

Django - Comments

Before starting, note that the Django Comments framework is deprecated, since the 1.5 version. Now you can use external feature for doing so, but if you still want to use it, it's still included in version 1.6 and 1.7. Starting version 1.8 it's absent but you can still get the code on a different GitHub account.

The comments framework makes it easy to attach comments to any model in your app.

To start using the Django comments framework –

Edit the project settings.py file and add **'django.contrib.sites'**, and **'django.contrib.comments'**, to `INSTALLED_APPS` option –

```
INSTALLED_APPS += ('django.contrib.sites', 'django.contrib.comments',)
```

Get the site id –

```
>>> from django.contrib.sites.models import Site
>>> Site().save()
>>> Site.objects.all()[0].id
u'56194498e13823167dd43c64'
```

Set the id you get in the settings.py file –

```
SITE_ID = u'56194498e13823167dd43c64'
```

Sync db, to create all the comments table or collection –

```
python manage.py syncdb
```

Add the comment app's URLs to your project's urls.py –

```
from django.conf.urls import include
url(r'^comments/', include('django.contrib.comments.urls')),
```

Now that we have the framework installed, let's change our hello templates to tracks comments on our Dreamreal model. We will list, save comments for a specific Dreamreal entry whose name will be passed as parameter to the /myapp/hello URL.

Dreamreal Model

```
class Dreamreal(models.Model):

    website = models.CharField(max_length = 50)
    mail = models.CharField(max_length = 50)
    name = models.CharField(max_length = 50)
    phonenumber = models.IntegerField()

    class Meta:
        db_table = "dreamreal"
```

hello view

```
def hello(request, Name):
    today = datetime.datetime.now().date()
    daysOfWeek = ['Mon', 'Tue', 'Wed', 'Thu', 'Fri', 'Sat', 'Sun']
    dreamreal = Dreamreal.objects.get(name = Name)
    return render(request, 'hello.html', locals())
```

hello.html template

```
{% extends "main_template.html" %}
{% load comments %}
{% block title %}My Hello Page{% endblock %}
{% block content %}

<p>
    Our Dreamreal Entry:
    <p><strong>Name :</strong> {{dreamreal.name}}</p>
    <p><strong>Website :</strong> {{dreamreal.website}}</p>
    <p><strong>Phone :</strong> {{dreamreal.phonenumber}}</p>
    <p><strong>Number of comments :<strong>
    {% get_comment_count for dreamreal as comment_count %} {{ comment_count }}</p>
```

```
<p>List of comments :</p>
{% render_comment_list for dreamreal %}
</p>

{% render_comment_form for dreamreal %}
{% endblock %}
```

Finally the mapping URL to our hello view –

```
url(r'^hello/(?P<Name>\w+)/', 'hello', name = 'hello'),
```

Now,

In our template (hello.html), load the comments framework with – `{% load comments %}`
We get the number of comments for the Dreamreal object pass by the view – `{% get_comment_count for dreamreal as comment_count %}`
We get the list of comments for the objects – `{% render_comment_list for dreamreal %}`
We display the default comments form – `{% render_comment_form for dreamreal %}`

When accessing `/myapp/hello/steve` you will get the comments info for the Dreamreal entry whose name is Steve. Accessing that URL will get you –

Django Comments Example

On posting a comment, you will get redirected to the following page –

Comments Redirected Page

If you go to `/myapp/hello/steve` again, you will get to see the following page –

Number of Comments

As you can see, the number of comments is 1 now and you have the comment under the list of comments line.

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