

## Redmine - Defect #19957

### acts\_as\_versioned not compatible with ActiveRecord 4.2.1

2015-05-27 13:55 - taha mohammed el kahlaoui

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%
<b>Category:</b>	Rails support	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.0.4	<b>Affected version:</b>	3.0.3
<b>Resolution:</b>	Fixed		
<b>Description</b>			
Method type_cast is now renamed to type_cast_from_database.			
<b>Related issues:</b>			
Related to Redmine - Feature #19959: use paper_trail gem instead of bundled a...		<b>Closed</b>	
Related to Redmine - Defect #24348: acts_as_versioned use old style (Rails 2....		<b>Closed</b>	

#### 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](https://github.com/JoelJuliano/acts_as_versioned)

I think we would better use paper\_trail gem instead.

[https://github.com/airblade/paper\\_trail](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_a
s_versioned.rb
index 618cf07..224a0c7 100644
--- a/lib/plugins/acts_as_versioned/lib/acts_as_versioned.rb
+++ b/lib/plugins/acts_as_versioned/lib/acts_as_versioned.rb
@@ -447,7 +447,7 @@ def clear_altered_attributes

    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(a
ttr_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