

## Redmine - Defect #21071

### find\_referenced\_issue\_by\_id fails with RangeError for large numbers

2015-10-26 16:47 - Ricardo S

<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>	SCM	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.0.6	<b>Affected version:</b>	
<b>Resolution:</b>	Fixed		

#### Description

When a commit message contains a large number like **#2010021810000121** it becomes impossible to open the repository view.

On the log we get the error:

A RangeError occurred in repositories#show:

2010021810000121 is out of range for ActiveRecord::ConnectionAdapters::SQLServer::Type::Integer with limit 4

```
app/models/changeset.rb:203:in `find_referenced_issue_by_id'  
app/models/changeset.rb:134:in `block (2 levels) in scan_comment_for_issue_ids'  
app/models/changeset.rb:133:in `each'  
app/models/changeset.rb:133:in `block in scan_comment_for_issue_ids'  
app/models/changeset.rb:129:in `scan'  
app/models/changeset.rb:129:in `scan_comment_for_issue_ids'  
app/models/changeset.rb:102:in `scan_for_issues'  
app/models/repository/git.rb:218:in `save_revision'  
app/models/repository/git.rb:207:in `block (2 levels) in save_revisions'  
app/models/repository/git.rb:204:in `block in save_revisions'  
app/models/repository/git.rb:203:in `each'  
app/models/repository/git.rb:203:in `save_revisions'  
app/models/repository/git.rb:153:in `fetch_changesets'  
app/controllers/repositories_controller.rb:114:in `show'  
lib/redmine/sudo_mode.rb:63:in `sudo_mode'
```

Our system is running with following versions (but it also affects the current redmine trunk):

#### Environment:

Redmine version	3.1.0.devel
Ruby version	2.2.3-p173 (2015-08-18) [i386-linux-gnu]
Rails version	4.2.3
Environment	production
Database adapter	SQLServer

#### SCM:

Subversion	1.8.8
Mercurial	2.8.2
Cvs	1.12.13
Git	1.9.1
Filesystem	

## Associated revisions

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### Revision 14758 - 2015-10-29 14:47 - Jean-Philippe Lang

find\_referenced\_issue\_by\_id fails with RangeError for large numbers (#21071).

### Revision 14802 - 2015-11-07 09:18 - Jean-Philippe Lang

Merged r14758 (#21071).

### Revision 14803 - 2015-11-07 09:18 - Jean-Philippe Lang

Merged r14758 (#21071).

## History

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### #1 - 2015-10-26 18:01 - Toshi MARUYAMA

- *Category set to Database*

### #2 - 2015-10-26 18:03 - Toshi MARUYAMA

It seems Rails 4.2 behavior change.

- <https://github.com/rails/rails/pull/19717>
- <https://github.com/rails/rails/issues/21309>

### #3 - 2015-10-26 18:16 - Toshi MARUYAMA

Try this patch.

```
diff --git a/app/models/changeset.rb b/app/models/changeset.rb
--- a/app/models/changeset.rb
+++ b/app/models/changeset.rb
@@ -200,7 +200,11 @@ class Changeset < ActiveRecord::Base
  # Finds an issue that can be referenced by the commit message
  def find_referenced_issue_by_id(id)
    return nil if id.blank?
-   issue = Issue.includes(:project).where(:id => id.to_i).first
+   issue = begin
+     Issue.includes(:project).where(:id => id.to_i).first
+   rescue RangeError
+     nil
+   end
  if Setting.commit_cross_project_ref?
    # all issues can be referenced/fixe
    elsif issue
```

### #4 - 2015-10-26 18:46 - Ricardo S

Thank you.

That fixed it.

**#5 - 2015-10-29 14:47 - Jean-Philippe Lang**

- *Category changed from Database to SCM*
- *Status changed from New to Resolved*
- *Assignee set to Jean-Philippe Lang*
- *Target version set to 3.0.6*
- *Resolution set to Fixed*

Fixed in r14758.

**#6 - 2015-11-07 09:18 - Jean-Philippe Lang**

- *Status changed from Resolved to Closed*