
django-utilities Documentation

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Ivan Gromov

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A set of Django useful utilities.

- Localized date filter
- ConsoleException middleware

Installation:

1. Put utilities in to your `INSTALLED_APPS` in your `settings.py` within your django project.

Usage:

2.1 Local date template filter:

The `date_local` filter supposed to be used with Django 1.1 (1.2+ already has such feature). Load filter with `{% load utilities_tags %}` and use it like date **‘Django date filter’**_

For example:

```
{{ entry.creation_date|date_local:"d F Y" }}
```

Returns 01 2010 for ru locale

2.2 ConsoleException middleware:

Often you get annoyed when Django show Tracebacks like

```
File "/home/mysite/django-mysite3/django/template/__init__.py", line
800, in render_node
return node.render(context)
```

ConsoleException middleware prints original tracebacks in STDOUT. It is very helpful for debugging sometimes. Use it **ONLY** in development mode!

2.3 SplitDateField:

You can specify minimal and maximum date with attributes `from_date` (default `datetime.date(1930,01,01)`) and `till_date` (default `datetime.date.today()`), they must have date type or be callable object. Also you may reverse order of years with help of boolean attribute `reverse` (default False).

If `from_date=datetime.date(2007,01,01)`, `till_date=datetime.date(2010,01,01)` and `reverse=False`, then we obtain the sequence of years: 2007, 2008, 2009, 2010

To use it in your `models.py`

```
from utilities.fields import SplitDateField

class MyModel(models.Model):
    date = SplitDateField(from_date=datetime.date(2008,10,01),
        till_date=datetime.date.today(), reverse=True)
```

To use it in your `forms.py`

```
from utilities.fields import SplitDateFormField

class MyForm(forms.Form)
    date = SplitDateFormField(from_date=datetime.date(2008,10,01),
                             till_date=datetime.date.today, reverse=True)
```

2.4 Management commands:

Since 0.1.4 few management commands added:

imagekit_recache Re-create cache for imagekit models. Command has `-force` option to delete old cache dir.

update_permissions Update permissions for installed models. Useful if you change permissions in project's lifecycle.

2.5 AJAX CSRF:

Django CSRF protection (<https://docs.djangoproject.com/en/dev/ref/contrib/csrf/#ajax>) documentation offer solution to set CSRF headers to ajax requests on site. That solution copied into utilities script to avoid copy-paste.:

```
<script type="text/javascript" src="{{ STATIC_URL }}utilities/js/csrf.js" />
```

2.6 History:

2.6.1 0.1.0 (2010-11-04)

- Initial release

2.6.2 0.1.1 (2010-11-15)

- Added reset password form

2.6.3 0.1.2 (2010-11-16)

- Bugfixes in `date_local` template filter
- Fixed compatibility `ResetPasswordForm` in Django 1.1

2.6.4 0.1.3 (2010-11-23)

- Add `SplitDateField`

2.6.5 0.1.4 (2012-02-01)

- Added management commands, wrapped ImagePreviewField IOError

2.6.6 0.1.5

- Added Django's CSRF ajax script

2.6.7 0.1.6 (2015-11-02)

- Removed ImagePreviewField
- Removed Dot is username: django 1.7 work with dots in user name
- Removed Reset password form