Django Jssor Documentation

Release 0.6

synw

September 12, 2016

Contents

Contents:

Install

```
pip install django-jssor
```

Add `"jssor",` to installed apps.

Add the urls: `url(r'^slideshows/', include('jssor.urls')),`

Usage

Django Jssor can load different slideshows depending on the screen resolution. The ResponsiveGroup model is a set of slideshows for different breakpoints. Every slideshow can be thight to a breakpoint. Here is the models hierarchy:

ResponsiveGroup -> Slideshow -> Slide

How it works: the loader sends an ajax query to the backend, that will render the proper slideshow according to the device width.

2.1 With models

Create a slideshow and a responsive group. Attach the slideshow to the group. Optionaly add more slideshows for different breakpoints to the group.

Example with a simple page app:

```python
# models.py

from django.db import models
from jssor.models import ResponsiveGroup

class Page(models.Model):
    url = models.CharField(max_length=255)
    title = models.CharField(max_length=255)
    content = models.TextField(blank=True)
    slideshow_group = models.ForeignKey(ResponsiveGroup, null=True, blank=True)
```

We need to pass the slideshow group into the template context:

```python
# views.py

from django.views.generic import TemplateView
from pages.models import Page
from django.shortcuts import get_object_or_404

class PageView(TemplateView):
    template_name = 'pages/index.html'

    def get_context_data(self, **kwargs):
        context = super(PageView, self).get_context_data(**kwargs)
        url = kwargs['url']
        if not url.startswith('/'):
            url = '/' + url
```

```
    if not url.endswith('/'):
        url += '/'
    page = get_object_or_404(Page.objects.prefetch_related("slideshow_group__slideshows"), url=url)
    slideshow_group = page.slideshow_group
    context['page'] = page
    context['slideshows_group'] = slideshow_group
    context['fullscreen'] = slideshow_group.fullscreen
    context['load_jquery'] = True
    return context
```

Include the loader in the template:

```
# templates/pages/index.html

<html>
<body>
{% if not fullscreen %}
<div id="header">
   Django Jssor Example
</div>
{% endif %}
<div id="slideshow"></div>
{% include "jssor/loader.html" %}
<div id="content">
   {% if page.content %}{{ page.content|safe }}{% endif %}
</div>
</body>
</html>
```

This example is available in the repository.

2.2 Standalone

You can display a slideshow from a list of images coming from any ImageField.

```
# views.py

obj = MyModel.objects.get(pk=1).select_related("images")
context["slides"] = obj.images.all()
```

In the template:

```
{% with 1200 as slideshow_width %}
{% with 500 as slideshow_height %}
   {% include "jssor/slideshows/bootstrap_slider.html" %}
{% endwith %}
{% endwith %}
```

Run the example

```
mkdir jssor_example
mv django-jssor/example jssor_example
cd jssor_example
virtualenv .
source bin/activate
pip install django django-jssor Pillow pytz
cd example
python manage.py runserver
```

Go to `http://localhost:8000/`.

Admin login is `admin` and password is `jssor_example`.