

## Redmine - Defect #5691

### OpenID authentication fails with "Invalid null namespace"

2010-06-15 16:45 - Harry Brundage

<b>Status:</b>	Closed	<b>Start date:</b>	2010-06-15
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	OpenID	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	0.9.3
<b>Resolution:</b>	Wont fix		

**Description**

I get an error whenever I try to log in to my Redmine install with OpenID. I've tried several different endpoints and fiddling with the configs, but I always get this error:

```
Processing AccountController#login (for 130.15.105.53 at 2010-06-15 14:15:30) [POST]
Parameters: {"openid.mode"=>"id_res", "openid.op_endpoint"=>"http%3A%2F%2Fwww.myopenid.com%2Fser
ver", "openid.return_to"=>"http%3A%2F%2Fdeveloper.entrada-project.org%2Flogin%3F_method%3Dpost%26o
pen_id_complete%3D1", "openid.sig"=>"czuB%2FBqYoYUMjGKW2sDXeHUR0fg%3D", "openid.response_nonce"=>"
2010-06-15T14%3A15%3A30ZzMX3OY", "openid.ns"=>"http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0", "actio
n"=>"login", "_method"=>"post", "openid.identity"=>"http%3A%2F%2Fhornairs.myopenid.com%2F", "openi
d.assoc_handle"=>"%7B HMAC-SHA1%7D%7B4c0d28ff%7D%7B KkNbpQ%3D%3D%7D", "openid.signed"=>"assoc_handle
%2C claimed_id%2C identity%2C mode%2C ns%2C op_endpoint%2C response_nonce%2C return_to%2C signed", "contro
ller"=>"account", "open_id_complete"=>"1", "openid.claimed_id"=>"http%3A%2F%2Fhornairs.myopenid.co
m%2F"}

OpenID::InvalidOpenIDNamespace (Invalid null namespace: http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0
):
/opt/bitnami/ruby/lib/ruby/gems/1.8/gems/ruby-openid-2.1.7/lib/openid/message.rb:198:in `set_ope
nid_namespace'
/opt/bitnami/ruby/lib/ruby/gems/1.8/gems/ruby-openid-2.1.7/lib/openid/message.rb:161:in `_from_o
penid_args'
/opt/bitnami/ruby/lib/ruby/gems/1.8/gems/ruby-openid-2.1.7/lib/openid/message.rb:151:in `each'
/opt/bitnami/ruby/lib/ruby/gems/1.8/gems/ruby-openid-2.1.7/lib/openid/message.rb:151:in `_from_o
penid_args'
/opt/bitnami/ruby/lib/ruby/gems/1.8/gems/ruby-openid-2.1.7/lib/openid/message.rb:132:in `from_po
st_args'
/opt/bitnami/ruby/lib/ruby/gems/1.8/gems/ruby-openid-2.1.7/lib/openid/consumer.rb:282:in `comple
te'
app/controllers/account_controller.rb:158:in `open_id_authenticate'
app/controllers/account_controller.rb:32:in `login'

Rendering /opt/bitnami/apps/redmine/public/500.html (500 Internal Server Error)
```

I'm running Redmine 0.9.3 on the [Bitnami Redmine virtual image](#) which provides a quick easy way to get Redmine up and running, but things are arranged in a somewhat weird way. I don't **think** that the Bitnami stack and configuration are the issue here, it seems to be a Ruby/open\_id\_authentication issue.

```
$: /opt/bitnami/ruby/bin/ruby -v
ruby 1.8.7 (2010-01-10 patchlevel 249) [i686-linux]

$: /opt/bitnami/ruby/bin/gem -v
1.3.6
```

Any suggestions? Can I give you any more information?

#### History

##### #1 - 2010-06-15 23:38 - Felix Schäfer

Ok, I had a look at the OpenID gem, and it gets and URL-escaped URL `http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0` instead of the non-escaped URL `http://specs.openid.net/auth/2.0` it is looking for. I don't have enough knowledge of OpenID to be able to help you further on this, but I grepped redmine for any mention of `specs.openid` and it returned nothing, so that's something coming from "outside". This can also be seen in the parameters of the action called (`"openid.ns"=>"http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0"`).

As to the redmine part, paste your rack version and/or the output of RAILS\_ENV=production script/about in your redmine dir to see if we can spot some version discrepancy. The version of the ruby-openid the stack uses would be of interest too (or maybe gem list to be sure).

## #2 - 2010-08-17 08:11 - Sven Krzyzak

Same problem here with Redmine 1.0.0.stable.3929.

RAILS\_ENV=production ruby script/about

```
About your application's environment
Ruby version      1.8.7 (x86_64-linux)
RubyGems version  1.3.7
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/www/redmine
Environment       production
Database adapter  mysql
Database schema version 20100808221515
```

```
About your Redmine plugins
Screenshot Paste  1.1.0
Embedded         0.0.1
Milyn Connector plugin 2.7.0.trunk
Stuff To Do Plugin 0.4.0
Redmine Codebook plugin 0.3.1
```

## gem list

```
actionmailer (2.3.8, 2.3.5)
actionpack (2.3.8, 2.3.5)
activerecord (2.3.8, 2.3.5)
activeresource (2.3.8, 2.3.5)
activesupport (2.3.8, 2.3.5)
cgi_multipart_eof_fix (2.5.0)
columnize (0.3.1)
daemons (1.1.0, 1.0.10, 1.0.7)
fastthread (1.0.7)
gem_plugin (0.2.3)
linecache (0.43)
mongrel (1.1.5)
passenger (2.2.15, 2.2.11, 2.2.9, 2.2.5)
rack (1.2.1, 1.1.0, 1.0.1)
rails (2.3.8, 2.3.5)
rake (0.8.7)
ruby-debug (0.10.3)
ruby-debug-base (0.10.3)
ruby-debug-ide (0.4.9)
ruby-openid (2.1.8)
rubygems-update (1.3.7, 1.3.6, 1.3.5)
```

## #3 - 2011-09-13 10:48 - Etienne Massip

- Category changed from Accounts / authentication to OpenID

## #4 - 2012-02-09 19:29 - Justin Grevich

Same problem for me with 1.2.3.stable.8823

## Error log

```
OpenID::InvalidOpenIDNamespace (Invalid null namespace: http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0):
/usr/local/rvm/gems/ree-1.8.7-2011.12-rg162/gems/ruby-openid-2.1.8/lib/openid/message.rb:198:in `set_openid_namespace'
/usr/local/rvm/gems/ree-1.8.7-2011.12-rg162/gems/ruby-openid-2.1.8/lib/openid/message.rb:161:in `_from_openid_args'
/usr/local/rvm/gems/ree-1.8.7-2011.12-rg162/gems/ruby-openid-2.1.8/lib/openid/message.rb:151:in `each'
/usr/local/rvm/gems/ree-1.8.7-2011.12-rg162/gems/ruby-openid-2.1.8/lib/openid/message.rb:151:in `_from_openid_args'
/usr/local/rvm/gems/ree-1.8.7-2011.12-rg162/gems/ruby-openid-2.1.8/lib/openid/message.rb:132:in `from_post_a
```

```
rgs'
/usr/local/rvm/gems/ree-1.8.7-2011.12-rg162/gems/ruby-openid-2.1.8/lib/openid/consumer.rb:282:in `complete'
app/controllers/account_controller.rb:161:in `open_id_authenticate'
app/controllers/account_controller.rb:140:in `authenticate_user'
app/controllers/account_controller.rb:30:in `login'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/rack/request_handler.rb:96:in `process_request'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/abstract_request_handler.rb:513:in `accept_and_process_next_request'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/abstract_request_handler.rb:274:in `main_loop'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/classic_rails/application_spawner.rb:321:in `start_request_handler'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/classic_rails/application_spawner.rb:275:in `send'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/classic_rails/application_spawner.rb:275:in `handle_spawn_application'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/utls.rb:479:in `safe_fork'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/classic_rails/application_spawner.rb:270:in `handle_spawn_application'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/abstract_server.rb:357:in `__send__'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/abstract_server.rb:357:in `server_main_loop'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/abstract_server.rb:206:in `start_synchronously'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/abstract_server.rb:180:in `start'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/classic_rails/application_spawner.rb:149:in `start'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/spawn_manager.rb:219:in `spawn_rails_application'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/abstract_server_collection.rb:132:in `lookup_or_add'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/spawn_manager.rb:214:in `spawn_rails_application'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/abstract_server_collection.rb:82:in `synchronize'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/abstract_server_collection.rb:79:in `synchronize'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/spawn_manager.rb:213:in `spawn_rails_application'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/spawn_manager.rb:132:in `spawn_application'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/spawn_manager.rb:275:in `handle_spawn_application'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/abstract_server.rb:357:in `__send__'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/abstract_server.rb:357:in `server_main_loop'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/lib/phusion_passenger/abstract_server.rb:206:in `start_synchronously'
/home/ubuntu/.passenger/standalone/3.0.11-x86-ruby1.8.7-linux-gcc4.4.3-1002/support/helper-scripts/passenger-spawn-server:99
```

Rendering /var/rails/redmine/public/500.html (500 Internal Server Error)

## RAILS\_ENV=production ruby script/about

```
About your application's environment
Ruby version           1.8.7 (i686-linux)
RubyGems version       1.6.2
Rack version           1.1.3
Rails version          2.3.11
Active Record version  2.3.11
Active Resource version 2.3.11
Action Mailer version  2.3.11
Active Support version 2.3.11
Application root       /var/rails/redmine
Environment             production
Database adapter        mysql
Database schema version 20110511000000
```

## Gems list

```
actionmailer (2.3.11)
actionpack (2.3.11)
activerecord (2.3.11)
activeresource (2.3.11)
activesupport (2.3.11)
daemon_controller (0.2.6)
fastthread (1.0.7)
i18n (0.4.2)
mysql (2.8.1)
passenger (3.0.11)
rack (1.1.3)
rails (2.3.11)
rake (0.8.7)
ruby-openid (2.1.8)
```

#### #5 - 2012-02-09 20:50 - Justin Grevich

I can also verify that the same problem exists for me in Redmine 1.3.1.stable.8824

Very frustrating. Can anyone confirm that this is working in some regard? Perhaps it's something with Google's OpenID system? I should try some others.

#### #6 - 2012-04-28 02:22 - Justin Grevich

Any traction with this? I get the same error with trunk/Redmine 2.0.0.devel.9554 (Mysql2)

About your application's environment

```
Ruby version          1.9.3 (i686-linux)
RubyGems version      1.8.23
Rack version          1.4
Rails version         3.2.3
Active Record version 3.2.3
Action Pack version   3.2.3
Active Resource version 3.2.3
Action Mailer version 3.2.3
Active Support version 3.2.3
Middleware            Rack::Cache, ActionDispatch::Static, Rack::Lock, #<ActiveSupport::Cache::Strategy::LocalCache::Middleware:0x8fcc2d8>, Rack::Runtime, Rack::MethodOverride, ActionDispatch::RequestId, Rails::Rack::Logger, ActionDispatch::ShowExceptions, ActionDispatch::DebugExceptions, ActionDispatch::RemoteIp, ActionDispatch::Callbacks, ActiveRecord::ConnectionAdapters::ConnectionManagement, ActiveRecord::QueryCache, ActionDispatch::Cookies, ActionDispatch::Session::CookieStore, ActionDispatch::Flash, ActionDispatch::ParamsParser, ActionDispatch::Head, Rack::ConditionalGet, Rack::ETag, ActionDispatch::BestStandardsSupport, OpenIdAuthentication
Application root      /var/rails/redmine_trunk
Environment           production
Database adapter      mysql2
Database schema version 20120422150750
```

OpenID::InvalidOpenIDNamespace (Invalid null namespace: http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0):

```
ruby-openid (2.1.8) lib/openid/message.rb:198:in `set_openid_namespace'
ruby-openid (2.1.8) lib/openid/message.rb:161:in `block in _from_openid_args'
ruby-openid (2.1.8) lib/openid/message.rb:151:in `each'
ruby-openid (2.1.8) lib/openid/message.rb:151:in `_from_openid_args'
ruby-openid (2.1.8) lib/openid/message.rb:132:in `from_post_args'
ruby-openid (2.1.8) lib/openid/consumer.rb:282:in `complete'
rack-openid (1.3.1) lib/rack/openid.rb:145:in `block in complete_authentication'
rack-openid (1.3.1) lib/rack/openid.rb:272:in `timeout_protection_from_identity_server'
rack-openid (1.3.1) lib/rack/openid.rb:143:in `complete_authentication'
rack-openid (1.3.1) lib/rack/openid.rb:95:in `call'
actionpack (3.2.3) lib/action_dispatch/middleware/best_standards_support.rb:17:in `call'
rack (1.4.1) lib/rack/etag.rb:23:in `call'
rack (1.4.1) lib/rack/conditionalget.rb:25:in `call'
actionpack (3.2.3) lib/action_dispatch/middleware/head.rb:14:in `call'
actionpack (3.2.3) lib/action_dispatch/middleware/params_parser.rb:21:in `call'
actionpack (3.2.3) lib/action_dispatch/middleware/flash.rb:242:in `call'
rack (1.4.1) lib/rack/session/abstract/id.rb:205:in `context'
rack (1.4.1) lib/rack/session/abstract/id.rb:200:in `call'
actionpack (3.2.3) lib/action_dispatch/middleware/cookies.rb:338:in `call'
activerecord (3.2.3) lib/active_record/query_cache.rb:64:in `call'
activerecord (3.2.3) lib/active_record/connection_adapters/abstract/connection_pool.rb:467:in `call'
actionpack (3.2.3) lib/action_dispatch/middleware/callbacks.rb:28:in `block in call'
activesupport (3.2.3) lib/active_support/callbacks.rb:405:in `_run_411870148_call__993951291__callbacks'
activesupport (3.2.3) lib/active_support/callbacks.rb:405:in `_run_callback'
activesupport (3.2.3) lib/active_support/callbacks.rb:385:in `_run_call_callbacks'
activesupport (3.2.3) lib/active_support/callbacks.rb:81:in `run_callbacks'
actionpack (3.2.3) lib/action_dispatch/middleware/callbacks.rb:27:in `call'
```

```
actionpack (3.2.3) lib/action_dispatch/middleware/remote_ip.rb:31:in `call'
actionpack (3.2.3) lib/action_dispatch/middleware/debug_exceptions.rb:16:in `call'
actionpack (3.2.3) lib/action_dispatch/middleware/show_exceptions.rb:56:in `call'
railties (3.2.3) lib/rails/rack/logger.rb:26:in `call_app'
railties (3.2.3) lib/rails/rack/logger.rb:16:in `call'
actionpack (3.2.3) lib/action_dispatch/middleware/request_id.rb:22:in `call'
rack (1.4.1) lib/rack/methodoverride.rb:21:in `call'
rack (1.4.1) lib/rack/runtime.rb:17:in `call'
activesupport (3.2.3) lib/active_support/cache/strategy/local_cache.rb:72:in `call'
rack (1.4.1) lib/rack/lock.rb:15:in `call'
actionpack (3.2.3) lib/action_dispatch/middleware/static.rb:62:in `call'
rack-cache (1.2) lib/rack/cache/context.rb:136:in `forward'
rack-cache (1.2) lib/rack/cache/context.rb:245:in `fetch'
rack-cache (1.2) lib/rack/cache/context.rb:185:in `lookup'
rack-cache (1.2) lib/rack/cache/context.rb:66:in `call!'
rack-cache (1.2) lib/rack/cache/context.rb:51:in `call'
railties (3.2.3) lib/rails/engine.rb:479:in `call'
railties (3.2.3) lib/rails/application.rb:220:in `call'
railties (3.2.3) lib/rails/railtie/configurable.rb:30:in `method_missing'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/rack/request_handler.rb:96:in `process_request'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/abstract_request_handler.rb:513:in `accept_and_process_next_request'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/abstract_request_handler.rb:274:in `main_loop'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/classic_rails/application_spawner.rb:321:in `start_request_handler'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/classic_rails/application_spawner.rb:275:in `block in handle_spawn_application'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/utils.rb:479:in `safe_for_k'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/classic_rails/application_spawner.rb:270:in `handle_spawn_application'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:357:in `server_main_loop'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:206:in `start_synchronously'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:180:in `start'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/classic_rails/application_spawner.rb:149:in `start'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/spawn_manager.rb:219:in `block (2 levels) in spawn_rails_application'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server_collection.rb:132:in `lookup_or_add'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/spawn_manager.rb:214:in `block in spawn_rails_application'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server_collection.rb:82:in `block in synchronize'
<internal:prelude>:10:in `synchronize'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server_collection.rb:79:in `synchronize'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/spawn_manager.rb:213:in `spawn_rails_application'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/spawn_manager.rb:132:in `spawn_application'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/spawn_manager.rb:275:in `handle_spawn_application'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:357:in `server_main_loop'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/lib/phusion_passenger/abstract_server.rb:206:in `start_synchronously'
/home/ubuntu/.rvm/gems/ruby-1.9.3-p194/gems/passenger-3.0.12/helper-scripts/passenger-spawn-server:99:in `<main>'
```

#### #7 - 2021-12-14 01:14 - Go MAEDA

- Status changed from New to Closed
- Resolution set to Wont fix

The OpenID support has been dropped by [#35755](#) for the upcoming Redmine 5.0.0.