Redmine - Defect #4745
Bug in index.xml.builder (issues)

2010-02-05 16:00 - Yohann Monnier

Status:	Closed		**Start date:**	2010-02-05
Priority:	Normal		**Due date:**	
Assignee:	Eric Davis		**% Done:**	100%
Category:	REST API		**Estimated time:**	0.00 hour
Target version:	1.0.0 (RC)			
Resolution:	Fixed		**Affected version:**	

Description

in this file at :

    xml.issues :type => 'array' , :count => @issue_count do

The ":count" parameter will cause an error calling issues from activeresource :

    can't typecast "1"
     ["/var/lib/gems/1.8/gems/activesupport-2.3.5/lib/active_support/core_ext/hash/conversions.rb:182:in `typecast_xml_value'",
    "/var/lib/gems/1.8/gems/activesupport-2.3.5/lib/active_support/core_ext/hash/conversions.rb:208:in `typecast_xml_value'",
    "/var/lib/gems/1.8/gems/activesupport-2.3.5/lib/active_support/core_ext/hash/conversions.rb:199:in `inject'",

If you delete this parameter, all is working fine.

My configuration

Ruby version   1.8.7 (i486-linux)
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   /var/www/redmine
Environment   development
Database adapter   postgresql
Database schema version 20091227112908

Related issues:			
Related to Redmine - Feature # 6140: REST issues response with issue count li...		**Closed**	**2010-08-13**
Duplicated by Redmine - Defect # 5226: 'can't typecast' in REST API for issues		**Closed**	**2010-03-31**

Associated revisions

Revision 3631 - 2010-04-10 09:30 - Eric Davis

Removed count from issues.xml. It causes a typecast error in ActiveResource. (#4745)

History

#1 - 2010-02-12 03:03 - Artem Kulyabin

REST API bug?

I tried to run the script http://www.redmine.org/wiki/redmine/Rest_api_with_ruby. Displays an error message:

/home/artem/.gem/ruby/1.8/gems/activesupport-2.3.5/lib/active_support/core_ext/hash/conversions.rb:182:in `typecast_xml_value': can't typecast "2" (RuntimeError)

I deleted :count => @issue_count in app/views/issues/index.xml.builder and all earned.

#2 - 2010-02-12 03:44 - Artem Kulyabin

I wrote a script rest.rb:

```
require 'rubygems'
require 'active_resource'

class Issue < ActiveResource::Base
  self.site = 'http://www.redmine.org/'
end

issues = Issue.find(:all)
puts issues.first.subject
```

$ ruby rest.rb

/home/artem/.gem/ruby/1.8/gems/activesupport-2.3.5/lib/active_support/core_ext/hash/conversions.rb:182:in `typecast_xml_value': can't typecast "1794" (RuntimeError)

#3 - 2010-02-12 04:00 - Artem Kulyabin

I wrote a script rest2.rb:

```
require 'rubygems'
require 'active_resource'

class Project < ActiveResource::Base
  self.site = 'http://www.redmine.org/'
end

projects = Project.find(:all)
puts projects.first.name
```

$ ruby rest2.rb

Redmine

It works!

#4 - 2010-02-12 08:23 - Yohann Monnier

thats what i said, if you delete the :count parameter, all is working fine !

#5 - 2010-04-10 09:29 - Eric Davis

- Category set to REST API

- Status changed from New to Closed

- Assignee set to Eric Davis

- Target version set to 1.0.0 (RC)

- % Done changed from 0 to 100

- Resolution set to Fixed

I've removed the count attribute in issues.xml. It's not ideal because of the pagination won't show all of the issues but it breaks ActiveResource.

Here's the full error for the search:

```
RuntimeError: can't typecast "368"
      from /usr/lib/ruby/gems/1.8/gems/activesupport-2.3.5/lib/active_support/core_ext/hash/conversions.rb:182:in `typecast_xml_value'
      from /usr/lib/ruby/gems/1.8/gems/activesupport-2.3.5/lib/active_support/core_ext/hash/conversions.rb:208:in `typecast_xml_value'
      from /usr/local/lib/site_ruby/1.8/rubygems/custom_require.rb:31:in `inject'
      from /usr/lib/ruby/gems/1.8/gems/activesupport-2.3.5/lib/active_support/core_ext/hash/conversions.rb:207:in `each'
      from /usr/lib/ruby/gems/1.8/gems/activesupport-2.3.5/lib/active_support/core_ext/hash/conversions.rb:207:in `inject'
      from /usr/lib/ruby/gems/1.8/gems/activesupport-2.3.5/lib/active_support/core_ext/hash/conversions.rb:207:in `typecast_xml_value'
      from /usr/lib/ruby/gems/1.8/gems/activesupport-2.3.5/lib/active_support/core_ext/hash/conversions.rb:164:in `from_xml'
      from /usr/lib/ruby/gems/1.8/gems/activeresource-2.3.5/lib/active_resource/formats/xml_format.rb:19:in `decode'
      from /usr/lib/ruby/gems/1.8/gems/activeresource-2.3.5/lib/active_resource/connection.rb:138:in `get'
      from /usr/lib/ruby/gems/1.8/gems/activeresource-2.3.5/lib/active_resource/base.rb:639:in `find_every'
      from /usr/lib/ruby/gems/1.8/gems/activeresource-2.3.5/lib/active_resource/base.rb:582:in `find'
      from (irb):5
      from :0
```