

django

can burak çilingir
canburak@cs.bilgi.edu.tr

istanbul bilgi üniversitesi

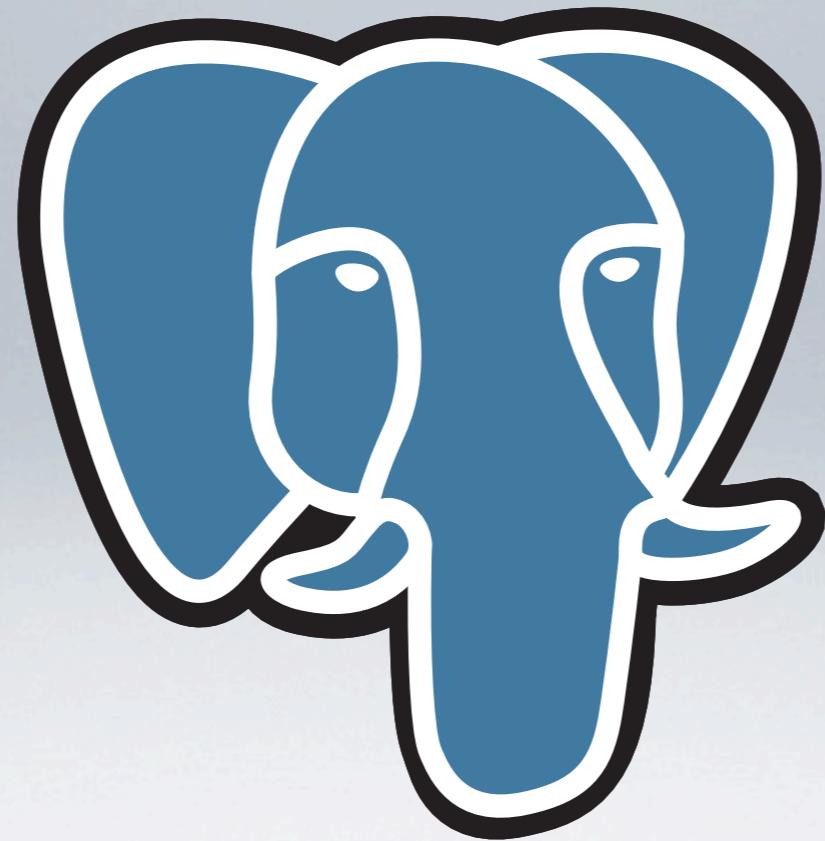


amacımız
“adam gibi”
web uygulaması
üretmek

derdimiz ne?

markalar

PostgreSQL



markalar



kavramlar

orm

kavramlar

mvc

protokol

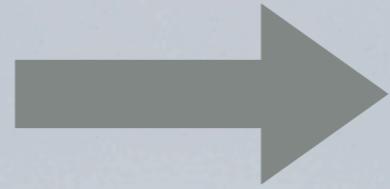
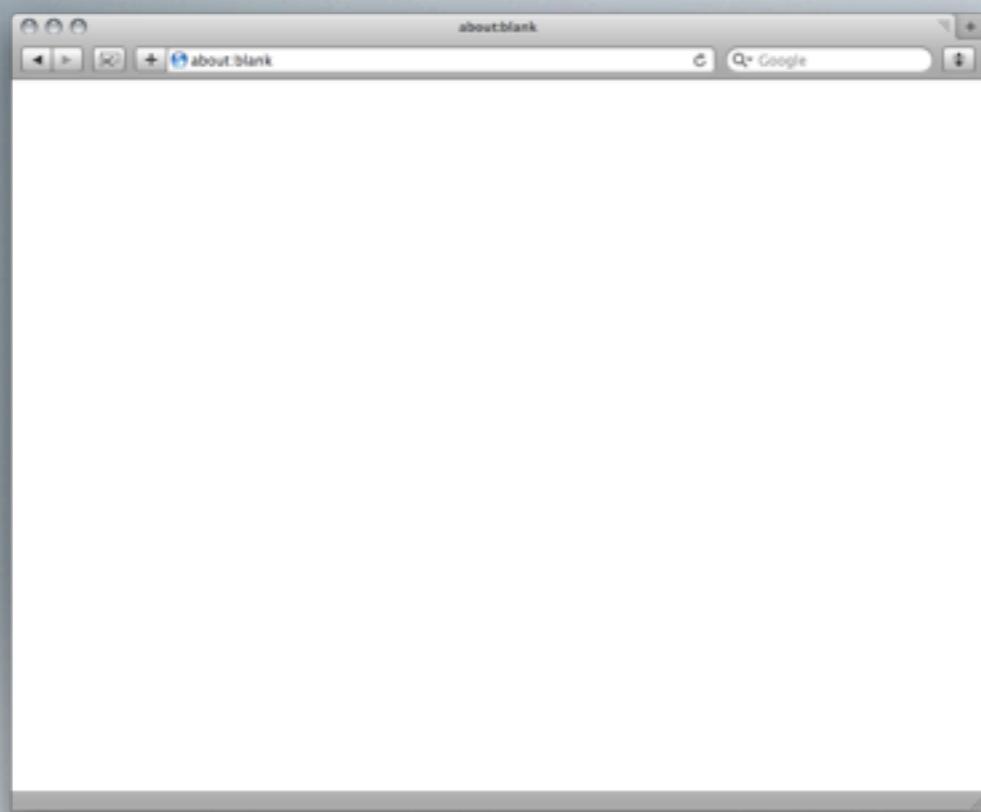
get

protokol

put

django is a high-level python
web framework that
encourages rapid development
and clean, pragmatic design

web uygulaması nedir?



Bilkent Physics :: Home

<http://www.fen.bilkent.edu.tr/~physics/en/index.html>

Google

Physics bilkent

Announcements

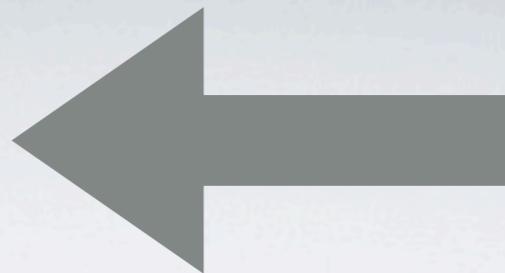
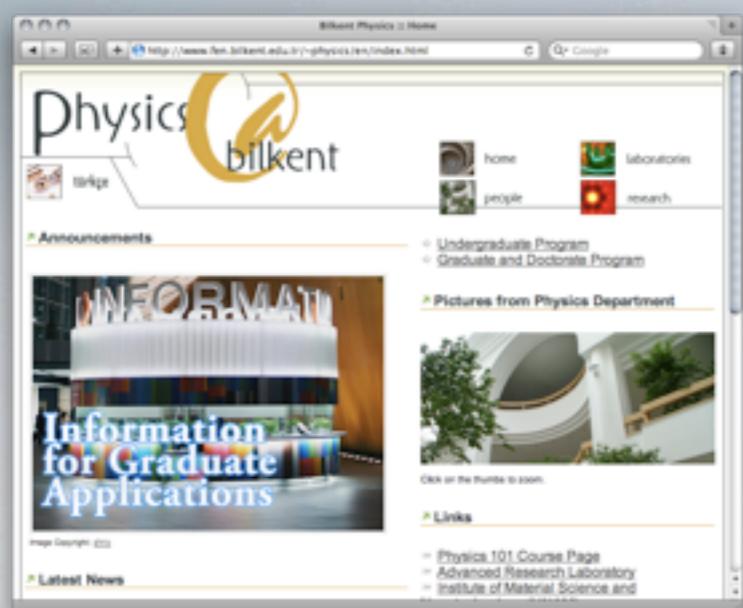
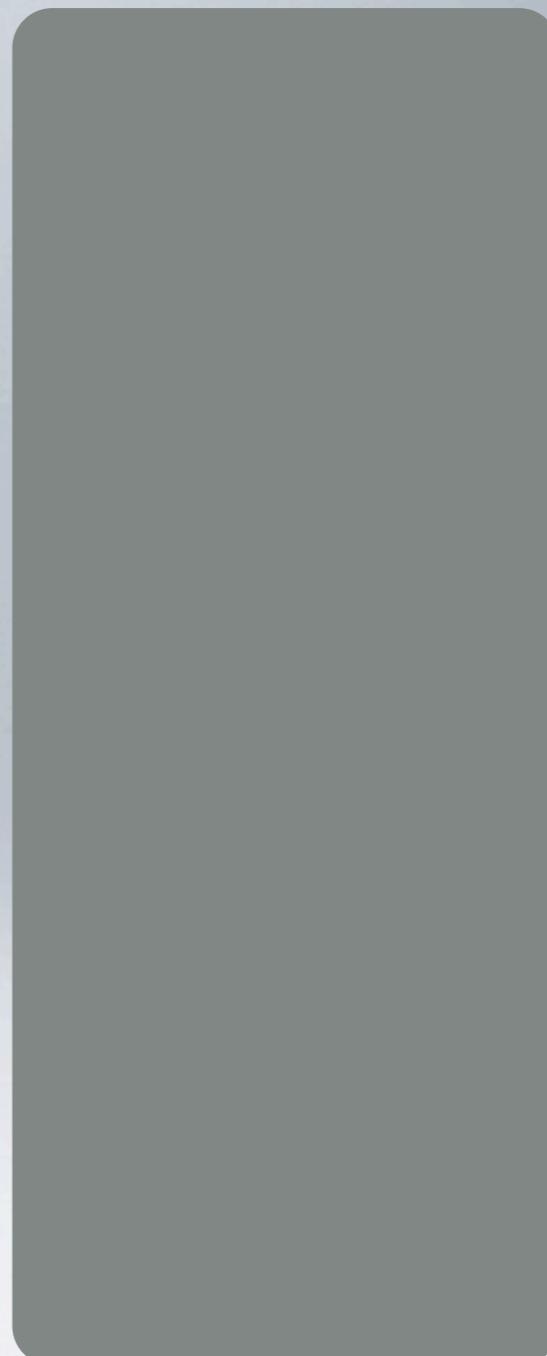
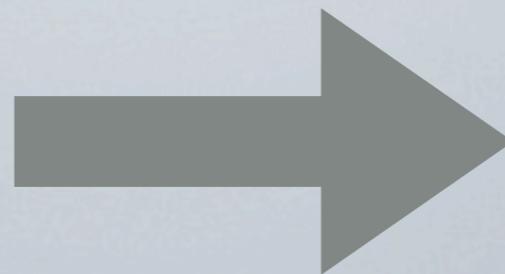
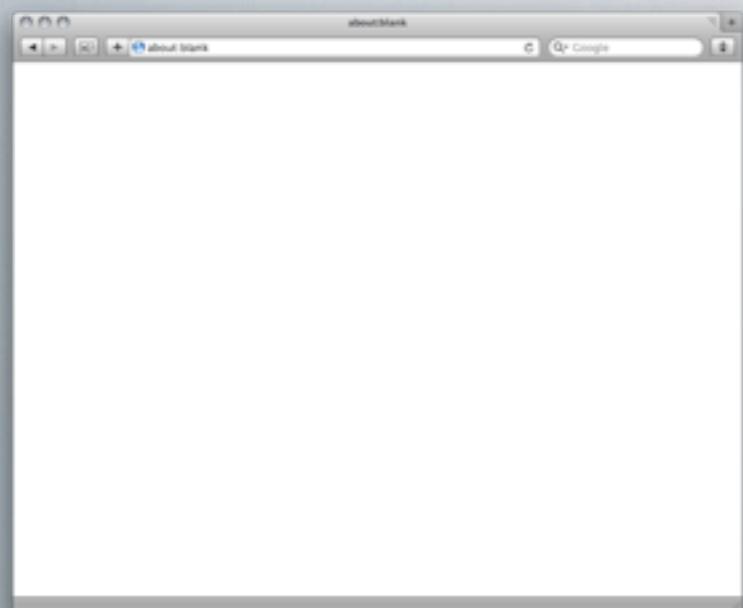


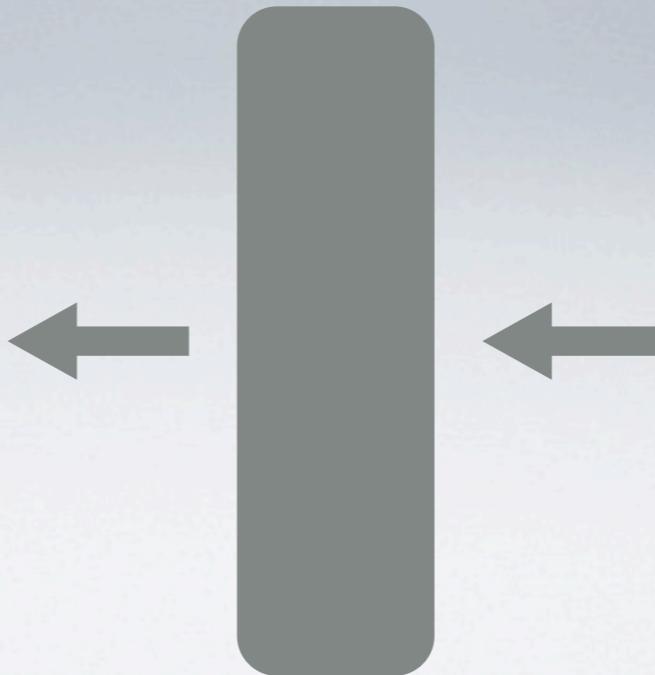
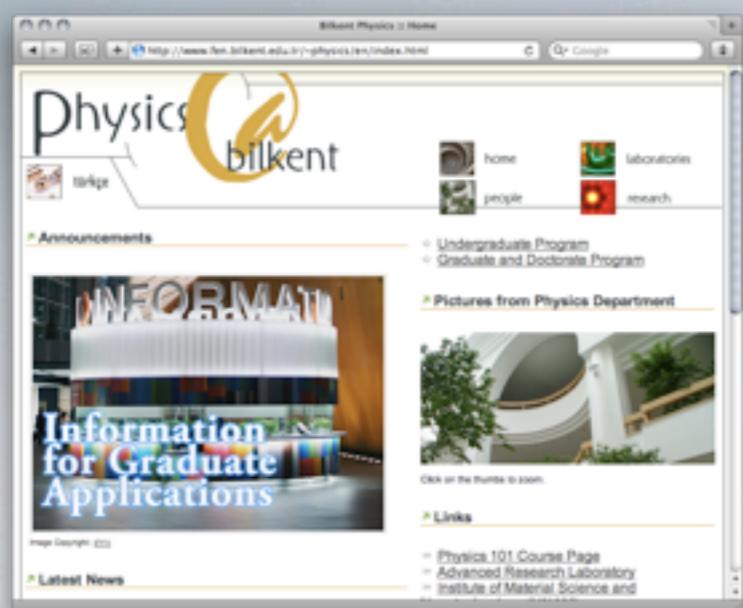
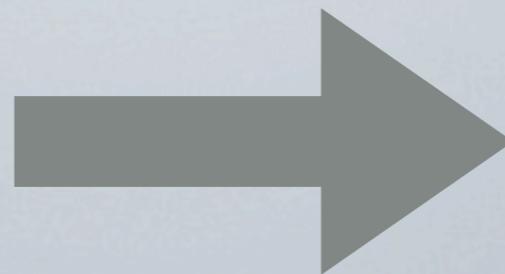
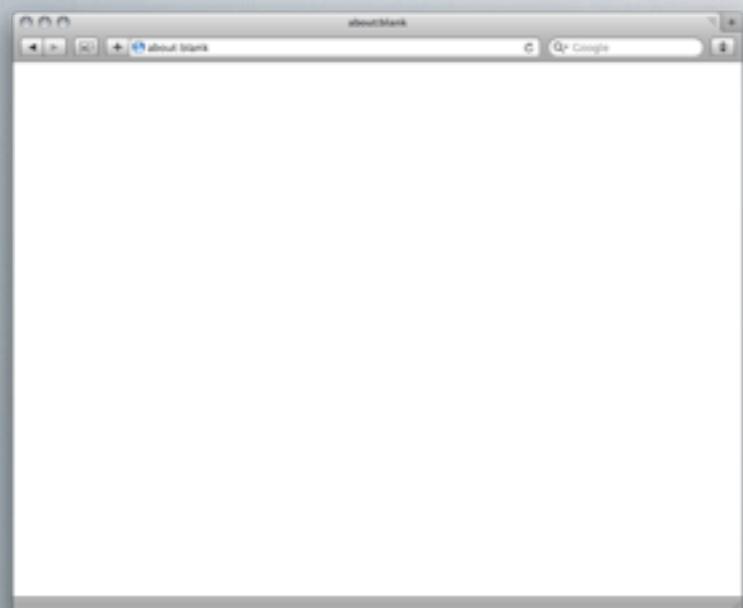
Image Copyright: CCC

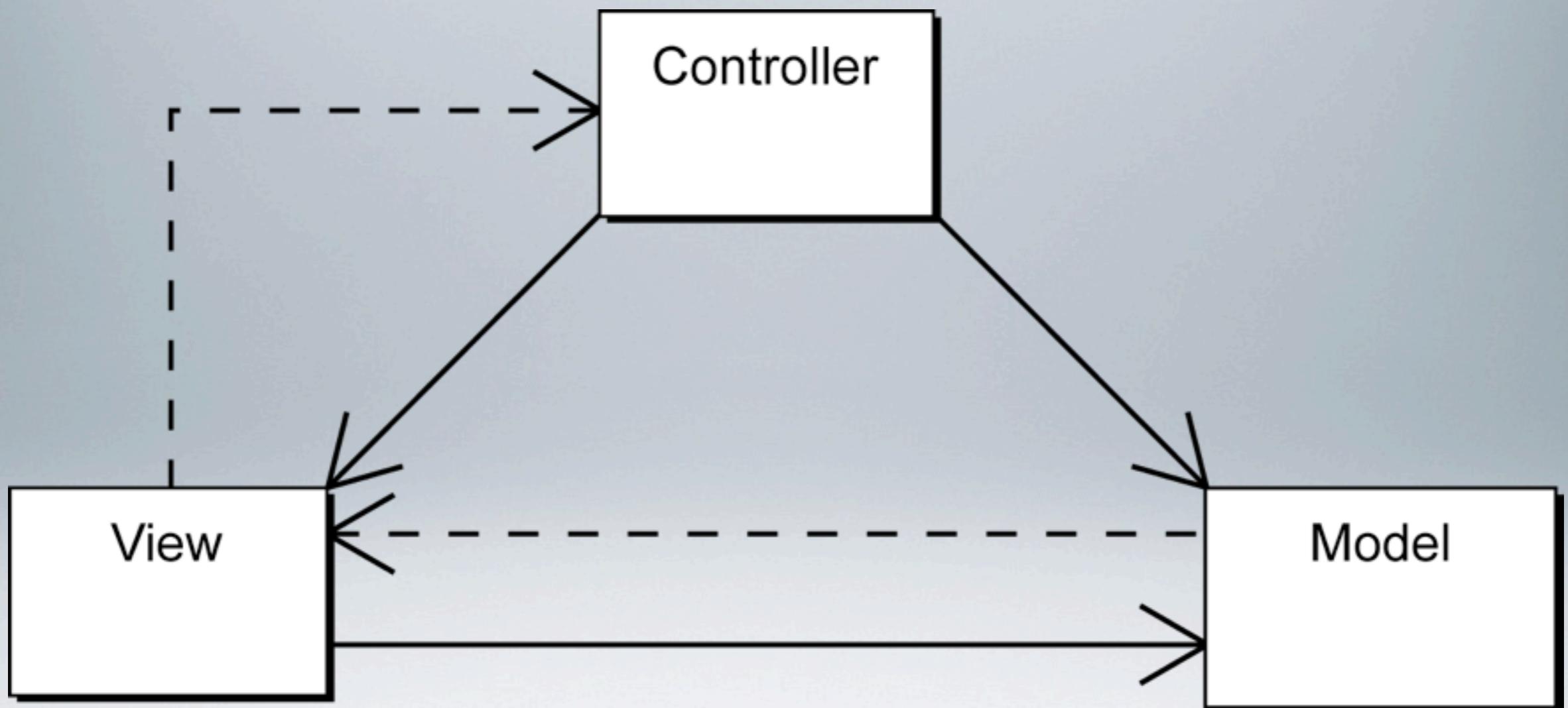
Latest News

Links

- [Undergraduate Program](#)
- [Graduate and Doctorate Program](#)
- [Pictures from Physics Department](#)
- 
Click on the thumb to zoom.
- [Physics 101 Course Page](#)
- [Advanced Research Laboratory](#)
- [Institute of Material Science and](#)





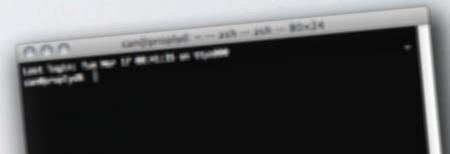


django

ilk adım



```
can@proplyd% django-admin.py startproject icyosi          ~/bilkent
can@proplyd% cd icyosi                                ~/bilkent
can@proplyd% ls -la                                  ~/bilkent/icyosi
total 24
drwxr-xr-x  6 can  staff   204 Mar 16 18:04 .
drwxr-xr-x  3 can  staff   102 Mar 16 18:04 ..
-rw-r--r--  1 can  staff     0 Mar 16 18:04 __init__.py
-rw-r--r--  1 can  staff   546 Mar 16 18:04 manage.py
-rw-r--r--  1 can  staff  2773 Mar 16 18:04 settings.py
-rw-r--r--  1 can  staff   537 Mar 16 18:04 urls.py
```



A screenshot of a Mac OS X terminal window titled "urls.py — icyosi". The window shows the contents of the "urls.py" file. The code is a Django URL configuration. It includes imports from "django.conf.urls.defaults", comments about enabling the admin, and patterns for the "icyosi" app, admin documentation, and the admin site. The code is numbered from 1 to 18.

```
1 from django.conf.urls.defaults import *
2
3 # Uncomment the next two lines to enable the admin:
4 # from django.contrib import admin
5 # admin.autodiscover()
6
7 urlpatterns = patterns('',
8     # Example:
9     # (r'^icyosi/', include('icyosi.foo.urls')),
10
11    # Uncomment the admin/doc line below and add 'django.contrib.admindocs'
12    # to INSTALLED_APPS to enable admin documentation:
13    # (r'^admin/doc/', include('django.contrib.admindocs.urls')),
14
15    # Uncomment the next line to enable the admin:
16    # (r'^admin/.*', admin.site.root),
17)
18
```

Line: 6 Column: 1 Python

settings.py — icyosi

urls.py settings.py

```
1 # Django settings for icyosi project.
2
3 DEBUG = True
4 TEMPLATE_DEBUG = DEBUG
5
6 ADMINS = (
7     # ('Your Name', 'your_email@domain.com'),
8 )
9
10 MANAGERS = ADMINS
11
12 DATABASE_ENGINE = ''                      # 'postgresql_psycopg2', 'postgresql', 'mysql',
13 DATABASE_NAME = ''                        # Or path to database file if using sqlite3.
14 DATABASE_USER = ''                        # Not used with sqlite3.
15 DATABASE_PASSWORD = ''                    # Not used with sqlite3.
16 DATABASE_HOST = ''                        # Set to empty string for localhost. Not used with
17 DATABASE_PORT = ''                        # Set to empty string for default. Not used with
18
19 # Local time zone for this installation. Choices can be found here:
```

Line: 6 Column: 11 Python

deneyelim

|

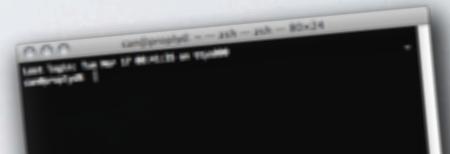
django

hello world



```
can@proplyd% python2.5 manage.py startapp blog
can@proplyd% ls -la blog
total 16
drwxr-xr-x  5 can  staff  170 Mar 16 21:21 .
drwxr-xr-x  9 can  staff  306 Mar 16 21:21 ..
-rw-r--r--  1 can  staff    0 Mar 16 21:21 __init__.py
-rw-r--r--  1 can  staff   57 Mar 16 21:21 models.py
-rw-r--r--  1 can  staff   26 Mar 16 21:21 views.py
```

~/bilkent/icyosi
~/bilkent/icyosi



A screenshot of a Mac OS X application window titled "views.py — icyosi". The window contains a code editor with two tabs: "urls.py" and "views.py", with "views.py" currently selected. The code in "views.py" is a simple Django view:

```
1 from django.http import HttpResponse
2
3 def hello(request):
4     return HttpResponse("Hello World!")
```

The status bar at the bottom shows "Line: 4 Column: 40" and "Python".

The screenshot shows a Mac OS X desktop environment. In the foreground, a text editor window titled "urls.py — icyosi" is open. The window has a tab bar at the top with two tabs: "* urls.py" and "* views.py". The main pane of the editor contains Python code for a Django application's URL configuration. The code includes imports from django.conf.urls.defaults, comments about enabling the admin interface, and a urlpattern for a blog hello view. It also contains sections for admin and documentation URLs, both commented out, and a final closing parenthesis. The code is color-coded for readability. At the bottom of the editor window, there is a status bar displaying "Line: 9 Column: 19 Python" and "Tab Size: 4".

```
1 from django.conf.urls.defaults import *
2
3 # Uncomment the next two lines to enable the admin:
4 # from django.contrib import admin
5 # admin.autodiscover()
6
7 urlpatterns = patterns('',
8     # Example:
9     # (r'^icyosi/', include('icyosi.foo.urls')),
10
11    url(r'^blog/hello/$', 'icyosi.blog.views.hello'),
12
13    # Uncomment the admin/doc line below and add 'django.contrib.admin'
14    # to INSTALLED_APPS to enable admin documentation:
15    # (r'^admin/doc/', include('django.contrib.admindocs.urls')),
16
17    # Uncomment the next line to enable the admin:
18    # (r'^admin/.*$', admin.site.root),
19
20)
```

deneyelim
2

django

veritabani



* urls.py * settings.py * views.py

```
1 # Django settings for icyosi project.
2 import os
3
4 DEBUG = True
5 TEMPLATE_DEBUG = DEBUG
6
7 ADMINS = (
8     # ('Your Name', 'your_email@domain.com'),
9 )
10
11 MANAGERS = ADMINS
12
13 PROJECT_ROOT = os.getcwd()
14
15 DATABASE_ENGINE = 'sqlite3'      # 'postgresql_psycopg2', 'postgresql',
16 DATABASE_NAME = os.path.join(PROJECT_ROOT, 'icyosi.db')
17 DATABASE_USER = ''              # Not used with sqlite3.
18 DATABASE_PASSWORD = ''          # Not used with sqlite3.
19 DATABASE_HOST = ''              # Set to empty string for localhost. Not
20 DATABASE_PORT = ''              # Set to empty string for default. Not u
```

Line: 9 Column: 2 Python Tab Size: 4

```
can@proplyd% python2.5 manage.py syncdb  
Creating table auth_permission  
Creating table auth_group  
Creating table auth_user  
Creating table auth_message  
Creating table django_content_type  
Creating table django_session  
Creating table django_site
```

~/bilkent/icyosi

You just installed Django's auth system, which means you don't have any superusers defined.

Would you like to create one now? (yes/no): yes

Username (Leave blank to use 'can'):

E-mail address: can@canb.net

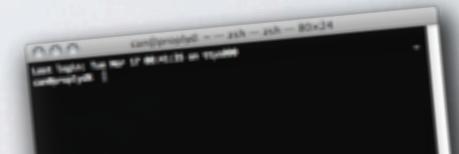
Password:

Password (again):

Superuser created successfully.

Installing index for auth.Permission model

Installing index for auth.Message model



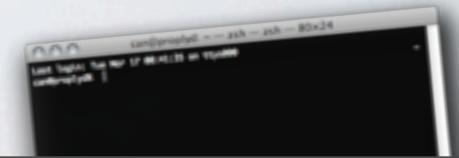
The screenshot shows a Mac OS X desktop environment with a code editor window titled "models.py — icyosi". The window has a standard OS X title bar with three circular buttons. Below the title bar is a tab bar containing four tabs: "urls.py", "settings.py", "views.py", and "models.py", with "models.py" being the active tab. The main area of the window displays Python code for a Django model:

```
1 from django.db import models
2
3 # Create your models here.
4
5 class Entry(models.Model):
6     title = models.CharField(max_length=256)
7     content = models.TextField()
8
```

At the bottom of the window, there is a status bar with the following information: "Line: 8 Column: 5 Python" on the left, and "Tab Size: 4" followed by the word "Entry(models.Model)" on the right. The background of the desktop is a light grey gradient.

```
can@proplyd% python2.5 manage.py syncdb  
Creating table blog_entry
```

~/bilkent/icyosi



```
can@proplyd% python2.5 manage.py shell                                ~/bilkent/icyosi
Python 2.5.4 (r254:67916, Feb 26 2009, 10:01:19)
Type "copyright", "credits" or "license" for more information.
```

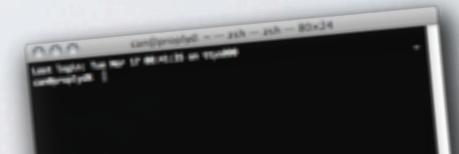
```
IPython 0.9.1 -- An enhanced Interactive Python.
?          -> Introduction and overview of IPython's features.
%quickref -> Quick reference.
help       -> Python's own help system.
object?    -> Details about 'object'. ?object also works, ?? prints more.
```

```
In [1]: from icyosi.blog.models import Entry
```

```
In [2]: Entry.objects.create(title="merhaba",content="bu ilk icerik")
Out[2]: <Entry: Entry object>
```

```
In [3]: Entry.objects.filter(title__endswith="haba")
Out[3]: [<Entry: Entry object>]
```

```
In [4]: Entry.objects.create(title="ikinci icerik",content="bu ikinci icerik")
Out[4]: <Entry: Entry object>
```



A screenshot of a Python code editor showing the file `views.py` for a Django application named `icyosi`. The editor interface includes a toolbar with standard file operations, a tab bar with `* urls.py`, `* settings.py`, `views.py` (which is the active tab), and `* models.py`, and a status bar at the bottom.

```
1 from django.http import HttpResponseRedirect  
2 from icyosi.blog.models import Entry  
3  
4 def hello(request):  
5     return HttpResponseRedirect("Hello World!")  
6  
7 def list(request):  
8     entries = Entry.objects.all()  
9     html = ""  
10    for entry in entries:  
11        html += entry.title + "<br/>"  
12    return HttpResponseRedirect(html)
```

Line: 9 Column: 15 Python

Tab Size: 4 list(request)

urls.py — icyosi

* urls.py * settings.py ● views.py * models.py

```
1 from django.conf.urls.defaults import *
2
3 # Uncomment the next two lines to enable the admin:
4 # from django.contrib import admin
5 # admin.autodiscover()
6
7 urlpatterns = patterns('',
8     # Example:
9     # (r'^icyosi/', include('icyosi.foo.urls')),
10
11    url(r'^blog/hello/$', 'icyosi.blog.views.hello'),
12    url(r'^blog/list/$', 'icyosi.blog.views.list'),
13
14    # Uncomment the admin/doc line below and add 'django.contrib.admindocs' to INSTALLED_APPS to enable admin documentation:
15    # (r'^admin/doc/$', include('django.contrib.admindocs.urls')),
16
17    # Uncomment the next line to enable the admin:
18    # (r'^admin/.*$', admin.site.root),
19
20 )
21
```

Line: 12 Column: 21 Python

Tab Size: 4

deneyelim
3

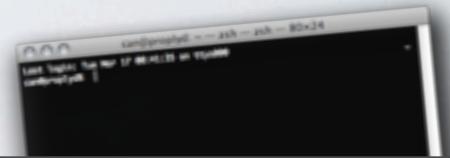
django

“template”



can@proplyd% mkdir -p templates/blog

~/bilkent/icyosi



views.py — icyosi

* urls.py * settings.py * views.py * models.py

```
1 from django.http import HttpResponseRedirect
2 from django.shortcuts import render_to_response
3 from icyosi.blog.models import Entry
4
5 def hello(request):
6     return HttpResponseRedirect("Hello World!")
7
8 def list(request):
9     entries = Entry.objects.all()
10    return render_to_response('blog/list.html', {'entries': entries})
11
```

Line: 11 Column: 1 Python Tab Size: 4 list(request)

list.html — icyosi

* urls.py * settings.py * views.py ● list.html * models.py

```
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
2           "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
3
4 <html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
5 <head>
6     <meta http-equiv="Content-Type" content="text/html;
· charset=utf-8"/>
7     <title>list</title>
8 </head>
9
10 <body>
11
12 <ul>
13 {% for entry in entries %}
14     <li>{{entry.title}}</li>
15 {% endfor %}
16 </ul>
17 </body>
18 </html>
19
```

Line: 8 Column: 8 HTML Soft Tabs: 8 —

deneyelim

4

django

yönetim

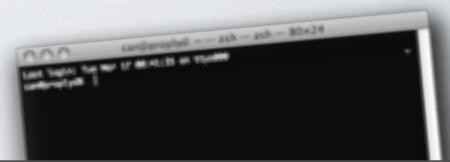


```
settings.py — icyosi
urls.py settings.py views.py list.html models.py
66     'django.contrib.auth.middleware.AuthenticationMiddleware',
67 )
68
69 ROOT_URLCONF = 'icyosi.urls'
70
71 TEMPLATE_DIRS = (
72     # Put strings here, like "/home/html/django_templates" or "C:/www/a
73     # Always use forward slashes, even on Windows.
74     # Don't forget to use absolute paths, not relative paths.
75     os.path.join(PROJECT_ROOT, "templates")
76 )
77
78 INSTALLED_APPS = (
79     'django.contrib.auth',
80     'django.contrib.contenttypes',
81     'django.contrib.sessions',
82     'django.contrib.sites',
83     'django.contrib.admin',
84     'icyosi.blog',
85 )
86
```

Line: 83 Column: 28 Python Tab Size: 4

```
can@proplyd% python2.5 manage.py syncdb  
Creating table django_admin_log  
Installing index for admin.LogEntry model
```

~/bilkent/icyosi



urls.py — icyosi

urls.py settings.py views.py list.html models.py

```
1 from django.conf.urls.defaults import *
2
3 # Uncomment the next two lines to enable the admin:
4 from django.contrib import admin
admin.autodiscover()
5
6 urlpatterns = patterns('',
7     # Example:
8     # (r'^icyosi/', include('icyosi.foo.urls')),
9
10    url(r'^blog/hello/$', 'icyosi.blog.views.hello'),
11    url(r'^blog/list/$', 'icyosi.blog.views.list'),
12
13    # Uncomment the admin/doc line below and add 'django.contrib.admin'
14    # to INSTALLED_APPS to enable admin documentation:
15    # (r'^admin/doc/$', include('django.contrib.admindocs.urls')),
16
17    # Uncomment the next line to enable the admin:
18    (r'^admin/(.*)$', admin.site.root),
19
20 )
21
```

Line: 14 Column: 24 Python Tab Size: 4

admin.py — icyosi

urls.py admin.py settings.py views.py list.html models.py

```
1 from icyosi.blog.models import Entry
2 from django.contrib import admin
3
4 admin.site.register(Entry)
5
```

Line: 4 Column: 26 HTML

Soft Tabs: 8

deneyelim

5

django

dry
(don't repeat yourself)



urls.py — icyosi

```
● urls.py * entry_list.html * entry_detail.html * admin.py * settings.py * views.py * list.html * models.py
```

7 from icyosi.blog.models import Entry
8 info_dict = {
9 'queryset': Entry.objects.all(),
10 }
11
12 urlpatterns = patterns(''
13 # Example:
14 # (r'^icyosi/', include('icyosi.foo.urls')),
15
16 url(r'^blog/hello/', 'icyosi.blog.views.hello'),
17
18 url(r'^blog/list/'
19 'django.views.generic.list_detail.object_list',
20 info_dict),
21
22 url(r'^blog/(?P<object_id>\d+)/'
23 'django.views.generic.list_detail.object_detail',
24 info_dict,
25 name="entry_detail"),
26
27 # Uncomment the admin/doc line below and add 'django.contrib.admindocs'

Line: 20 Column: 20 Python Tab Size: 4

views.py — icyosi

urls.py entry_list.html entry_detail.html admin.py settings.py views.py list.html models.py

```
1 from django.http import HttpResponseRedirect
2 from django.shortcuts import render_to_response
3 from icyosi.blog.models import Entry
4
5 def hello(request):
6     return HttpResponseRedirect("Hello World!")
7
8 #def list(request):
9 #    entries = Entry.objects.all()
10 #    return render_to_response('blog/list.html', {'entries': entries})
11
```

Line: 11 Column: 1 Python Tab Size: 4 hello(request)

entry_list.html — icyosi

```
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"  
2      "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">  
3  
4 <html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">  
5 <head>  
6     <meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>  
7  
8     <title>entry_list</title>  
9  
10 </head>  
11  
12 <body>  
13 <ul>  
14     {% for object in object_list %}  
15         <li>  
16             <a href="{% url entry_detail object.id %}">{{object.title}}</a>  
17         </li>  
18     {% endfor %}  
19 </ul>  
20 </body>  
21 </html>
```

Line: 14 Column: 25 HTML Soft Tabs: 8

entry_detail.html — icyosi

```
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"  
2      "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">  
3  
4 <html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">  
5 <head>  
6     <meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>  
7  
8     <title>entry_detail</title>  
9  
10 </head>  
11  
12 <body>  
13  
14 <h1>{{object.title}}</h1>  
15 <p>{{object.content}}</p>  
16  
17 </body>  
18 </html>  
19
```

Line: 12 Column: 7 HTML Soft Tabs: 8

deneyelim

6

haber vesaire

[Ana Sayfa](#) | [Doğa](#) | [Gündem](#) | [İstanbul](#) | [Kültür Mirası](#) | [Sanat](#) | [santralistanbul](#) | [Spor](#) | [Yaşam](#)

Alevi kanaat önderleri, Devlet Bakanı Sait Yazıcıoğlu'nun sözlerinin Alevi açılımından söz eden AKP'nin samimiyetini ortaya koyduğu görüşünde. (Fotoğraf: İsa Sansar/AA)

17 Mart Salı

 [ara](#) [Kullanıcı](#) [?](#) [üye olun](#)[yorum analiz görüş](#)

Taha Akyol'un bilime katkısı

Fevzi Bardakçı

"Teori bağınazlığı" sanırıım Taha Akyol'un icat ettiği bir kavram. Çünkü yazısı bilim, hipotez, bilimsel gerçek, yasa ve teori (kuram) kavramlarından bıhaber olduğunu çok açık bir şekilde ortaya koyuyor.

Biz de mi okulu bırakıksak?

Barış Uygur

Eğitimini yarıda bırakıp, dünyanın en zengin insanı olan Bill Gates varoşa mı yaşıyor? Peki okulunu bıraktığı halde "bir baltaya sap olamayanları" neden gazetelerde göremiyoruz?

[diğer yorum analiz görüşler >](#)[TVesaire](#)

7 tepe 7 tünel hâlâ çatlıak

Alevi açılımını bakana tosladı

10 TL
KAZAN

ARKADAŞINI DAVET ET 10 TL KAZAN

[davet et](#)Birden çok arkadaşınızı davet etmek için [buraya tıklayın](#).[ana sayfa](#)[hesabım](#)[sıkça sorulan sorular](#)[davetiye gönder](#)[destek](#)[çıkış](#)[sepetim](#)Her hafta yeni
markalar ve ürünler% 70'e varan
indirimlerArkadaşınız alışveriş
yapsın siz kazanınÜrünler Kampanyanın
bittiği günden itibaren
1 hafta içerisinde elinize
ulaştırılacaktırKullanılmamış ürünü
1 hafta içerisinde iade
edebilirsiniz

şu anda

Kiyo
my friend

10 Mart 2009
Salı 07:30'dan
17 Mart 2009
Salı 24:00'a kadar

[alışverişe katıl >](#)

şu anda

La Botte

11 Mart 2009 Çarşamba 07:30'dan
18 Mart 2009 Çarşamba 24:00'a kadar

[alışverişe katıl >](#)

şu anda

Rebecca
from Italy

12 Mart 2009 Perşembe 07:30'dan
19 Mart 2009 Perşembe 24:00'a kadar

[alışverişe katıl >](#)

şu anda

Sayın Can Burak Cilingir,
Sepetinizde ürün
bulunmamaktadır.

toplam 0 TL

Can Çilingir
Markafoni'defacebook'taki
arkadaşlarını davet et[çıkış](#)

Django Reinhardt

At the age of 18, Reinhardt was injured in a fire that ravaged the caravan he shared with Florine "Bella" Mayer, his first wife. They were very poor, and to supplement their income Bella made imitation flowers out of celluloid and paper. Consequently, their home was full of this highly flammable material. Returning from a performance late one night, Django apparently **knocked over a candle** on his way to bed. While his family and neighbors were quick to pull him to safety, he received first- and second-degree burns over half his body. His right leg was paralyzed and **the third and fourth fingers of his left hand were badly burnt. Doctors believed that he would never play guitar again** and intended to amputate one of his legs. Reinhardt refused to have the surgery and left the hospital after a short time; he was able to walk within a year with the aid of a cane.

His brother Joseph Reinhardt, an accomplished guitarist himself, bought Django a new guitar. With painful rehabilitation and practice Django relearned his craft in a completely new way, even as his third and fourth fingers remained partially paralyzed. It is said that he played all of his guitar solos with only two fingers, and managed to use the two injured digits only for chord work. (source: wikipedia)



ödev

django tutorial
django book