

## ChiliProject - Bug # 384: NoMethodError occurs when accessing a page that requires to be logged in

<b>Status:</b>	Declined	<b>Priority:</b>	Normal
<b>Author:</b>	Felix Schupp	<b>Category:</b>	
<b>Created:</b>	2011-05-07	<b>Assignee:</b>	
<b>Updated:</b>	2011-05-12	<b>Due date:</b>	
<b>Remote issue URL:</b>			
<b>Affected version:</b>	1.3.0		
<b>Description:</b>	<p>We get hundreds of these errors per day as Google crawls our site. The pages are either in the wiki or do not exist - so either a 404 or redirect to login should be displayed.</p> <p>The code fragment below shows access to a non-existent Wiki page - a link that works fine when logged in by opening the wiki editor. ChiliProject issues a 500 error page, and the Redmine Exception Handler plugin sends me this email</p> <pre>&lt;pre&gt;</pre> <p>A NoMethodError occurred in application#show:</p> <pre>undefined method `keys' for nil:NilClass /var/lib/gems/1.8/gems/inherited_resources-1.0.6/lib/inherited_resources/legacy/respond_to.rb:79:in `collect_mimes_from_class_level'</pre> <p>-----</p> <p>Request:</p> <p>-----</p> <pre>* URL      : http://code.softmethod.de/projects/blackray/wiki/Expression * IP address: 66.249.71.26 * Parameters: {"project_id"=&gt;"blackray", "action"=&gt;"show", "id"=&gt;"Expression", "controller"=&gt;"wiki"} * Rails root: /srv/chiliproject/chiliproject-1.3.0</pre> <p>-----</p> <p>Session:</p> <p>-----</p> <pre>* session id: nil * data: nil</pre> <p>-----</p> <p>Environment:</p> <p>-----</p> <pre>* GATEWAY_INTERFACE      : CGI/1.2 * HTTP_ACCEPT             : */* * HTTP_ACCEPT_ENCODING   : gzip,deflate * HTTP_CONNECTION        : Keep-Alive * HTTP_FROM               : googlebot(at)googlebot.com * HTTP_HOST               : code.softmethod.de * HTTP_USER_AGENT        : Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html) * HTTP_VERSION           : HTTP/1.1 * HTTP_VIA                : 1.1 code.softmethod.de</pre>		

```

* HTTP_X_FORWARDED_FOR      : 66.249.71.26
* HTTP_X_FORWARDED_HOST    : code.softmethod.de
* HTTP_X_FORWARDED_SERVER  : code.softmethod.de
* PATH_INFO                 : /projects/blackray/wiki/Expression
* QUERY_STRING              :
* REMOTE_ADDR               : 127.0.0.1
* REQUEST_METHOD            : GET
* REQUEST_PATH              : /projects/blackray/wiki/Expression
* REQUEST_URI               : /projects/blackray/wiki/Expression
* SCRIPT_NAME               :
* SERVER_NAME               : code.softmethod.de
* SERVER_PORT               : 80
* SERVER_PROTOCOL           : HTTP/1.1
* SERVER_SOFTWARE           : Mongrel 1.1.5
* action_controller.request.path_parameters : project_idblackrayactionsnowidExpressioncontrollerwiki
* action_controller.request.query_parameters :
* action_controller.request.request_parameters:
* action_controller.rescue.request      : #<ActionController::Request:0x7f52b3dc7640>
* action_controller.rescue.response    : #<ActionController::Response:0x7f52b3dc7618>
* rack.errors                        : #<IO:0x7f52c0c78ac0>
* rack.input                         : #<StringIO:0x7f52b3dcc410>
* rack.multiprocess                  : true
* rack.multithread                    : false
* rack.request.query_hash             :
* rack.request.query_string           :
* rack.run_once                       : false
* rack.session                        : session_idd9dbadd8a6c84d87f5bc0fd0e240adc4
* rack.session.options                :
httponlytruedomainidd9dbadd8a6c84d87f5bc0fd0e240adc4expire_afterpath/key_session_id
* rack.url_scheme                     : http
* rack.version                         : 01

* Process: 3603
* Server : svn-2

```

```

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Backtrace:
-----

```

```

/var/lib/gems/1.8/gems/inherited_resources-1.0.6/lib/inherited_resources/legacy/respond_to.rb:79:in
`collect_mimes_from_class_level'
/var/lib/gems/1.8/gems/inherited_resources-1.0.6/lib/inherited_resources/legacy/respond_to.rb:97:in
`retrieve_response_from_mimes'
/var/lib/gems/1.8/gems/inherited_resources-1.0.6/lib/inherited_resources/legacy/respond_to.rb:58:in
`respond_to'

```

```

[RAILS_ROOT]/vendor/plugins/redmine-exception-handler-plugin/vendor/plugins/exception_notification/lib/exc
eption_notifiable.rb:74:in `render_500'

```

```

[RAILS_ROOT]/vendor/plugins/redmine-exception-handler-plugin/vendor/plugins/exception_notification/lib/exc
eption_notifiable.rb:86:in `rescue_action_in_public'
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/rescue.rb:154:in
`rescue_action_without_handler'

```

```
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/rescue.rb:74:in `rescue_action'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/rescue.rb:162:in  
`perform_action_without_flash'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/flash.rb:146:in `perform_action'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/base.rb:532:in `send'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/base.rb:532:in `process_without_filters'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/filters.rb:606:in `process'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/base.rb:391:in `process'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/base.rb:386:in `call'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/routing/route_set.rb:437:in `call'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/dispatcher.rb:87:in `dispatch'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/dispatcher.rb:121:in `_call'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/dispatcher.rb:130  
/var/lib/gems/1.8/gems/activerecord-2.3.5/lib/active_record/query_cache.rb:29:in `call'  
/var/lib/gems/1.8/gems/activerecord-2.3.5/lib/active_record/query_cache.rb:29:in `call'  
  
/var/lib/gems/1.8/gems/activerecord-2.3.5/lib/active_record/connection_adapters/abstract/query_cache.rb:34:  
in `cache'  
/var/lib/gems/1.8/gems/activerecord-2.3.5/lib/active_record/query_cache.rb:9:in `cache'  
/var/lib/gems/1.8/gems/activerecord-2.3.5/lib/active_record/query_cache.rb:28:in `call'  
  
/var/lib/gems/1.8/gems/activerecord-2.3.5/lib/active_record/connection_adapters/abstract/connection_pool.rb:  
361:in `call'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/string_coercion.rb:25:in `call'  
/var/lib/gems/1.8/gems/rack-1.0.1/lib/rack/head.rb:9:in `call'  
/var/lib/gems/1.8/gems/rack-1.0.1/lib/rack/methodoverride.rb:24:in `call'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/params_parser.rb:15:in `call'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/session/cookie_store.rb:93:in `call'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/failsafe.rb:26:in `call'  
/var/lib/gems/1.8/gems/rack-1.0.1/lib/rack/lock.rb:11:in `call'  
/var/lib/gems/1.8/gems/rack-1.0.1/lib/rack/lock.rb:11:in `synchronize'  
/var/lib/gems/1.8/gems/rack-1.0.1/lib/rack/lock.rb:11:in `call'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/dispatcher.rb:106:in `call'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/cgi_process.rb:44:in `dispatch CGI'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/dispatcher.rb:101:in `dispatch CGI'  
/var/lib/gems/1.8/gems/actionpack-2.3.5/lib/action_controller/dispatcher.rb:27:in `dispatch'  
/usr/lib/ruby/1.8/mongrel/rails.rb:76:in `process'  
/usr/lib/ruby/1.8/mongrel/rails.rb:74:in `synchronize'  
/usr/lib/ruby/1.8/mongrel/rails.rb:74:in `process'  
/usr/lib/ruby/1.8/mongrel.rb:159:in `process_client'  
/usr/lib/ruby/1.8/mongrel.rb:158:in `each'  
/usr/lib/ruby/1.8/mongrel.rb:158:in `process_client'  
/usr/lib/ruby/1.8/mongrel.rb:285:in `run'  
/usr/lib/ruby/1.8/mongrel.rb:285:in `initialize'  
/usr/lib/ruby/1.8/mongrel.rb:285:in `new'  
/usr/lib/ruby/1.8/mongrel.rb:285:in `run'  
/usr/lib/ruby/1.8/mongrel.rb:268:in `initialize'  
/usr/lib/ruby/1.8/mongrel.rb:268:in `new'  
/usr/lib/ruby/1.8/mongrel.rb:268:in `run'  
/usr/lib/ruby/1.8/mongrel/configurator.rb:282:in `run'  
/usr/lib/ruby/1.8/mongrel/configurator.rb:281:in `each'  
/usr/lib/ruby/1.8/mongrel/configurator.rb:281:in `run'  
/usr/bin/mongrel_rails:129:in `run'
```

```
/usr/lib/ruby/1.8/mongrel/command.rb:212:in `run'  
/usr/bin/mongrel_rails:282  
</pre>
```

Environment Info:

```
<pre>  
ladmin@svn-2:~$ uname -a  
Linux svn-2 2.6.32-31-server #61-Ubuntu SMP Fri Apr 8 19:44:42 UTC 2011 x86_64 GNU/Linux  
ladmin@svn-2:~$ ruby -v  
ruby 1.8.7 (2010-01-10 patchlevel 249) [x86_64-linux]  
ladmin@svn-2:~$ gem --version  
1.3.5  
</pre>
```

## History

### 2011-05-08 05:22 pm - Felix Schäfer

Bizarre, I can't remember having this sort of errors. Could you see if they occur without the exception handler to make sure the error isn't in the plugin?

### 2011-05-08 08:59 pm - Felix Schupp

I disabled the redmine-exception-handler, but the page still results in a 500 error, and this is the log trace (production.log of mongrel):

```
<pre>
```

```
Processing WikiController#show (for 93.133.95.183 at 2011-05-08 21:47:10) [GET]
```

```
Parameters: {"project_id"=>"blackray", "action"=>"show", "id"=>"Expression", "controller"=>"wiki"}
```

```
NoMethodError (undefined method `keys' for nil:NilClass):
```

```
/var/lib/gems/1.8/gems/inherited_resources-1.0.6/lib/inherited_resources/legacy/respond_to.rb:79:in `collect_mimes_from_class_level'  
/var/lib/gems/1.8/gems/inherited_resources-1.0.6/lib/inherited_resources/legacy/respond_to.rb:97:in `retrieve_response_from_mimes'  
/var/lib/gems/1.8/gems/inherited_resources-1.0.6/lib/inherited_resources/legacy/respond_to.rb:58:in `respond_to'  
app/controllers/application_controller.rb:299:in `render_error'  
app/controllers/application_controller.rb:287:in `render_404'  
app/controllers/wiki_controller.rb:59:in `show'  
/usr/lib/ruby/1.8/mongrel/rails.rb:76:in `process'  
/usr/lib/ruby/1.8/mongrel/rails.rb:74:in `synchronize'  
/usr/lib/ruby/1.8/mongrel/rails.rb:74:in `process'  
/usr/lib/ruby/1.8/mongrel.rb:159:in `process_client'  
/usr/lib/ruby/1.8/mongrel.rb:158:in `each'  
/usr/lib/ruby/1.8/mongrel.rb:158:in `process_client'  
/usr/lib/ruby/1.8/mongrel.rb:285:in `run'  
/usr/lib/ruby/1.8/mongrel.rb:285:in `initialize'  
/usr/lib/ruby/1.8/mongrel.rb:285:in `new'  
/usr/lib/ruby/1.8/mongrel.rb:285:in `run'  
/usr/lib/ruby/1.8/mongrel.rb:268:in `initialize'  
/usr/lib/ruby/1.8/mongrel.rb:268:in `new'  
/usr/lib/ruby/1.8/mongrel.rb:268:in `run'  
/usr/lib/ruby/1.8/mongrel/configurator.rb:282:in `run'  
/usr/lib/ruby/1.8/mongrel/configurator.rb:281:in `each'  
/usr/lib/ruby/1.8/mongrel/configurator.rb:281:in `run'  
/usr/lib/ruby/1.8/mongrel/command.rb:212:in `run'
```

Rendering /srv/chiliproject/chiliproject-1.3.0/public/500.html (500 Internal Server Error)

```
</pre>
```

So the application seems to try to render a 404 (although that is not really ideal, better would be a redirect to the login page) but instead crashes with a 500 error.

**2011-05-08 09:08 pm - Felix Schupp**

With the handler plugin enabled the stack trace is different though:

```
<pre>
```

```
Processing ApplicationController#show (for 93.133.95.183 at 2011-05-08 21:56:26) [GET]  
Parameters: {"project_id"=>"blackray", "action"=>"show", "id"=>"Expression", "controller"=>"wiki"}
```

```
NoMethodError (undefined method `keys' for nil:NilClass):  
/var/lib/gems/1.8/gems/inherited_resources-1.0.6/lib/inherited_resources/legacy/respond_to.rb:79:in `collect_mimes_from_class_level'  
/var/lib/gems/1.8/gems/inherited_resources-1.0.6/lib/inherited_resources/legacy/respond_to.rb:97:in `retrieve_response_from_mimes'  
/var/lib/gems/1.8/gems/inherited_resources-1.0.6/lib/inherited_resources/legacy/respond_to.rb:58:in `respond_to'  
/usr/lib/ruby/1.8/mongrel/rails.rb:76:in `process'  
/usr/lib/ruby/1.8/mongrel/rails.rb:74:in `synchronize'  
/usr/lib/ruby/1.8/mongrel/rails.rb:74:in `process'  
/usr/lib/ruby/1.8/mongrel.rb:159:in `process_client'  
/usr/lib/ruby/1.8/mongrel.rb:158:in `each'  
/usr/lib/ruby/1.8/mongrel.rb:158:in `process_client'  
/usr/lib/ruby/1.8/mongrel.rb:285:in `run'  
/usr/lib/ruby/1.8/mongrel.rb:285:in `initialize'  
/usr/lib/ruby/1.8/mongrel.rb:285:in `new'  
/usr/lib/ruby/1.8/mongrel.rb:285:in `run'  
/usr/lib/ruby/1.8/mongrel.rb:268:in `initialize'  
/usr/lib/ruby/1.8/mongrel.rb:268:in `new'  
/usr/lib/ruby/1.8/mongrel.rb:268:in `run'  
/usr/lib/ruby/1.8/mongrel/configurator.rb:282:in `run'  
/usr/lib/ruby/1.8/mongrel/configurator.rb:281:in `each'  
/usr/lib/ruby/1.8/mongrel/configurator.rb:281:in `run'  
/usr/lib/ruby/1.8/mongrel/command.rb:212:in `run'
```

```
Rendering /srv/chiliproject/chiliproject-1.3.0/public/500.html (500 Error)
```

```
rendering section "request"  
rendering section "session"  
rendering section "environment"  
rendering section "backtrace"
```

```
</pre>
```

**2011-05-10 11:30 pm - Eric Davis**

- *Category changed from Permissions to Wikis*

- *Status changed from Open to Needs more information*

Felix Schupp:

The error is coming from the inherited\_resources gem. Can you post the output of your @script/about@, I think a plugin might be pulling in inherited\_resources and causing the error (could be one of fine too)

2011-05-10 11:41 pm - Felix Schupp

Glad I can help:

<pre>

```
root@svn-2:/srv/chiliproject/chiliproject-current# RAILS_ENV=production ruby script/about
```

About your application's environment

```
Ruby version      1.8.7 (x86_64-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  /srv/chiliproject/chiliproject-1.3.0
Environment       production
Database adapter  postgresql
Database schema version 20110131145123
```

About your Redmine plugins

```
Redmine Charts          0.1.0
Graphviz Wiki-macro Plugin 0.2.0
Xapian search plugin     1.1.2
Redmine Wiki Extensions plugin 0.3.3
Redmine Newissuealerts plugin 0.0.2
Redmine Contributor Licensing 0.1.0
Redmine Blogs plugin     0.1.0
Redmine Stealth plugin   0.1.0
Invoice plugin           0.0.1
Redmine Codebook plugin  0.3.1
Redmine Opensearch plugin 0.1
Customer plugin          0.2.0
Screenshot Paste         1.1.0
Piwik plugin              0.1.1
Knowledgebase             0.2.5
Redmine Code Review plugin 0.4.1
Nabble Embedding Plugin  0.1.0
Timesheet Plugin         0.6.0
Issues XLS export         0.1.3
WebDav plugin             0.2.1
Redmine Exception Handler plugin 0.2.0
Wiki External Filter Plugin 0.0.2
reCAPTCHA for user self registration 0.1.0
Redmine Logs plugin      0.0.1
Ohloh Metrics Plugin     0.1.0
Redmine Favicon plugin   0.2
```

</pre>

I do however believe there are more issues, although it might be one common reason. Other URLs also fail with a 500 error even though a 404 would be better, more on this later

**2011-05-11 04:22 pm - Felix Schäfer**

Felix Schupp wrote:

> Glad I can help:

Well there are a few :-). Could you see if you can grep which one calls `@gem 'inherited_resources'` (probably in the `@init.rb` file in the plugin), and if you have found a culprit see if the problem persists if you deactivate it?

**2011-05-11 05:00 pm - Felix Schupp**

Actually, only the `redmine_contributor_licensing` plugin calls `inherited_resources`

Surely enough, deactivating the plugin does in fact solve the problem - however this is one of the crucial plugins for us..... Since your site is about the ChiliProject itself, i will close this bug here and open a new one at the plugin site :)

**2011-05-11 05:11 pm - Felix Schupp**

- *Status changed from Needs more information to Declined*

The issue seems to be in the `redmine_contributor_licensing` plugin.

**2011-05-11 05:35 pm - Felix Schäfer**

Thanks for the feedback!

**2011-05-12 11:19 pm - Eric Davis**

- *Category deleted (Wikis)*

Felix Schupp wrote:

> The issue seems to be in the `redmine_contributor_licensing` plugin.

Thanks, that is my plugin (unreleased). I made a note about it to look into it.