Cheatography

Django Basics Cheat Sheet

by James C (kizzlebot) via cheatography.com/19227/cs/2278/

Start a Project

```
$ django-admin.py startproject tango_my_django
```

Add a static content folder (Javascript/CSS)

```
$ mkdir -p tango_my_django/static/css
$ mkdir -p tango_ my_ dja ngo /st atic/js
tango_ my_ dja ngo /ta ngo _my _dj ang o/s ett ings.py
STATIC _PATH = os.pat h.j oin (PR OJE CT_ PAT H,' sta tic')
STATIC_URL = '/static/'
STATIC FIL ES_DIRS = (
        STA TIC _PATH,
)
```

Add a Templates Folder

```
$ mkdir -p tango_my_django/templates/rango
tango_ my_ dja ngo /ta ngo _my _dj ang o/s ett ings.py
TEMPLA TE_PATH = os.pat h.j oin (PR OJE CT_ PATH, 'templ ates')
TEMPLA TE_DIRS = (TEMPL ATE _PATH,)
```

Create a Template

```
tango_my_django/templates/rango/index.html
<!D OCTYPE html>
{% load static %}
<ht ml>
          <he ad>
         ....
```

Start a App

```
$ tango_my_django/manage.py startapp tango_my_django/rango
```

Add App to Project

```
tango_my_django/settings.py
INSTAL LED _APPS = ( ..., ..., 'rango', )
```

Route from Project to App

```
tango_my_django/tango_my_django/urls.py
# Include tango_ my_ dja ngo /ra ngo /ur ls.py
urlpat terns = patter ns('', url(r' ^ma inA pp/', includ e(' mai nAp p.u rls ')),)
```

Route from App to View

```
tango_my_django/rango/urls.py
from django.co nf.urls import url, patterns
from mainApp import views
urlpat terns = patter ns('', url(r'^$', views.i ndex, name=' ind ex'),)
```



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Create a view

tango_my_django/rango/views.py

```
from django.co nf.http import HttpRe sponse
def index( req uest):
        return HttpRe spo nse ("hello rango")
```

Use Template inside a View

tango_my_django/rango/views.py

```
from django.sh ortcuts import render _to _re sponse
from django.te mplate import Reques tCo ntext
def index( req uest):
        context = Reques tCo nte xt( req uest)
        con tex t_dict = {'bold mes sage' : 'I come from contex t_d ict'}
        return render _to _re spo nse ('m ain App /in dex.html', contex t_dict, context)
```



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