



RENDER TO PDF IN DJANGO

[Document subtitle]

HOW TO

In this video I have seen you step by step ,I wish you have watch this video

B Learning club

Render to pdf in django



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RENDER WITH PDF IN DJANGO

HOW TO DO THAT

FOR THIS I WILL USE DJANGO EASY PDF

GO TO DOCUMENTATIONS [Click here](#)

AT FIRST YOU HAVE TO INSTALL DJANGO EASY PDF AND WEASYPRINT

Pip install django-easy-pdf

Pip install WeasyPrint

Now open your Django projects

Now go to settings.py

IN THE INSTALLED APPS ADD THE 'EASY_PDF',

```
2
3 INSTALLED_APPS = [
4     'django.contrib.admin',
5     'django.contrib.auth',
6     'django.contrib.contenttypes',
7     'django.contrib.sessions',
8     'django.contrib.messages',
9     'django.contrib.staticfiles',
10    'app',
11    'easy_pdf',
12 ]
13
```

Add 'easy_pdf'

NOW GO TO views.py

```
from easy_pdf.views import PDFTemplateResponseMixin
from django.views.generic import DetailView
```

First import PDFTemplateResponseMixin

And also import DetailView

```
from easy_pdf.views import PDFTemplateResponseMixin
from django.views.generic import DetailView
```

Then :

Create the class inherit from PDFTemplateResponseMixin and DetailView

```
class PdfDetail(PDFTemplateResponseMixin,DetailView):  
    template_name='pdf_detail.html'  
    context_object_name='obj'  
    model=Student
```

Copy this :

```
class PdfDetail(PDFTemplateResponseMixin,DetailView):  
    template_name='pdf_detail.html'  
    context_object_name='obj'  
    model=Student
```

now add template_name and object variable name
whatever you want:

and also add a model name

NEXT

NOW GO TO TEMPLATES

Create the html file (e.g. pdf_detail.html)

And inside pdf_detail.html

Use template tag

```
{% extends "easy_pdf/base.html" %}
```

And write your code inside block content

```
{% block content %}

<!doctype html>
<html lang="en">
  <head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no">

    <!-- Bootstrap CSS -->
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5
.0/css/bootstrap.min.css" integrity="sha384-
9aIt2nRpC12Uk9gS9baDl411NQApFmC26EwAOH8WgZl5MYXxHfc+NcPb1dKGj7Sk" crossorigin="an
onymous">

    <title>Detail page</title>
  </head>
  <body>
    <div class='jumbtron'><h1 class='text-center'>detail page</h1></div>

    <div class="container">
      <h1>NAME: {{obj.name}}</h1>
      <h1>Email: {{obj.email}}</h1>
      <h1>Subject: {{obj.subject}}</h1>
    </div>
    <!-- Optional JavaScript -->
    <!-- jQuery first, then Popper.js, then Bootstrap JS -->
    <script src="https://code.jquery.com/jquery-
3.5.1.slim.min.js" integrity="sha384-
```

```
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj" crossorigin="an
onymous"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.mi
n.js" integrity="sha384-
Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="an
onymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.
min.js" integrity="sha384-
OgVRvuATP1z7JjHLku0U7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI" crossorigin="an
onymous"></script>
</body>
</html>

{% endblock %}
```

Obj is the variables for object



Now go to list.html and edit the anchor tag for going to pdf page

```
<div class="container">
{% for x in obj %}
<a href="{{ x.id }}"><h1> {{x.name}} (pdf)</h1></a>
```

Here I use x.id for object id

And you have to end the for tag

Now go to urls.py

```
from django.urls import path
from . import views
```

```
app_name='app'

urlpatterns = [
    path('', views.list_page,name='list'),
    path('detail/<int:id>', views.detail_page,name='detail'),
    path('<int:pk>',views.PdfDetail.as_view()),, #####include this
]
```

Now create a url path for pdf detail page

And use .as_view() because it is class

Now if you use Django 3

You will get an error

NO MODULE NAME SIX

Now fix this:

- At first go to site packages of python
- Then go to easy pdf and edit the rendering .py file
- At approx. line no 12 you will see
from djano.utils.six import Bytesio

- Remove this line and enter
- from io import BytesIO

```
from io import BytesIO
```

then the error will fix



now run the server

Thank You so much

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