

## Redmine - Defect #2292

### Year 2038 problem

2008-12-07 14:42 - Yuki Sonoda

<b>Status:</b>	Closed	<b>Start date:</b>	2008-12-07
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Issues	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.8	<b>Affected version:</b>	0.7.3
<b>Resolution:</b>	Fixed		
<b>Description</b>			
GLoc seems to have year 2038 problem.			
distance_of_time_in_words() raises an exception "expected numeric or date" if a version.effective_date > 2038-01-19.			
<pre>/opt/local/lib/ruby/1.8/date.rb:1252:in `minus_without_duration' /opt/local/lib/ruby/gems/1.8/gems/activesupport-2.1.0/lib/active_support/core_ext/date/calculations.rb:73:in `-' vendor/plugins/gloc-1.1.0/lib/gloc-rails-text.rb:19:in `distance_of_time_in_words' app/views/versions/_overview.rhtml:6:in `_run_erb_47app47views47versions47overview46rhtml' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/base.rb:338:in `send' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/base.rb:338:in `execute' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/template_handlers/compilable.rb:29:in `send' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/template_handlers/compilable.rb:29:in `render' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/partial_template.rb:20:in `render' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/benchmarking.rb:26:in `benchmark' /opt/local/lib/ruby/gems/1.8/gems/activesupport-2.1.0/lib/active_support/core_ext/benchmark.rb:8:in `realtime' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/benchmarking.rb:26:in `benchmark' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/partial_template.rb:19:in `render' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/template.rb:22:in `render_template' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/partials.rb:110:in `render_partial' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/base.rb:273:in `render' app/views/projects/roadmap.rhtml:10:in `_run_erb_47app47views47projects47roadmap46rhtml' app/views/projects/roadmap.rhtml:7:in `each' app/views/projects/roadmap.rhtml:7:in `_run_erb_47app47views47projects47roadmap46rhtml' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/base.rb:338:in `send' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/base.rb:338:in `execute' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/template_handlers/compilable.rb:29:in `send' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/template_handlers/compilable.rb:29:in `render' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/template.rb:35:in `render' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/template.rb:22:in `render_template' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_view/base.rb:245:in `render_file' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/base.rb:1108:in `render_for_file' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/base.rb:841:in `render_without_layout' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/layout.rb:251:in `render_without_benchmark' /opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/benchmarking.rb:51:in `render'</pre>			

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/opt/local/lib/ruby/gems/1.8/gems/activessupport-2.1.0/lib/active_support/core_ext/benchmark.rb:8:in `realtime'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/benchmarking.rb:51:in `render'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/base.rb:1157:in `default_render'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/base.rb:1163:in `perform_action_without_filters'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/filters.rb:580:in `call_filters'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/filters.rb:573:in `perform_action_without_benchmark'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/benchmarking.rb:68:in `perform_action_without_rescue'  
/opt/local/lib/ruby/1.8/benchmark.rb:293:in `measure'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/benchmarking.rb:68:in `perform_action_without_rescue'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/rescue.rb:201:in `perform_action_without_caching'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/caching/sql_cache.rb:13:in `perform_action'  
/opt/local/lib/ruby/gems/1.8/gems/activerecord-2.1.0/lib/active_record/connection_adapters/abstract/query_cache.rb:33:in `cache'  
/opt/local/lib/ruby/gems/1.8/gems/activerecord-2.1.0/lib/active_record/query_cache.rb:8:in `cache'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/caching/sql_cache.rb:12:in `perform_action'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/base.rb:529:in `send'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/base.rb:529:in `process_without_filters'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/filters.rb:569:in `process_without_session_management_support'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/session_management.rb:130:in `process'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/base.rb:389:in `process'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/dispatcher.rb:149:in `handle_request'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/dispatcher.rb:107:in `dispatch'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/dispatcher.rb:104:in `synchronize'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/dispatcher.rb:104:in `dispatch'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/dispatcher.rb:120:in `dispatch CGI'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/dispatcher.rb:35:in `dispatch'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel/rails.rb:76:in `process'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel/rails.rb:74:in `synchronize'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel/rails.rb:74:in `process'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel.rb:159:in `process_client'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel.rb:158:in `each'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel.rb:158:in `process_client'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel.rb:285:in `run'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel.rb:285:in `initialize'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel.rb:285:in `new'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel.rb:285:in `run'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel.rb:268:in `initialize'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel.rb:268:in `new'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel.rb:268:in `run'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel/configurator.rb:282:in `run'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel/configurator.rb:281:in `each'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel/configurator.rb:281:in `run'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/bin/mongrel_rails:128:in `run'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/lib/mongrel/command.rb:212:in `run'  
/opt/local/lib/ruby/gems/1.8/gems/mongrel-1.1.5/bin/mongrel_rails:281  
/opt/local/lib/ruby/gems/1.8/gems/activessupport-2.1.0/lib/active_support/dependencies.rb:502:in `load'
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/opt/local/lib/ruby/gems/1.8/gems/activessupport-2.1.0/lib/active_support/dependencies.rb:502:in `load'  
/opt/local/lib/ruby/gems/1.8/gems/activessupport-2.1.0/lib/active_support/dependencies.rb:354:in `new_constants_in'  
/opt/local/lib/ruby/gems/1.8/gems/activessupport-2.1.0/lib/active_support/dependencies.rb:502:in `load'  
/opt/local/lib/ruby/gems/1.8/gems/rails-2.1.0/lib/commands/servers/mongrel.rb:64  
/opt/local/lib/ruby/site_ruby/1.8/rubygems/custom_require.rb:31:in `gem_original_require'  
/opt/local/lib/ruby/site_ruby/1.8/rubygems/custom_require.rb:31:in `require'  
/opt/local/lib/ruby/gems/1.8/gems/activessupport-2.1.0/lib/active_support/dependencies.rb:509:in `require'  
/opt/local/lib/ruby/gems/1.8/gems/activessupport-2.1.0/lib/active_support/dependencies.rb:354:in `new_constants_in'  
/opt/local/lib/ruby/gems/1.8/gems/activessupport-2.1.0/lib/active_support/dependencies.rb:509:in `require'  
/opt/local/lib/ruby/gems/1.8/gems/rails-2.1.0/lib/commands/server.rb:39  
/opt/local/lib/ruby/site_ruby/1.8/rubygems/custom_require.rb:31:in `gem_original_require'  
/opt/local/lib/ruby/site_ruby/1.8/rubygems/custom_require.rb:31:in `require'  
script/server:3
```

## History

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### #1 - 2008-12-07 15:00 - Jean-Philippe Lang

- Status changed from *New* to *Resolved*
- Target version set to *0.8*
- Resolution set to *Fixed*

It was fixed in [r1887](#) (and in 0.8 RC that was just released).

### #2 - 2008-12-30 12:38 - Jean-Philippe Lang

- Status changed from *Resolved* to *Closed*