Authentic 2 - Development #5244

upgrade for Django 1.7

05 août 2014 15:21 - Benjamin Dauvergne

Statut:	Fermé	Début:	05 août 2014
Priorité:	Normal	Echéance:	
Assigné à:	Benjamin Dauvergne	% réalisé:	0%
Catégorie:		Temps estimé:	0:00 heure
Version cible:	2.1.12		
Patch proposed:	Non	Planning:	
Description			
We need to start targeting Django 1.6 without losing compatibility with Django 1.5			

Révisions associées

Révision c2298faa - 09 décembre 2014 10:42 - Benjamin Dauvergne

[django-1.6] fix import path of FieldDoesNotExist exception

refs #5244

Révision d02122ca - 09 décembre 2014 10:49 - Benjamin Dauvergne

[django-1.6] adapt to API change on EmailValidator

keep local implementation backward compatible with Django < 1.6

refs #5244

Révision 48436288 - 09 décembre 2014 10:49 - Benjamin Dauvergne

[django-1.6] middleware: do not store set() object in sessions only lists

refs #5244

Révision baa71008 - 09 décembre 2014 10:49 - Benjamin Dauvergne

[django-1.6] use ATOMIC_REQUESTS setting instead of TransactionMiddleware

Also remove all use of commit_on_success decorator which is useless
since all requests are atomic.

refs #5244

Révision c2e98e1a - 11 décembre 2014 14:33 - Benjamin Dauvergne

[django-1.6] fix import path of FieldDoesNotExist exception

refs #5244

Révision e031cab5 - 11 décembre 2014 14:33 - Benjamin Dauvergne

[django-1.6] adapt to API change on EmailValidator

keep local implementation backward compatible with Django < 1.6

refs #5244

Révision b3def63a - 11 décembre 2014 14:33 - Benjamin Dauvergne

[django-1.6] middleware: do not store set() object in sessions only lists

refs #5244

Révision 010b9221 - 11 décembre 2014 14:33 - Benjamin Dauvergne

[django-1.6] use ATOMIC_REQUESTS setting instead of TransactionMiddleware

Also remove all use of commit_on_success decorator which is useless
since all requests are atomic.

refs #5244

Révision f72155c8 - 11 décembre 2014 14:33 - Benjamin Dauvergne

[django-1.6] authentication backends import path must match the canonical *module*.__class__

refs #5244

Révision 266e6ed9 - 11 décembre 2014 14:33 - Benjamin Dauvergne

[django-1.6] LDAPUser application cannot be deduced without a Meta.app_label

refs #5244

Révision 242815a1 - 11 décembre 2014 14:33 - Benjamin Dauvergne

[django-1.6] add default value to all BooleanField missing it

refs #5244

Révision e2213b9b - 11 décembre 2014 14:33 - Nickolas Grigoriadis

Added tox as a test-runner.

It will build different virtualenvs for each target.
getlasso.sh is somewhat hacky, but until lasso is installable through pip this is the workaround.

License: MIT

refs #5244

Révision 8cb6fa6f - 11 décembre 2014 14:33 - Nickolas Grigoriadis

changed .raw_post_data to .body as per django1.4 deprecation rules.

License: MIT

refs #5244

Révision a17812bd - 11 décembre 2014 14:33 - Nickolas Grigoriadis

changed mimetype to content_type as per django1.5 deprecation rules.

License: MIT

refs #5244

Révision 956a520a - 11 décembre 2014 14:33 - Benjamin Dauvergne

Create a base_no_sekizai.html base template for 404 and 500 templates as they are used by Django tests which do not install django-sekizai

refs #5244

Révision c498ab7c - 11 décembre 2014 14:33 - Benjamin Dauvergne

Add setting A2_VALIDATE_EMAIL_DOMAIN to completely disable email domain checking

refs #5244

Révision 0c364453 - 11 décembre 2014 14:33 - Benjamin Dauvergne

Add default value to test_setting to accomodate needs of Django tests

refs #5244

Révision bf4754d5 - 11 décembre 2014 14:33 - Benjamin Dauvergne

Run tox as part of the continuous integration script, stop the script on any error

refs #5244

Révision 58d827d4 - 11 décembre 2014 14:33 - Benjamin Dauvergne

Add Django 1.7 environment to tox configuration

fixes #5244

Révision 9ddcbe7e - 11 décembre 2014 17:10 - Benjamin Dauvergne

[django-1.7] Declare authentic2 compatible with django 1.7

refs #5244

Révision 14f098ec - 11 décembre 2014 17:11 - Benjamin Dauvergne

[django-1.7] Rename all migrations directories to south_migrations and depends on south >= 1.0.0

refs #5244

Révision 14f969e4 - 11 décembre 2014 17:11 - Benjamin Dauvergne

[django-1.7] User profiles were deprecated in django 1.5, partially remove the functionnality from our copy of AbstractUser

refs #5244

Révision a9a714f3 - 11 décembre 2014 17:11 - Benjamin Dauvergne

[django-1.7] Use new application config ready() method to fix user models

refs #5244

Révision 1846b8db - 11 décembre 2014 17:11 - Benjamin Dauvergne

[django-1.7] Use application configuration to rename the SAML 2.0 idp application and prevent name collision

refs #5244

Révision 5d006795 - 11 décembre 2014 17:11 - Benjamin Dauvergne

[django-1.7] Use allow lazy to apply string tranformation to translatable string in models definitions

refs #5244

Révision 39c63d79 - 11 décembre 2014 17:14 - Benjamin Dauvergne

[django-1.7] Replace django-registration by django-registration-redux to get Django 1.7 compatibility

refs #5244

Révision 62c9cab8 - 11 décembre 2014 17:14 - Benjamin Dauvergne

[django-1.6] Add missing default value to AttributePolicy.enabled field

refs #5244

Révision 86bd809b - 11 décembre 2014 17:14 - Benjamin Dauvergne

[django-1.6] Not settings Meta.fields or Meta.exclude has been deprecated

refs #5244

Révision d784cf28 - 11 décembre 2014 18:13 - Benjamin Dauvergne

[django-1.7] Natural primary key support have been added to Django 1.7, we only need natural generic foreign key support now

refs #5244

Révision 0c4433a5 - 11 décembre 2014 18:13 - Benjamin Dauvergne

[django-1.7] Prevent Django 1.7 showing a warning about test suites initialized before Django 1.6

refs #5244

Révision cb4ffe5e - 11 décembre 2014 18:13 - Benjamin Dauvergne

[django-1.7] Add migrations for Django 1.7

refs #5244

Révision 32d1c6fc - 15 février 2015 23:46 - Benjamin Dauvergne

[django-1.7] Declare authentic2 compatible with django 1.7

refs #5244

Révision 3d24f740 - 15 février 2015 23:46 - Benjamin Dauvergne

[django-1.7] User profiles were deprecated in django 1.5, partially remove the functionnality from our copy of AbstractUser

refs #5244

Révision 6000feb9 - 15 février 2015 23:46 - Benjamin Dauvergne

[django-1.7] Use new application config ready() method to fix user models

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Révision af4ea674 - 15 février 2015 23:46 - Benjamin Dauvergne

[django-1.7] Use application configuration to rename the SAML 2.0 idp application and prevent name collision

refs #5244

Révision db8dc587 - 15 février 2015 23:46 - Benjamin Dauvergne

[django-1.7] Use allow lazy to apply string tranformation to translatable string in models definitions

refs #5244

Révision 0a4acfbd - 15 février 2015 23:49 - Benjamin Dauvergne

[django-1.6] Add missing default value to AttributePolicy.enabled field

refs #5244

Révision cbdcf5d9 - 15 février 2015 23:49 - Benjamin Dauvergne

[django-1.6] Not settings Meta.fields or Meta.exclude has been deprecated

refs #5244

Révision 252476d0 - 15 février 2015 23:52 - Benjamin Dauvergne

[django-1.7] Natural primary key support have been added to Django 1.7, we only need natural generic foreign key support now

refs #5244

Révision db95cc23 - 15 février 2015 23:52 - Benjamin Dauvergne

[django-1.7] Prevent Django 1.7 showing a warning about test suites initialized before Django 1.6

refs #5244

Historique

#1 - 05 août 2014 15:23 - Benjamin Dauvergne

- Fichier 0001-django-1.6-fix-import-path-of-FieldDoesNotExist-exce.patch ajouté

- Fichier 0002-django-1.6-adapt-to-API-change-on-EmailValidator.patch ajouté

- Patch proposed changé de Non à Oui

#2 - 12 août 2014 14:40 - Benjamin Dauvergne

- Fichier 0003-django-1.6-middleware-do-not-store-set-object-in-ses.patch ajouté

- Fichier 0004-django-1.6-use-ATOMIC_REQUESTS-setting-instead-of-Tr.patch ajouté

- Fichier 0005-django-1.6-authentication-backends-import-path-must-.patch ajouté

- Fichier 0006-django-1.6-LDAPUser-application-cannot-be-deduced-wi.patch ajouté

Autres patchs pour Django 1.6.

#3 - 20 août 2014 13:40 - Benjamin Dauvergne

- Assigné à mis à Benjamin Dauvergne

#4 - 09 septembre 2014 09:45 - Benjamin Dauvergne

- Sujet changé de upgrade for Django 1.6 à upgrade for Django 1.7

Now we target Django 1.7.

#5 - 12 octobre 2014 18:32 - Benjamin Dauvergne

Documents to review:

- https://django.readthedocs.org/en/latest/releases/1.6.html
- https://django.readthedocs.org/en/latest/releases/1.7.html

Maybe faster to review the deprecation timeline: https://django.readthedocs.org/en/latest/internals/deprecation.html#deprecation-removed-in-1-6

After a fast reading of the the deprecation timeline I see these important points to review:

- BooleanField does not have default=False by default
  https://django.readthedocs.org/en/latest/releases/1.6.html#booleanfield-no-longer-defaults-to-false
- URL quoting in reverse() https://django.readthedocs.org/en/latest/releases/1.6.html#quoting-in-reverse
- execute_manager() has been removed:

```
tests/integration/saml2/idp_manage.py:      execute_manager(settings)
tests/integration/saml2/sp_manage.py:       execute_manager(settings)
```

- HttpRequest.raw_post_data was renamed .body

```
authentic2/saml/common.py:61:      return request.raw_post_data
```

- HttReponse.__init__ argument mimetype was renamed content_type

```
authentic2/idp/idp_openid/views.py:216:      }, context_instance=RequestContext(request), mimetype=YADIS_CON
TENT_TYPE)
authentic2/idp/saml/saml2_endpoints.py:105:            mimetype='text/xml')
authentic2/saml/common.py:177:        return HttpResponse(profile.msgBody, mimetype = 'text/xml')
authentic2/saml/common.py:216:    return HttpResponse(profile.msgBody, mimetype = 'text/xml')
authentic2/saml/common.py:636:     return HttpResponse(content, mimetype = "text/xml")
```

Transaction management should be reviewed too.

#6 - 19 novembre 2014 09:58 - Nickolas Grigoriadis

I wanted to evaluate this, so I created a branch of this on Github:
https://github.com/grigi/authentic2

Fisrtly I wanted to get a full test suite running for both Django 1.5 and 1.6, to ensure that these patches don't obviously break something.
Due to the invasive nature of authentic2, I ensured that all tests for Django, 3'rd party apps and authentic2 ran.

Commit: Added tox to run tests for both Djang1.5 and Django1.6
1.5: 3 failures, 12 errors
1.6: 103 errors

0001 & 0002 failed to apply.

Commit: applied 0003-django-1.6-middleware-do-not-store-set-object-in-ses.patch
1.5: 3 failures
1.6: 21 failures, 6 errors

0004 & 0005 failed to apply

Commit: applied 0006-django-1.6-LDAPUser-application-cannot-be-deduced-wi.patch
No change in test results

Experiment
Of the 3 failures in 1.5, 2 are to do with authentic2.backends.ModelBackend, 1 with django-registration
So I Temporarily Changed AUTHENTICATION_BACKENDS to use django.contrib.auth.backends.ModelBackend instead
1.5: 1 failure
1.6: 1 failure, 2 errors
This means there is something not right in authentic2.backends.ModelBackend, is this needed?

#7 - 19 novembre 2014 12:14 - Nickolas Grigoriadis

You should maybe consider getting rid of django-registration as a dependency, as it doesn't work with Django>1.5.
There is a ticket on the bitbucket page to add support for 1.6, but the maintainer essentially quit maintaining it, and nobody else took ownership.

I made a mistake with my test runner for Django>=1.6 where django-registration test filenames don't conform to the new pattern match, so you have to do a -p *init*.py for registration ONLY.

There is a package called django-registration2, but it seems to have been forked from django-registration very long ago, and is missing much of the new features :-(

The general consensus on the net is to migrate over to django-allauth, but I haven't evaluated if it uses all the features you use.

#8 - 19 novembre 2014 12:37 - Nickolas Grigoriadis

Commit: applied 0001-django-1.6-fix-import-path-of-FieldDoesNotExist-exce.patch
1.5: 2 failures
1.6: 21 failures, 6 errors

I cannot apply 0002 manually. It looks like the code got overhauled since.

I cannot apply 0004 cleanly, and the existing is still valid through to Django 1.7. Whereas it will break 1.5 compatibility. So I'm proposing skipping it.

Commit: manually applied 0005-django-1.6-authentication-backends-import-path-must-.patch
1.5: 2 failures
1.6: 4 failures, 2 errors

I applied all the patches here that I could, and it definitely helped 1.6 compatibility and actually helped 1.5 as well.

#9 - 19 novembre 2014 13:18 - Nickolas Grigoriadis

- Fichier 0007-added-default-False-to-all-BooleanFields-that-didn-t.patch ajouté

- Fichier 0008-changed-.raw_post_data-to-.body-as-per-django1.4-dep.patch ajouté

- Fichier 0009-changed-mimetype-to-content_type-as-per-django1.5-de.patch ajouté

Commit: added default=False to all BooleanFields that didn't have an explicit default
1.5: 2 failures
1.6: 4 failures, 1 error

Commit: changed .raw_post_data to .body as per django1.4 deprecation rules.
1.5: 2 failures
1.6: 4 failures, 1 error

Commit: changed mimetype to content_type as per django1.5 deprecation rules.
1.5: 2 failures
1.6: 4 failures, 1 error

The tests under tests/integration/saml2/ isn't usable as they are now, and should probably be rewritten to use a LiveServerTestCase and test-specific fixtures.
I also found no more things to do based on the deprecation info from Django.

#10 - 19 novembre 2014 13:58 - Nickolas Grigoriadis

- Fichier 0001-applied-0003-django-1.6-middleware-do-not-store-set-.patch ajouté

- Fichier 0002-applied-0006-django-1.6-LDAPUser-application-cannot-.patch ajouté

- Fichier 0003-applied-0001-django-1.6-fix-import-path-of-FieldDoes.patch ajouté

- Fichier 0004-manually-applied-0005-django-1.6-authentication-back.patch ajouté

- Fichier 0005-added-default-False-to-all-BooleanFields-that-didn-t.patch ajouté

- Fichier 0006-changed-.raw_post_data-to-.body-as-per-django1.4-dep.patch ajouté

- Fichier 0007-changed-mimetype-to-content_type-as-per-django1.5-de.patch ajouté

I evaluated all the failing tests, this is my findings:

Django 1.5:
2 failiures relates to 'authentic2.backends.models_backend.ModelBackend'

Django 1.6:
3 failiures relates to 'authentic2.backends.models_backend.ModelBackend'
1 failiure is because you are overriding LOGIN_REDIRECT_URL, and the test case test the default, hence an expected failure in this case
1 error is to do with django.contrib.messages and I can't see why it is failing. None of the authentic2 code is causing it to fail.

The tests failing due to 'authentic2.backends.models_backend.ModelBackend' actually seems correct behaviour since you wrapped User in a

ProxyUser class. I'm not sure why that handler exists, as it doesn't seem to do much above djangos modelBackend, and changing it doesn't cause any regressions that I can notice when using the system.

I think using this methodology of running 3rd party tests has exhausted updating the code to port to django 1.6.

Using it as it is now, it seems to work pretty well, except for django-registration (which I don't need in my installation).

Could you please evaluate the changes I did to fix Django 1.6 and apply as much of them as you are comfortable to avoid the issue of the patches getting even more out of date?

I re-generated 7 commits as patch files, that should apply cleanly to the current version, and doesn't break 1.5 compat, but essentially fixes 1.6 except for removing registration, which I think is outside the scope of this.

#11 - 19 novembre 2014 14:28 - Nickolas Grigoriadis

- Fichier 0001-Added-tox-as-a-test-runner-it-will-build-different-v.patch ajouté

For informational purposes only: Attached is a patch for getting tox up and running for this.
tox is nice for when you need to run tests for multiple different installations, and in this case django1.6 and django1.7.
Note: getlasso.sh is very hacky and should probably be changed.

#12 - 21 novembre 2014 19:44 - Benjamin Dauvergne

Could you add a "License: MIT" line to your patchs ? We only accept contributions with a BSD-like license (I should add the policy to the README file).

#13 - 21 novembre 2014 19:46 - Benjamin Dauvergne

Just to be clear the License line must be added to the end of your commit message (last line of it_).

#14 - 22 novembre 2014 06:28 - Nickolas Grigoriadis

- Fichier 0001-Added-tox-as-a-test-runner.patch ajouté

- Fichier 0001-applied-0003-django-1.6-middleware-do-not-store-set-.patch ajouté

- Fichier 0002-applied-0006-django-1.6-LDAPUser-application-cannot-.patch ajouté

- Fichier 0003-applied-0001-django-1.6-fix-import-path-of-FieldDoes.patch ajouté

- Fichier 0004-manually-applied-0005-django-1.6-authentication-back.patch ajouté

- Fichier 0005-added-default-False-to-all-BooleanFields-that-didn-t.patch ajouté

- Fichier 0006-changed-.raw_post_data-to-.body-as-per-django1.4-dep.patch ajouté

- Fichier 0007-changed-mimetype-to-content_type-as-per-django1.5-de.patch ajouté

Ok, I added License: MIT to each commit.

I also supplied a slightly less flaky getlasso.sh to the 0001-Added-tox-as-a-test-runner.patch

#15 - 09 décembre 2014 10:13 - Nickolas Grigoriadis

Hi

Is there any particular reason that this issue is being held up?

#16 - 09 décembre 2014 10:26 - Benjamin Dauvergne

Sorry I lack time to review it currently, I'll try to do it soon.

#17 - 10 décembre 2014 08:39 - Nickolas Grigoriadis

Thanks for the update :-)

#18 - 10 décembre 2014 16:13 - Benjamin Dauvergne

I applied your patches and mine on this branch : http://repos.entrouvert.org/authentic.git/log/?h=wip/5244-django-17-compatibility could you verify it works on your side and the I will merge it. The remaining failure I see with tests from django.contrib.* applications are all related to to assumptions from Django which are wrong, for example that only if CUSTOM_USER_MODEL is set, authentication backend returns non-User models. Authentic2 LDAP backend does that, it returns a proxy-model to the classic User model, which is not an error.

#19 - 11 décembre 2014 08:13 - Nickolas Grigoriadis

- Fichier 0001-Atomic-settings.patch ajouté

I tested it on our implementation using both Django 1.5 and 1.6, and other than a minor settings change needed (attached patch) everything works nicely :-)
As we don't depend on registration, I wasn't affected by registration not supporting Django>1.5

The messages tests "test_middleware_disabled" are failing where sekizai complains about middleware not correctly configured, which is to spec of sekizai, so I see no problem.

Thanks, looks good :-)

#20 - 11 décembre 2014 14:35 - Benjamin Dauvergne

- Statut changé de Nouveau à Résolu (à déployer)

- % réalisé changé de 0 à 100

Appliqué par commit [58d827d4ec44ca370dce3c139039686ce618e921](.).

#21 - 11 décembre 2014 14:36 - Benjamin Dauvergne

- Statut changé de Résolu (à déployer) à Fermé

- % réalisé changé de 100 à 0

Ok, I fixed my patch about ATOMIC_REQUESTS (I misread the documentation I think) with yours, I fixed all boolean field missing a default value, I added integration to our jenkins jobs to run tox on each commit, a django 1.7 section to tox.ini. It's pushed to master, thank your for your help on this ticket.

#22 - 11 décembre 2014 15:08 - Benjamin Dauvergne

- Statut changé de Fermé à En cours

I re-open this ticket as there are still some incompatibities for running with django 1.7, like django 1.7 migrations.

#23 - 11 décembre 2014 18:18 - Benjamin Dauvergne

I made a new serie of patches to fully support Django 1.7, would you test them ?

http://repos.entrouvert.org/authentic.git/log/?h=wip/django-1.7-migrations

#24 - 12 décembre 2014 08:13 - Nickolas Grigoriadis

- Fichier 0001-Documentation-to-upgrade-to-2.2-bump-to-2.2.0dev.patch ajouté

- Fichier 0002-Makemigrations-these-seem-valid.patch ajouté

- Fichier 0003-DONTAPPLY-There-is-something-wrong-with-the-Attribut.patch ajouté

Wow, that was quick!

I tested upgrading from south to django1.7, and it seems you MUST finish applying all the migrations before upgrading to 1.7, then upgrade to 1.7 and re-run migrate.
You should probably add that to the docs.
I attached updated docs.

Then I also noticed that migrate complained I had unmigrated models, so I ran makemigrations, (patch 2)
and found something interesting (not in a good way).
There is something wrong with the Attribute.kind field enum, it always points to some proxymodel instance, hence is unstable. You have a better idea as to what REALLY needs to be done here.
Demonstration is on patch3, or re-run makemigrations, and it will keep on changing that enum :-(

I then ran tests and have some failiures:
django.db.utils.OperationalError: no such table: auth_customuser
django.db.utils.OperationalError: no such table: contenttypes_concretemodel

excluding django.contrib.auth and django.contrib.contenttypes resolves that issue, but I'm actually quite interested in the django.contrib.auth tests.

#25 - 12 décembre 2014 10:31 - Benjamin Dauvergne

I will not merge the Django 1.7 migrations until we decide that Django 1.7 is mandatory, as the move for every deployment will be one way and we cannot manage two lines of development. Until this time Django 1.7 support will be experimental.

As for the customizable choices varying at each makemigrations it's a known limitations of the new migration system[1]; the only fix will be to move all variable choices in forms and not on models; default choices on models will be empty.

[1]: https://code.djangoproject.com/ticket/22837 and https://code.djangoproject.com/ticket/23581

#26 - 12 décembre 2014 13:50 - Nickolas Grigoriadis

Ah, ok. that explains that.

Yes, the upgrade to Django 1.7 can be quite disruptive, which is why I originally only tried to get 1.6 to work.

I really only needed Django 1.6 support, because Django 1.5 is now formally not maintained any more, and won't get more security updates, but 1.6 will still for about half a year.

If you can maybe apply some of the fixes from that branch that is not in master yet? The django-registration-redux which we need for Django 1.6 would allow us to do the upgrade a little more incrementally?

e.g. Commits:
#5d006795 #39c63d79 #62c9cab8 #86bd809b #14f969e4
look safe for me to apply?

And some documentation that you may need to "pip uninstall django-registration" on upgrade?

#27 - 06 mars 2015 15:47 - Benjamin Dauvergne

- Statut changé de En cours à Solution déployée

- Patch proposed changé de Oui à Non

Everything has been pushed but Django 1.7 initial migrations.

#28 - 06 mars 2015 16:05 - Benjamin Dauvergne

- Version cible mis à 2.1.12

#29 - 13 mars 2015 17:10 - Benjamin Dauvergne

- Statut changé de Solution déployée à Fermé

Fichiers

0001-django-1.6-fix-import-path-of-FieldDoesNotExist-exce.patch	2,84 ko	05 août 2014	Benjamin Dauvergne
0002-django-1.6-adapt-to-API-change-on-EmailValidator.patch	1,44 ko	05 août 2014	Benjamin Dauvergne
0003-django-1.6-middleware-do-not-store-set-object-in-ses.patch	1,01 ko	12 août 2014	Benjamin Dauvergne
0004-django-1.6-use-ATOMIC_REQUESTS-setting-instead-of-Tr.patch	4,44 ko	12 août 2014	Benjamin Dauvergne
0005-django-1.6-authentication-backends-import-path-must-.patch	1,2 ko	12 août 2014	Benjamin Dauvergne
0006-django-1.6-LDAPUser-application-cannot-be-deduced-wi.patch	783 octets	12 août 2014	Benjamin Dauvergne
0007-added-default-False-to-all-BooleanFields-that-didn-t.patch	10,7 ko	19 novembre 2014	Nickolas Grigoriadis
0008-changed-.raw_post_data-to-.body-as-per-django1.4-dep.patch	852 octets	19 novembre 2014	Nickolas Grigoriadis
0009-changed-mimetype-to-content_type-as-per-django1.5-de.patch	2,4 ko	19 novembre 2014	Nickolas Grigoriadis
0001-applied-0003-django-1.6-middleware-do-not-store-set-.patch	1004 octets	19 novembre 2014	Nickolas Grigoriadis
0002-applied-0006-django-1.6-LDAPUser-application-cannot-.patch	757 octets	19 novembre 2014	Nickolas Grigoriadis
0003-applied-0001-django-1.6-fix-import-path-of-FieldDoes.patch	2,81 ko	19 novembre 2014	Nickolas Grigoriadis
0004-manually-applied-0005-django-1.6-authentication-back.patch	946 octets	19 novembre 2014	Nickolas Grigoriadis
0005-added-default-False-to-all-BooleanFields-that-didn-t.patch	10,7 ko	19 novembre 2014	Nickolas Grigoriadis
0006-changed-.raw_post_data-to-.body-as-per-django1.4-dep.patch	852 octets	19 novembre 2014	Nickolas Grigoriadis
0007-changed-mimetype-to-content_type-as-per-django1.5-de.patch	2,4 ko	19 novembre 2014	Nickolas Grigoriadis
0001-Added-tox-as-a-test-runner-it-will-build-different-v.patch	4,07 ko	19 novembre 2014	Nickolas Grigoriadis
0001-Added-tox-as-a-test-runner.patch	4,34 ko	22 novembre 2014	Nickolas Grigoriadis
0001-applied-0003-django-1.6-middleware-do-not-store-set-.patch	1017 octets	22 novembre 2014	Nickolas Grigoriadis
0002-applied-0006-django-1.6-LDAPUser-application-cannot-.patch	770 octets	22 novembre 2014	Nickolas Grigoriadis
0003-applied-0001-django-1.6-fix-import-path-of-FieldDoes.patch	2,82 ko	22 novembre 2014	Nickolas Grigoriadis
0004-manually-applied-0005-django-1.6-authentication-back.patch	959 octets	22 novembre 2014	Nickolas Grigoriadis
0005-added-default-False-to-all-BooleanFields-that-didn-t.patch	10,8 ko	22 novembre 2014	Nickolas Grigoriadis
0006-changed-.raw_post_data-to-.body-as-per-django1.4-dep.patch	865 octets	22 novembre 2014	Nickolas Grigoriadis
0007-changed-mimetype-to-content_type-as-per-django1.5-de.patch	2,42 ko	22 novembre 2014	Nickolas Grigoriadis
0001-Atomic-settings.patch	619 octets	11 décembre 2014	Nickolas Grigoriadis
0001-Documentation-to-upgrade-to-2.2-bump-to-2.2.0dev.patch	2,45 ko	12 décembre 2014	Nickolas Grigoriadis
0002-Makemigrations-these-seem-valid.patch	2,86 ko	12 décembre 2014	Nickolas Grigoriadis