

## ChiliProject - Bug # 1078: "incompatible character encoding" with LDAP auth

<b>Status:</b>	Closed	<b>Priority:</b>	Normal
<b>Author:</b>	JÃ©rÃ©my Subtil	<b>Category:</b>	Libraries
<b>Created:</b>	2012-07-11	<b>Assignee:</b>	
<b>Updated:</b>	2012-07-15	<b>Due date:</b>	
<b>Remote issue URL:</b>	<a href="http://www.redmine.org/issues/10272">http://www.redmine.org/issues/10272</a>		
<b>Affected version:</b>	3.2.2		
<b>Description:</b>	<p>Hi there,</p> <p>I've just encountered the following issue while trying to authenticate with an unregistered LDAP account (with on-the-fly account creation):</p> <pre>&lt;pre&gt; ActionView::TemplateError (incompatible character encodings: UTF-8 and ASCII-8BIT) on line #21 of app/views/account/register.rhtml: 18: &lt;% end %&gt; 19: 20: &lt;p&gt;&lt;label for="user_firstname"&gt;&lt;%=l(:field_firstname)%&gt; &lt;span class="required"&gt;*&lt;/span&gt;&lt;/label&gt; 21: &lt;%= text_field 'user', 'firstname' %&gt;&lt;/p&gt; 22: 23: &lt;p&gt;&lt;label for="user_lastname"&gt;&lt;%=l(:field_lastname)%&gt; &lt;span class="required"&gt;*&lt;/span&gt;&lt;/label&gt; 24: &lt;%= text_field 'user', 'lastname' %&gt;&lt;/p&gt;  app/views/account/register.rhtml:21:in `concat' app/views/account/register.rhtml:21:in `block in _run_rhtml_app47views47account47register46rhtml' app/views/account/register.rhtml:3:in `_run_rhtml_app47views47account47register46rhtml' app/controllers/account_controller.rb:224:in `onthe-fly_creation_failed' app/controllers/account_controller.rb:148:in `password_authentication' app/controllers/account_controller.rb:138:in `authenticate_user' app/controllers/account_controller.rb:26:in `login' &lt;internal:prelude&gt;:10:in `synchronize' /usr/local/rvm/rubies/ruby-1.9.3-p194/lib/ruby/1.9.1/webrick/httpserver.rb:138:in `service' /usr/local/rvm/rubies/ruby-1.9.3-p194/lib/ruby/1.9.1/webrick/httpserver.rb:94:in `run' /usr/local/rvm/rubies/ruby-1.9.3-p194/lib/ruby/1.9.1/webrick/server.rb:191:in `block in start_thread' &lt;/pre&gt;</pre> <p>Chiliproject version is 3.2.2.</p> <p>I fixed the issue by simply upgrading to net-ldap 0.3.1, thanks to "Redmine bug #10272":<a href="http://www.redmine.org/issues/10272">http://www.redmine.org/issues/10272</a>.</p> <p>According to the Gemfile, master and unstable should be affected too.</p>		

### Associated revisions

2008-04-26 06:55 pm - Jean-Philippe Lang

Fixes custom field filters behaviour (#1078).

git-svn-id: [http://redmine.rubyforge.org/svn/trunk@1362\\_e93f8b46-1217-0410-a6f0-8f06a7374b81](http://redmine.rubyforge.org/svn/trunk@1362_e93f8b46-1217-0410-a6f0-8f06a7374b81)

2012-07-14 09:16 pm - Felix SchÃ¼fer

Bump net-ldap #1078

### History

**2012-07-13 08:15 am - Felix Schäfer**

- Status changed from Open to Ready for review

- Assignee set to Felix Schäfer

- Target version set to 3.3.0

Thanks for the report, I'll try to have a look before the WE.

**2012-07-13 11:21 pm - Felix Schäfer**

It seems I am unable to get the LDAP example config to work (and I've spent nearly 2 hours with it <notextile>-\_-</notextile> )

Florian: as you were the one to add the config for the newer OpenLDAPs, could you give me a short sum-up of what I need to do to get the example stuff into a virgin OpenLDAP? I've been trying to test it in a Ubuntu Lucid VM (current vagrant status), I wouldn't mind if we could get it to work on Travis too though :-)

Holger: If Florian doesn't answer early enough, I'm tempted to just bump the lib (it's a minor bump so it should work as before) and see if it makes it through ci.chiliproject.org, which IIRC tests the LDAP parts.

**2012-07-14 12:54 am - Florian Mutter**

Here is the way to do this:

```
<pre>
```

```
sudo apt-get install openldap ldap-utils
```

```
sudo mkdir -p /var/lib/ldap/redmine
```

```
sudo chown openldap:openldap /var/lib/ldap/redmine
```

```
sudo ldapadd -Y EXTERNAL -H ldapi:/// -f test/fixtures/ldap/slapd_config.ldif
```

```
sudo ldapadd -D cn=Manager,dc=redmine,dc=org -w secret -f test/fixtures/ldap/test-ldap.ldif
```

```
rake test TEST=test/functional/ldap_auth_sources_controller.rb
```

```
</pre>
```

I tested this on Ubuntu 11.04 but it should work on newer systems too. Maybe you want to add this to the wiki.

EDIT: The test above was the wrong test. Or maybe both are needed. No idea. But all tests are running without error. This may be the correct one:

```
<pre>rake test TEST=test/unit/auth_source_ldap_test.rb</pre>
```

**2012-07-14 11:19 am - Felix Schäfer**

Florian Mutter wrote:

> Here is the way to do this:

That's in the line of what I tried on Lucid (the package for the openldap server is called slapd, but that's less of a problem), when trying to import the config I get the following error though:

```
<pre>vagrant@lucid32:~$ sudo ldapadd -Y EXTERNAL -H ldapi:/// -f /opt/chiliproject/default/current/test/fixtures/ldap/slapd_config.ldif
```

```
SASL/EXTERNAL authentication started
```

```
SASL username: gidNumber=0+uidNumber=0,cn=peercred,cn=external,cn=auth
```

```
SASL SSF: 0
```

```
adding new entry "olcDatabase=hdb,cn=config"
```

```
ldap_add: Invalid syntax (21)
```

```
□ additional info: objectClass: value #1 invalid per syntax</pre>
```

Any idea?

**2012-07-14 11:49 am - Florian Mutter**

You are missing the hdb module. Maybe the switched to bdb by default. You can load that module by putting the following in a ldif file and load it with like the first ldap\_add command above:

```
<pre>
# Load dynamic backend modules
dn: cn=module{0},cn=config
objectClass: olcModuleList
cn: module
olcModulepath: /usr/lib/ldap
olcModuleload: {0}back_hdb
</pre>
```

This should maybe included in the slapd\_conf.ldif

**2012-07-14 11:55 am - Florian Mutter**

Sorry wrong script. Use this one

```
<pre>
# Load dynamic backend modules
dn: cn=module,cn=config
objectClass: olcModuleList
cn: module
olcModulepath: /usr/lib/ldap
olcModuleload: back_hdb.la
</pre>
```

I hope this works.

**2012-07-14 12:02 pm - Felix Schäfer**

Florian Mutter wrote:

> I hope this works.

Kind of, I get another error, LDAP seems to be hardâ€¦! Maybe we could reverse the process? If you have the time, could you grab <https://github.com/thecat/chiliproject-vagrant/> and see if you can get it working there? (once the machine is up with @vagrant up@, you can just @vagrant ssh@ to get on the machine, the user you are logged in as then has passwordless sudo rights).

After successfully loading the back\_hdb.la part, I get:

```
<pre>vagrant@lucid32:~$ sudo ldapadd -Y EXTERNAL -H ldapi:/// -f /opt/chiliproject/default/current/test/fixtures/ldap/slapd_config.ldif
SASL/EXTERNAL authentication started
SASL username: gidNumber=0+uidNumber=0,cn=peercred,cn=external,cn=auth
SASL SSF: 0
adding new entry "olcDatabase=hdb,cn=config"
ldap_add: Other (e.g., implementation specific) error (80)
[] additional info: <olcAccess> handler exited with 1</pre>
```

Thanks for your help :-)

**2012-07-14 01:33 pm - Florian Mutter**

Hmm, maybe ldap stored some of the entries in a previous attempt to import the slapd\_conf.ldif. If you have nothing else in your ldap you can try apt-get purge slapd; rm -r /var/lib/ldap/redmine; apt-get install slapd and try again. Another way would be ldapmodify but to use this the ldif needs to be updated with something like this:

```
<pre>
changetype: modify
replace: olcAccess
</pre>
```

**2012-07-14 09:13 pm - Felix Schäfer**

Still getting:

```
<pre>vagrant@lucid32:~$ sudo ldapadd -Y EXTERNAL -H ldapi:/// -f /opt/chiliproject/default/current/test/fixtures/ldap/slapd_config.ldif
SASL/EXTERNAL authentication started
SASL username: gidNumber=0+uidNumber=0,cn=peercred,cn=external,cn=auth
SASL SSF: 0
adding new entry "olcDatabase=hdb,cn=config"
ldap_add: Other (e.g., implementation specific) error (80)
[] additional info: <olcAccess> handler exited with 1</pre>
```

Oh well, I'll wait to see if the CI works with the new lib or not.

**2012-07-15 11:48 am - Felix Schäfer**

- *Assignee deleted (Felix Schäfer)*

- *Status changed from Ready for review to Closed*

The "CI run":[http://ci.chiliproject.org/job/chiliproject\\_master/247/](http://ci.chiliproject.org/job/chiliproject_master/247/) went through, so I'm closing this. Thanks to all involved!

Florian, if you still want to help, we can open a new issue or meet on IRC or something to get this working :-)