

Perdendo o medo da web com Django

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Qual foi a sua primeira impressão
com web?

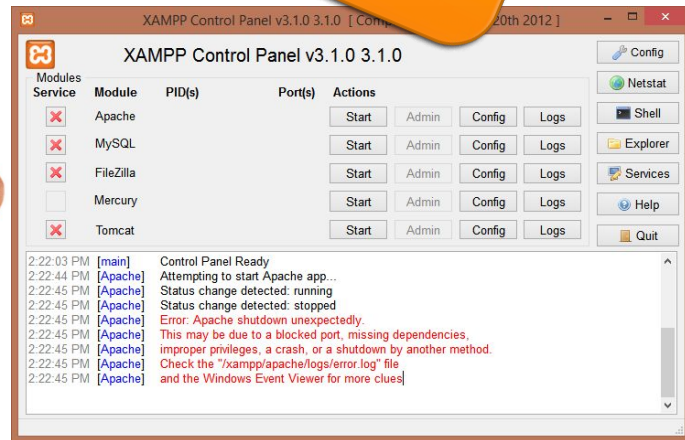
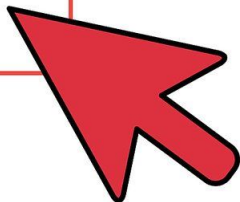
```
<HTML>

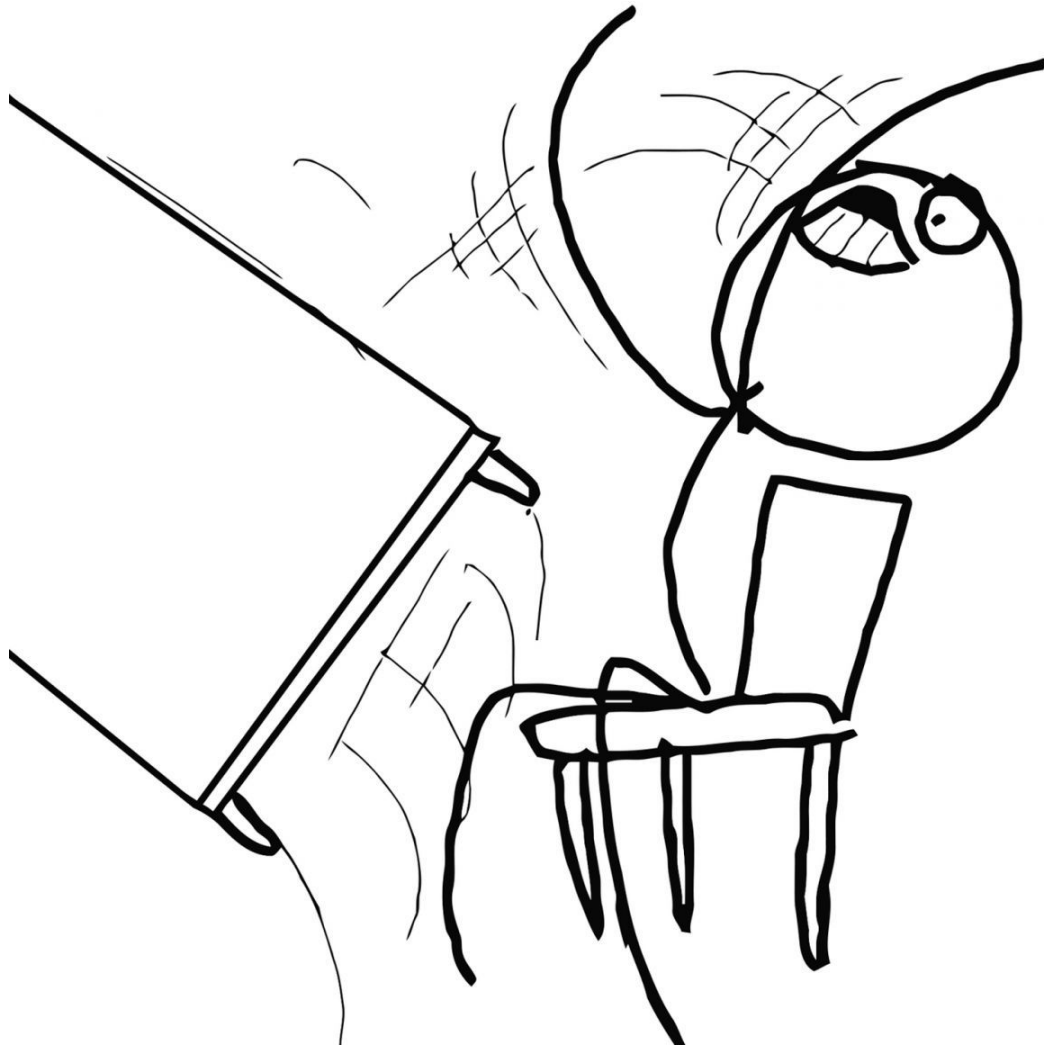
<html>
<title>HTML</title>
<body>
This is HTML!
</body>
</html>
```



```
<!DOCTYPE html>
<html>
<head>
<style>
.cities {
  background-color:black;
  color:white;
  margin:20px;
  padding:20px;
}
</style>
</head>
<body>

<div class="cities">
<h2>London</h2>
```





django
girls

Você não precisa ser rei/rainha do
frontend para desenvolver o seu
template...

...

Ou um(a) 'Super BD' para
gerenciar o seu banco...

...

Ou ser ninja dos códigos para
dominar a arte do controller

Django permite o desenvolvimento
de aplicações web de maneira
simples e fácil!

Django

- Framework web
- MVT (Model View Template)
 - Model: Modelos e interfaceamento banco de dados
 - View: Controladores e comunicação do sistema
 - Template: Visão de usuário

```
1  from django.db import models
2
3
4  class Person(models.Model):
5      name = models.CharField(max_length=40)
6      city = models.CharField(max_length=255)
7
8      def __str__(self):
9          return f'{self.name} - {self.city}'
10
```

```
1  from django.views.generic import ListView, CreateView
2  from hello.models import Person
3
4
5  class HelloList(ListView):
6      model = Person
7      template_name = 'hello/person_list.html'
8
9
10 class CreatePerson(CreateView):
11     fields = ['name', 'city']
12     model = Person
13     template_name = 'hello/person_form.html'
14
```

```
1 from django.contrib import admin
2 from django.urls import path
3
4 from hello.views import HelloList, CreatePerson
5
6 urlpatterns = [
7     path('admin/', admin.site.urls),
8     path('add/', CreatePerson.as_view(), name="add"),
9     path('', HelloList.as_view())
10 ]
11
```

Class-Based-View

- Classes abstratas
- Soluções prontas para problemas comuns
- <https://ccbv.co.uk/>

<> person_list.html x

```
1 <html>
2   <body style="text-align: center">
3     
4     <h1>Welcome to Python Brasil [14]!</h1>
5     <a href="{% url 'add' %}">Insert person here</a>
6     {% for object in object_list %}
7       <p>Hello, {{object.name}} from {{object.city}}!</p>
8     {% endfor %}
9   </body>
10 </html>
11
12
13
```

<> person_form.html x

```
1 <html>
2   <body style="text-align: center">
3     
4     <h1>Welcome to Python Brasil [14]!</h1>
5     <form method='post'>
6       {% csrf_token %}
7       {{ form.as_p }}
8       <button type="submit">Add Person</button>
9     </form>
10  </body>
11 </html>
```

Informações importantes

- `./manage.py makemigrations`
- `./manage.py migrate`
- Adicione o app criado no `INSTALLED_APPS`
- Organize bem o seu código
- Faça requirements!

Resultado



Welcome to Python Brasil [14]!

[Insert person here](#)

Hello, Maria from Natal!

Hello, Joao from Rio de Janeiro!



Welcome to Python Brasil [14]!

Name:

City:

Obrigada!



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