

## Redmine - Defect #10405

### TimeZone information lost when import from scm (utc timezone for server)

2012-03-08 13:17 - Nickolay Mischenko

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	SCM	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	
<b>Resolution:</b>			

**Description**  
Good day, community

**Reproduce**  
I have:

- redmine 1.2.1 stable installed
- svn 1.6 installed on same server
- utc timezone for redmine set (config.active\_record.default\_timezone = :utc)
- one project with associated svn repository

What I do:

1. I commit my revision 5755 in issue 1379 at 8.3.2012 00.38 UTC (local time - 8.3.2012 11.38 UTC+11)

What I see:

1. Right after that, in issue 1379 view, I see revision time: 8.3.2012 21.38 (view user profile time - UTC+10)
2. Even if I logged as another user (view user profile - UTC) I see revision time: 8.3.2012 11.38am

What I suppose to see:

1. Revision time must be 8.3.2012 11.38 in my local time or 8.3.2012 00.38 in UTC

**Why it happens?**  
I think it happend when using Time instead Time.zone to write values to ActiveRecord.datetime fields.  
I've check:

1. svnlook info -r 5757 /var/svn gives me right time - 2012-03-08 11:38:01 +1100
2. mysql gives me real database info: changesets.committed\_on = "2012-03-08 11:38:01" mean it's written wrong (server uses utc time to write, no timezone correction made)

After some investigation I found that time readed from svn readed as Time object, not Time.zone, even in 1.3.1, see: [svn adapter, line 190](#)

In this case, Time.zone.parse should be used instead of Time.parse, but another scm adapters also used Time.parse, and there is more correct way to fix this error: in Changeset#committed\_on=

```
def committed_on(date)
  Time.zone = "UTC"
  date = date.in_time_zone if date.respond_to?(:in_time_zone)
  self.commit_date = date
  super
end
```

It solve problem in my turn, but one problem that Time.zone UTC hardcoded used, anyone suppose better solution? I've found, that another issues related to this:

- [#5657](#), seems to very like my one
- [#6145](#), is subset of this

**Information:**

```
Redmine 1.2.1.stable.6316 (MYSQL)
Ruby version          1.8.7 (i486-linux)
RubyGems version     1.3.6
Rack version         1.1
Rails version        2.3.11
Active Record version 2.3.11
Active Resource version 2.3.11
Action Mailer version 2.3.11
Active Support version 2.3.11
Application root     /var/www-apps/redmine
Environment          production
Database adapter     mysql
Database schema version 20110511000000
```