Closed	Start date:	2010-09-23
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Database	Estimated time:	0.00 hour
Target version:			

Description

Here is error

```
ActiveRecord::StatementInvalid (OCIError: ORA-00932: inconsistent datatypes: expected - got CLOB:
select * from (SELECT DISTINCT "JOURNALS".id, FIRST_VALUE(journals.id) OVER (PARTITION BY "JOURNAL
S".id ORDER BY journals.id DESC) AS alias_0__ FROM "JOURNALS" LEFT OUTER JOIN "ISSUES" ON "ISSUES
".id = "JOURNALS".journalized_id LEFT OUTER JOIN "PROJECTS" ON "PROJECTS".id = "ISSUES".project_i
d LEFT OUTER JOIN "JOURNAL_DETAILS" ON journal_details.journal_id = journals.id WHERE (journals.j
ournalized_type = 'Issue' AND (journal_details.prop_key = 'status_id' OR journals.notes <> '')) AN
D (1=1 AND (journals.user_id = 514) AND (projects.status=1 AND projects.id IN (SELECT em.project_i
d FROM enabled_modules em WHERE em.name='issue_tracking')) ORDER BY alias_0__ DESC) where rownum
<= 10):
```

```
 /Library/Ruby/Gems/1.8/gems/activerecord-oracle_enhanced-adapter-1.3.0/lib/active_record/connect
ion_adapters/oracle_enhanced_adapter.rb:1726:in `log'
```

```
 /Library/Ruby/Gems/1.8/gems/activerecord-oracle_enhanced-adapter-1.3.0/lib/active_record/connect
ion_adapters/oracle_enhanced_adapter.rb:1609:in `select'
```

```
 lib/redmine/activity/fetcher.rb:76:in `events'
```

```
 lib/redmine/activity/fetcher.rb:75:in `each'
```

```
 lib/redmine/activity/fetcher.rb:75:in `events'
```

```
 lib/redmine/activity/fetcher.rb:74:in `each'
```

```
 lib/redmine/activity/fetcher.rb:74:in `events'
```

```
 app/controllers/users_controller.rb:59:in `show'
```

Rendered rescues/_trace (136.1ms)

Rendered rescues/_request_and_response (1.3ms)

Rendering rescues/layout (internal_server_error)

You cannot perform this operation ("<>") with clob field in oracle. The solution is to change this query.

Here is the patch to make it work with oracle:

Index: app/models/journal.rb

```
--- app/models/journal.rb      (revision 1538)
```

```
+++ app/models/journal.rb      (revision 1539)
```

```
@@ -36,7 +36,7 @@
```

```
      :author_key => :user_id,
```

```
      :find_options => {:include => [[:issue => :project], :details, :user]
```

```
      ,
      :conditions => "#{Journal.table_name}.journalized_t
```

```
ype = 'Issue' AND" +
```

```
-                                     " (#{JournalDetail.table_name}.prop_
```

```
key = 'status_id' OR #{Journal.table_name}.notes <> ')"}
```

```
+                                     " (#{JournalDetail.table_name}.prop_
```

```
key = 'status_id' OR LENGTH(#{Journal.table_name}.notes) > 0)"}
```

```
  def save(*args)
```

```
    # Do not save an empty journal
```

My environment:

Redmine 1.0.1.stable.1536 (OracleEnhanced)

```
~/Sites/redmine-1.0 $ ruby script/about
About your application's environment
Ruby version          1.8.7 (universal-darwin10.0)
RubyGems version     1.3.5
Rack version         1.0
Rails version        2.3.5
Active Record version 2.3.5
Active Resource version 2.3.5
Action Mailer version 2.3.5
Active Support version 2.3.5
Application root     /Users/alexander_nelzin/Sites/redmine-1.0
Environment          development
Database adapter     oracle_enhanced
Database schema version 20100819172912
```

Related issues:

Related to Redmine - Feature #944: Oracle Support in Redmine	Closed	2008-03-28
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History

#1 - 2010-09-23 08:33 - Jean-Baptiste Barth

Did you test your patch with Mysql, Postgresql and Sqlite3 ? Oracle is not officially supported, so we cannot apply your patch if we're not absolutely sure it won't break anything on supported architectures.

#2 - 2010-09-23 09:47 - Nelzin Alexander

I have only PostgreSQL 8.4.4 available here. PostgreSQL 8.4.4 works fine with this patch. Nothing has broken.

I didn't test with Mysql and Sqlite3 databases.

Hope someone who uses other databases can test it.

#3 - 2010-09-23 09:56 - Nelzin Alexander

My configuration I tested Redmine with Postgres:

```
gem postgres-pr (0.6.3)
PostgreSQL server 8.4.4
```

```
~/Sites/redmine-1.0-postgres $ ruby script/about
About your application's environment
Ruby version          1.8.7 (universal-darwin10.0)
RubyGems version     1.3.5
Rack version         1.0
Rails version        2.3.5
Active Record version 2.3.5
Active Resource version 2.3.5
Action Mailer version 2.3.5
Active Support version 2.3.5
Application root     /Users/alexander_nelzin/Sites/redmine-1.0-postgres
Environment          development
Database adapter     postgresql
Database schema version 20100819172912
```

#4 - 2011-04-18 07:59 - Toshi MARUYAMA

- *Category set to Database*

#5 - 2018-10-03 03:54 - Go MAEDA

- *Status changed from New to Closed*

The latest version of Redmine does not support Oracle database. Please refer to [RedmineInstall](#) for supported databases.

Files

journals_query.patch	849 Bytes	2010-09-23	Nelzin Alexander
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