**Redmine - Defect #19957**  
**acts_as_versioned not compatible with ActiveRecord 4.2.1**  
2015-05-27 13:55 - taha mohammed el kahlaoui

<table>
<thead>
<tr>
<th>Status</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee</td>
<td>Jean-Philippe Lang</td>
</tr>
<tr>
<td>Category</td>
<td>Rails support</td>
</tr>
<tr>
<td>Target version</td>
<td>3.0.4</td>
</tr>
<tr>
<td>Resolution</td>
<td>Fixed</td>
</tr>
<tr>
<td>Affected version</td>
<td>3.0.3</td>
</tr>
</tbody>
</table>

**Description**

Method type_cast is now renamed to type_cast_from_database.

**Related issues:**
- Related to Redmine - Feature #19959: use paper_trail gem instead of bundled ...  
  Closed
- Related to Redmine - Defect #24348: acts_as_versioned use old style (Rails 2...  
  Closed

**Associated revisions**

Revision 14294 - 2015-05-31 09:19 - Jean-Philippe Lang

acts_as_versioned not compatible with ActiveRecord 4.2.1 (#19957).

Revision 14306 - 2015-06-13 13:10 - Jean-Philippe Lang

Merged r14294 (#19957).

**History**

#1 - 2015-05-27 16:39 - Toshi MARUYAMA

https://github.com/redmine/redmine/pull/55

I noticed exceptions when plugin use acts_as_versioned because of ActiveRecord.

#2 - 2015-05-27 16:42 - Toshi MARUYAMA

It seems acts_as_versioned is dead.
https://github.com/JoelJuliano/acts_as_versioned

I think we would better use paper_trail gem instead.
https://github.com/airblade/paper_trail

#3 - 2015-05-27 16:51 - Toshi MARUYAMA

- Target version set to 3.0.4

https://patch-diff.githubusercontent.com/raw/redmine/redmine/pull/55.diff

diff --git a/lib/plugins/acts_as_versioned/lib/acts_as_versioned.rb b/lib/plugins/acts_as_versioned/lib/acts_as_versioned.rb
def write_changed_attribute(attr_name, attr_value)
    # Convert to db type for comparison. Avoids failing Float<=>String comparisons.
    - attr_value_for_db = self.class.columns_hash[attr_name.to_s].type_cast(attr_value)
    + attr_value_for_db = self.class.columns_hash[attr_name.to_s].type_cast_from_database(attr_value)
    (self.altered_attributes ||= []) << attr_name.to_s unless self.changed?(attr_name) || self.send(attr_name) == attr_value_for_db
    write_attribute(attr_name, attr_value_for_db)
end

#4 - 2015-05-27 16:53 - Toshi MARUYAMA
- Related to Feature #19959: use paper-trail gem instead of bundled acts_as_versioned added

#5 - 2015-05-30 10:27 - Jean-Philippe Lang
- Status changed from New to Needs feedback

Can we have a test that triggers this error in Redmine?

#6 - 2015-05-30 10:34 - Toshi MARUYAMA

Jean-Philippe Lang wrote:

> Can we have a test that triggers this error in Redmine?

I think we don't use this code, so we cannot test.
We cannot manage unused code of bundled gem, so we should use maintained gem instead (#19959).

#7 - 2015-05-31 09:20 - Jean-Philippe Lang
- Category set to Rails support
- Status changed from Needs feedback to Resolved
- Resolution set to Fixed

Patch committed.

#8 - 2015-06-13 13:10 - Jean-Philippe Lang
- Status changed from Resolved to Closed
- Assignee set to Jean-Philippe Lang

#9 - 2016-11-14 16:45 - Toshi MARUYAMA
- Related to Defect #24348: acts_as_versioned use old style (Rails 2.x) of method call for #all added