

Урок 11

Слаги

```
name_slug = models.CharField(verbose_name=_('Name slug'), max_length=250, blank=True)
```

pytils

Russian-specific string utils

Simple tools for processing strings in russian (choose proper form for plurals, in-words representation of numerals, dates in russian without locales, transliteration, etc)

```
def save(self, **kwargs):
    if not self.id:
        self.name_slug = pytils.translit.slugify(self.name)
    return super(Journal, self).save(**kwargs)

def get_absolute_url(self):
    return reverse("journal", kwargs={"slug": self.name_slug})
```

Мультиязычность в django

Интерфейс

settings.py

```
LANGUAGES = (  
    ('hy', _('Armenian')),  
    ('ru', _('Russian')),  
    ('en', _('English')),  
)  
LANGUAGE_CODE = 'ru-ru'  
USE_I18N = True  
USE_L10N = True  
LOCALE_PATHS = (  
    join(BASE_DIR, 'locale'),  
)
```

Мультиязычность в django

```
urls.py
from django.conf.urls.i18n import i18n_patterns
urlpatterns += i18n_patterns(
    ",
    url(r'^catalog/(?P<slug>[^\.]+)\.html', JournalListView.as_view(), name="catalog"),
    ....
)
url(r'^lang/(?P<language>\w+)\$', 'main.views.lang', name='lang'),
```

Шаблон

```
{% get_current_language as LANGUAGE_CODE %}
<a href="{% url 'lang' 'en' %}" class="langEN">{% trans 'English' %}</a>
```

Мультиязычность в django

View

```
from django.utils import translation

def lang(request, language):
    """
    :param language:
    Set locale
    """

    if hasattr(request, 'session'):
        request.session['django_language'] = language
    else:
        response.set_cookie(settings.LANGUAGE_COOKIE_NAME, language)
    translation.activate(language)
    return redirect('home')
```

Переводим интерфейс

```
./manage.py makemessages --all
```

```
./manage.py compilemessages
```

```
pip install django-rosetta
```

django-rosetta

Rosetta

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English				
File	Messages	Translated	Obsolete	Progress
/Volumes/woot/Users/mbi/Code/momentn/trunk/media/locale/en/LC_MESSAGES/djangojs.po	2	0	0	0.00%

French				
File	Messages	Translated	Obsolete	Progress
/Volumes/woot/Users/mbi/Code/momentn/trunk/momentn/locale/fr/LC_MESSAGES/django.po	250	9	0	3.00%
/Volumes/woot/Users/mbi/Code/momentn/trunk/media/locale/fr/LC_MESSAGES/djangojs.po	2	0	0	0.00%

German				
File	Messages	Translated	Obsolete	Progress
/Volumes/woot/Users/mbi/Code/momentn/trunk/momentn/locale/de/LC_MESSAGES/django.po	250	1	0	0.00%
/Volumes/woot/Users/mbi/Code/momentn/trunk/media/locale/de/LC_MESSAGES/djangojs.po	2	0	0	0.00%

Dutch				
File	Messages	Translated	Obsolete	Progress
/Volumes/woot/Users/mbi/Code/momentn/trunk/momentn/locale/nl/LC_MESSAGES/django.po	250	3	0	1.00%
/Volumes/woot/Users/mbi/Code/momentn/trunk/media/locale/nl/LC_MESSAGES/djangojs.po	2	0	0	0.00%

Визуальные редакторы

```
pip install django-wysiwyg-redactor
```

```
admin.py
```

```
from redactor.widgets import RedactorEditor
```

```
class PageForm(ModelForm):
```

```
    class Meta:
```

```
        model = Page
```

```
        widgets = {
```

```
            'content_hy': RedactorEditor(),
```

```
            'content_ru': RedactorEditor(),
```

```
            'content_en': RedactorEditor(),
```

```
        }
```

```
class PageAdmin(TranslationAdmin):
```

```
    form = PageForm
```

```
admin.site.register(Page, PageAdmin)
```


Пакет комментариев

Django's comments framework

1. Install the comments framework by adding `'django.contrib.comments'` to `INSTALLED_APPS`.
2. Run `manage.py migrate` so that Django will create the comment tables.
3. Add the comment app's URLs to your project's `urls.py`:

```
4. urlpatterns = patterns('',  
    ...  
    (r'^comments/', include('django.contrib.comments.urls')),  
    ...  
)
```

5. Use the `comment template tags` below to embed comments in your templates.

Комментарии

```
{% load comments %}
```

```
{% render_comment_list for [object] %}
```

```
{% render_comment_form for [object] %}
```

```
{% get_comment_form for event as form %}
```

```
<form action="{% comment_form_target %}" method="post">
```

```
    {% csrf_token %}
```

```
    {{ form }}
```

```
    <input type="submit" name="submit" value="Post">
```

```
</form>
```

Методы объекта модели

```
def save(self, **kwargs):
    if not self.id:
        self.name_slug = pytils.translit.slugify(self.name)
    return super(Journal, self).save(**kwargs)

from django.utils.safestring import mark_safe

@property
def get_cover(self):
    try:
        return mark_safe('' % self.cover.url)
    except:
        return mark_safe('' % '/media/journal_cover/plugin.jpg')
```