Django

templates

План

- переменные
- фильтры
- теги
- наследование шаблонов и блоки
- инклюды

Дока наше все!
https://docs.djangoproject.com/en/1.7/topics/templates/

Передача переменных в шаблон

```python
def students_list(request):
    students = Student.objects.all()
    some_var = 'Some string to template'
    return render(request,
                  'students/list.html',
                  {'students': students,
                   'var_in_template': some_var})
```

Переменные в шаблоне

{{ students }}
{{ var_in_template }}

Фильтры

{{ students|length }}
{{ var_in_template|capfirst }}
{{ var_in_template| truncatechars:12 }}

Дока наше все!

https://docs.djangoproject.com/en/1.7/ref/templates/builtins/#ref-templates-builtins-filters

Теги

{% load static %}

{% static "dist/css/bootstrap.min.css" %}

{% comment %}
Commented content
{{ students }}
{% endcomment %}

{# One string comment #}

Теги

{% url 'students-list' %}
{% url 'students_item' student.id %}

{% with group_name=student.group.name %}
{{ group_name }}
…
{{ group_name }}
{% endwith %}

Теги

```
{% if student %}
Student info: {{ student }}
{% else %}
There is no student info
{% endif %}


{% for student in students %}
Student info: {{ student }}
{% endfor %}
```

Дока наше все!

https://docs.djangoproject.com/en/1.7/ref/templates/builtins/#ref-templates-builtins-tags

Расширение (наследование)

base.html
list.html

{% extends "base.html" %}

Расширение - блоки

base.html
```
<html>
{% block content %}
Our students are the best!
{% endblock %}
</html>
```

list.html
```
{% extends "base.html" %}
{% block content %}
{{ students }}
{% endblock %}
```

Дока наше все!

https://docs.djangoproject.com/en/1.7/topics/templates/#template-inheritance

Инклюды

inc_group.html
Group name: {{ group.name }}
Students: {{ group.students.count }}

list.html
...
{% include "inc_group.html" %}
{% for student in students %}
{{ student name }}
{% endfor %}

...

Дока наше все!

[https://docs.djangoproject.com/en/
1.7/ref/templates/builtins/#include](https://docs.djangoproject.com/en/1.7/ref/templates/builtins/#include)