

## Authentic 2 - Bug #7150

### Get authentic2 working with Django 1.8

05 mai 2015 17:39 - Nickolas Grigoriadis

<b>Statut:</b>	Fermé	<b>Début:</b>	05 mai 2015
<b>Priorité:</b>	Normal	<b>Echéance:</b>	
<b>Assigné à:</b>	Benjamin Dauvergne	<b>% réalisé:</b>	100%
<b>Catégorie:</b>		<b>Temps estimé:</b>	0:00 heure
<b>Version cible:</b>	2.2.0	<b>Planning:</b>	
<b>Patch proposé:</b>	Oui		
<b>Description</b>			
Since Django 1.8 is a long-term-support release, with a promise of security updates for 2 years, and this being a very security concious application, it seems prudent to support 1.8 as soon as able.			
On a quick glance, custom_user and sekizai seems to be pain points.			

#### Révisions associées

##### Révision 6b1977f2 - 14 mai 2015 22:58 - Benjamin Dauvergne

custom\_user: fix initial migration

fixes #7150

##### Révision 43270b86 - 18 mai 2015 09:25 - Benjamin Dauvergne

auth\_migrations: prevent collision with related names

Groups and permissions field had the same related names on auth.User and custom\_user.User.

fixes #7150

##### Révision cc99b61a - 18 mai 2015 17:55 - Benjamin Dauvergne

tox.ini: prepare environment for testing on Django 1.8 (#7150)

##### Révision a753ba25 - 27 mai 2015 12:00 - Benjamin Dauvergne

setup.py: raise requirement on django-tables to >1.0 for Django 1.7 and 1.8 support (#7150)

##### Révision a8ee65d8 - 27 mai 2015 12:20 - Benjamin Dauvergne

Django 1.8 compatibility (fixes #7150)

##### Révision 293ff36b - 27 mai 2015 15:06 - Benjamin Dauvergne

Django 1.8 compatibility (again, fixes #7150)

##### Révision eda129d7 - 27 mai 2015 15:33 - Benjamin Dauvergne

custom\_user: add missing migration (fixes #7150)

##### Révision c481e99a - 07 mars 2016 14:42 - Benjamin Dauvergne

copy AbstractUser from django.contrib.auth for Django 1.8 compatibility (#7150)

AbstractUser.last\_login was modified between Django 1.7 and 1.8. To stay compatible with both, we have to copy AbstractUser into authentic2. In the future we should follow evolution of user models on Django side or move back to the shared AbstractUser model if we ever dump compatibility with Django 1.7.

##### Révision 74e7446e - 07 mars 2016 15:13 - Benjamin Dauvergne

override pre-Django 1.8 PasswordResetTokenGenerator (#7150)

It supposes that user.last\_login is always a datetime, which is not true anymore.

### Révision dd5a6289 - 08 mars 2016 08:04 - Benjamin Dauvergne

completely remove transient user support (#7150)

Transient LDAP user has never really worked, and transient SAML user do not exist anymore since remove of authsaml2. Since Django 1.8 transient user are not compatible with django.contrib.auth anymore as it enforces that the stored `_auth_user_id` is a real model primary key.

### Révision 573f2bb0 - 08 mars 2016 08:04 - Benjamin Dauvergne

ldap: factorize keep\_password initialization (#7150)

### Révision 756cac56 - 08 mars 2016 08:04 - Benjamin Dauvergne

ldap: directly call LDAPUser.keep\_password in return\_django\_user (#7150)

### Révision 2daf8908 - 08 mars 2016 08:07 - Benjamin Dauvergne

store LDAP data in session instead of replacing LDAPUser.pk by a pickle object (#7150)

Django > 1.8 does not allow anymore to store anything in the `_auth_user_id` key in the session as it checks it can be converted to an user model pk.

## Historique

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### #1 - 06 mai 2015 12:47 - Benjamin Dauvergne

For sekizai we have to wait for their release, what is the pain point with custom user exactly ?

### #2 - 06 mai 2015 14:53 - Benjamin Dauvergne

- Statut changé de Nouveau à Information nécessaire

Currently all our unit tests (including login, registration and SAML tests) run under Django 1.8 (but none of them need django-sekizai I think), I change status to more informations needed.

### #3 - 06 mai 2015 15:23 - Benjamin Dauvergne

- Version cible mis à 2.2.0

### #4 - 07 mai 2015 10:46 - Nickolas Grigoriadis

When I did a quick test on Django1.8, the custom\_user migrations failed.

Also, what is sekizai used for? I know it crops up as a pain point far too often for my liking.

### #5 - 07 mai 2015 12:39 - Benjamin Dauvergne

Try again and report the traceback on the custom user migration. Thanks. Sekizai is used to include static files from templates which are rendered before the rendering of the final template. It's the same use case as in django-cms for example. Please to propose patches with another solution to this problem if you want a change on this point.

### #6 - 11 mai 2015 07:22 - Nickolas Grigoriadis

The custom\_user traceback:

```
Applying custom_user.0001_initial...Traceback (most recent call last):
  File "./authentic2-ctl", line 20, in <module>
    execute_from_command_line(sys.argv[:1] + argv)
  File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/core/management/__init__.py", line 338,
in execute_from_command_line
    utility.execute()
  File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/core/management/__init__.py", line 330,
in execute
    self.fetch_command(subcommand).run_from_argv(self.argv)
  File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/core/management/commands/test.py", line
30, in run_from_argv
    super(Command, self).run_from_argv(argv)
  File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/core/management/base.py", line 390, in r
un_from_argv
    self.execute(*args, **cmd_options)
  File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/core/management/commands/test.py", line
74, in execute
    super(Command, self).execute(*args, **options)
  File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/core/management/base.py", line 441, in e
```

```

xecute
    output = self.handle(*args, **options)
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/core/management/commands/test.py", line
90, in handle
    failures = test_runner.run_tests(test_labels)
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/test/runner.py", line 210, in run_tests
old_config = self.setup_databases()
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/test/runner.py", line 166, in setup_data
bases
    **kwargs
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/test/runner.py", line 370, in setup_data
bases
    serialize=connection.settings_dict.get("TEST", {}).get("SERIALIZE", True),
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/db/backends/base/creation.py", line 368,
in create_test_db
    test_flush=not keepdb,
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/core/management/__init__.py", line 120,
in call_command
    return command.execute(*args, **defaults)
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/core/management/base.py", line 441, in e
xecute
    output = self.handle(*args, **options)
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/core/management/commands/migrate.py", li
ne 221, in handle
    executor.migrate(targets, plan, fake=fake, fake_initial=fake_initial)
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/db/migrations/executor.py", line 110, in
migrate
    self.apply_migration(states[migration], migration, fake=fake, fake_initial=fake_initial)
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/db/migrations/executor.py", line 147, in
apply_migration
    state = migration.apply(state, schema_editor)
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/db/migrations/migration.py", line 115, i
n apply
    operation.database_forwards(self.app_label, schema_editor, old_state, project_state)
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/db/migrations/operations/special.py", li
ne 183, in database_forwards
    self.code(from_state.apps, schema_editor)
    File "/home/grigi/work/a2/src/authentic2/custom_user/migrations/0001_initial.py", line 20, in copy_old_users
_to_custom_user_model
    for old_user in old_users:
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/db/models/query.py", line 162, in iter
self._fetch_all()
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/db/models/query.py", line 965, in _fetch
_all
    self._result_cache = list(self.iterator())
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/db/models/query.py", line 238, in iterat
or
    results = compiler.execute_sql()
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/db/models/sql/compiler.py", line 826, in
execute_sql
    sql, params = self.as_sql()
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/db/models/sql/compiler.py", line 375, in
as_sql
    extra_select, order_by, group_by = self.pre_sql_setup()
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/db/models/sql/compiler.py", line 48, in
pre_sql_setup
    self.setup_query()
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/db/models/sql/compiler.py", line 39, in
setup_query
    self.select, self.klass_info, self.annotation_col_map = self.get_select()
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/db/models/sql/compiler.py", line 203, in
get_select
    related_klass_infos = self.get_related_selections(select)
    File "/home/grigi/work/a2/.pyenv/lib/python2.7/site-packages/django/db/models/sql/compiler.py", line 751, in
get_related_selections
    ', '.join(_get_field_choices()) or '(none)',
django.core.exceptions.FieldError: Invalid field name(s) given in select_related: 'user_permissions', 'groups'
. Choices are: (none)

```

Seems the issue is somewhere in "copy\_old\_users\_to\_custom\_user\_model". When I disable calling that function it passes.

#### #7 - 14 mai 2015 23:00 - Benjamin Dauvergne

- Fichier 0001-custom\_user-fix-initial-migration.patch ajouté

- Statut changé de Information nécessaire à Nouveau

- Patch proposed changé de Non à Oui

**#8 - 18 mai 2015 10:45 - Benjamin Dauvergne**

- Assigné à mis à Benjamin Dauvergne

**#9 - 19 mai 2015 01:06 - Benjamin Dauvergne**

- Statut changé de Nouveau à Résolu (à déployer)

- % réalisé changé de 0 à 100

Appliqué par commit [authentic2|6b1977f29a0934a488db51f7a5c7a09c47440d63](#).

**#10 - 19 mai 2015 01:06 - Benjamin Dauvergne**

Appliqué par commit [authentic2|43270b86ef8e088237771ccf654457ff86f632a6](#).

**#11 - 27 mai 2015 15:20 - Benjamin Dauvergne**

Appliqué par commit [authentic2|a8ee65d87e5bd18c5c5662eae01e8145379addb1](#).

**#12 - 27 mai 2015 15:20 - Benjamin Dauvergne**

Appliqué par commit [authentic2|293ff36b463b9d730f15aa22f5fcebef5c38484b](#).

**#13 - 27 mai 2015 15:56 - Benjamin Dauvergne**

Appliqué par commit [authentic2|eda129d7b23fc2cc6a4c90844fa71f948cb725bb](#).

**#14 - 23 février 2016 12:58 - Benjamin Dauvergne**

- Statut changé de Résolu (à déployer) à Solution déployée

**#15 - 06 décembre 2017 15:28 - Benjamin Dauvergne**

- Statut changé de Solution déployée à Fermé

**Fichiers**

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0001-custom_user-fix-initial-migration.patch	1,1 ko	14 mai 2015	Benjamin Dauvergne
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