django nedir, yenir mi?

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- * Open source
- * Nesne Yönelimli
- * Temiz sözdizimi
- * Öğrenmesi kolay
- * Güçlü



Guido van Rossum

```
a = 10

if a > 5:
    print 'büyük'
else:
    print 'küçük'
```

```
def factorial(x):
    if x == 0:
        return 1
    else:
        return x * factorial(x - 1)
```

Django

The Web framework for perfectionists with deadlines ...

... not a framework for beginners with deadlines

Tarihi

2003: Kansas, USA

2005: BSD & 0.90

2008: 1.0

2011: 1.3

Özellikler

- * Dökümantasyon
- * ORM
- * URL dispatcher
- * Templates
- * Interactive terminal
- * Admin Panel

- * Authentication & Authorization
- * i18n i L10n
- * Cache
- * Forms

Mimari

MTV (Model, Template, View)



Model

```
from django.db import models class

class Poll(models.Model):
    question = models.CharField(max_length=200)
    pub_date = models.DateTimeField('date published')

class Choice(models.Model):
    poll = models.ForeignKey(Poll)
    choice = models.CharField(max_length=200)
    votes = models.IntegerField()
```

ORM

```
>>> from polls.models import Poll, Choice
>>> Poll.objects.all()
>>> import datetime
>>> p = Poll(question="Naber?",
      pub date=datetime.datetime.now())
>>> p.save()
>>> p.id
>>> p.question
"Naber?"
```

orm devam

```
>>> Poll.objects.get(id=1)
<Poll: Naber?>
>>> Poll.objects.filter(question="Naber?")
[<Poll: Naber?>]
>>> Poll.objects.all().order_by("question")
[<Poll: Naber?>]
>>> Poll.objects.filter(question startswith="Nab")
[<Poll: Naber?>]
```

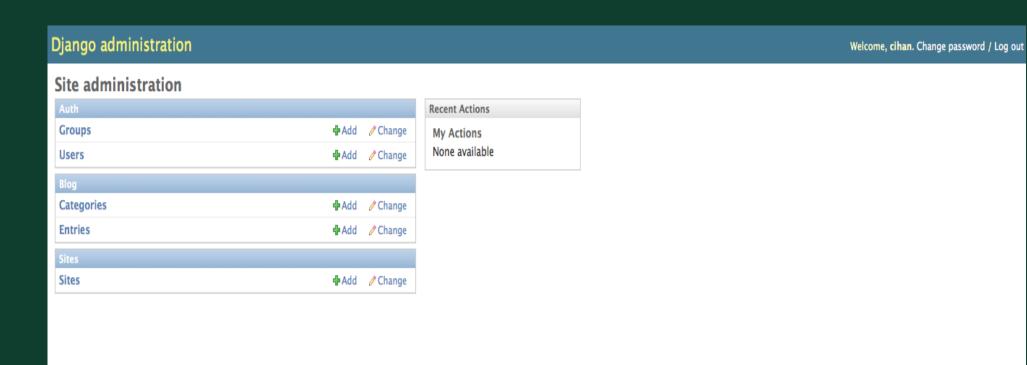
```
>>> p = Poll.objects.get(question="Naber?")
```

>>> p.question = "Naber Django?"

>>> p.save()

>>> p.question

Admin Panel



Views

```
from django.http import HttpResponse
def hello(request):
  return HttpResponse("Hello World!")
from django.shortcuts import render to response
from polls.models import *
def index(request):
  latest poll list = Poll.objects.all().order by('-pub date')
  return render to response('index.html',
     {'latest poll list': latest poll list})
```

URLconfs

```
from django.conf.urls.defaults import *
urlpatterns = patterns("",
    (r'^polls/$', 'polls.views.index'),
)
```

example.com/polls/

Templates

```
{% if latest_poll_list %}
    <l
    {% for poll in latest_poll_list %}
       <a href="/polls/{{ poll.id }}/">{{ poll.question }}</a>
    {% endfor %}
    {% else %}
    No polls are available.
{% endif %}
```

Örnek uygulama

https://github.com/cihann/djangoistanbul

git@github.com:cihann/djangoistanbul.git

TEŞEKKÜRLER

SORULAR?