



extends – Django Template Tags

Last Updated : 23 Nov, 2022

A Django template is a text document or a Python string marked-up using the Django template language. Django being a powerful Batteries included framework provides convenience to rendering data in a template. Django templates not only allow passing data from view to template, but also provides some limited features of a programming such as variables, for loops, comments, extends etc.

This article revolves about how to use **extends tag** in Templates. **extends tag** is

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again and again. Using extends we can inherit templates as well as variables.

Syntax:

```
{% extends 'template_name.html' %}
```

Example:

assume the following directory structure:

```
dir1/  
    template.html  
    base2.html  
    my/  
        base3.html  
base1.html
```

In template.html, the following paths would be valid:

html

```
{% extends "../base2.html" %}  
{% extends "../../base1.html" %}  
{% extends "../my/base3.html" %}
```

extends – Django template Tags Explanation

Illustration of How to use extends tag in Django templates using an Example.
Consider a project named geeksforgeeks having an app named geeks.

Refer to the following articles to check how to create a project and an app in Django.

- [How to Create a Basic Project using MVT in Django?](#)
- [How to Create an App in Django ?](#)

Now create a view through which we will access the template,
In geeks/views.py,

Python3

```
# import Http Response from django
from django.shortcuts import render

# create a function
def geeks_view(request):

    # return response
    return render(request, "extendedgeeks.html")
```

Create a url path to map to this view. In geeks/urls.py,

Python3

```
from django.urls import path

# importing views from views.py
```

```
from .views import geeks_view

urlpatterns = [
    path('', geeks_view),
]
```

extends is always used with block tags so that can be inherited and overridden. Create a template as base template in templates/geeks.html.

html

```
<h1>Main Template</h1>

{% block content %}
{% endblock %}
```

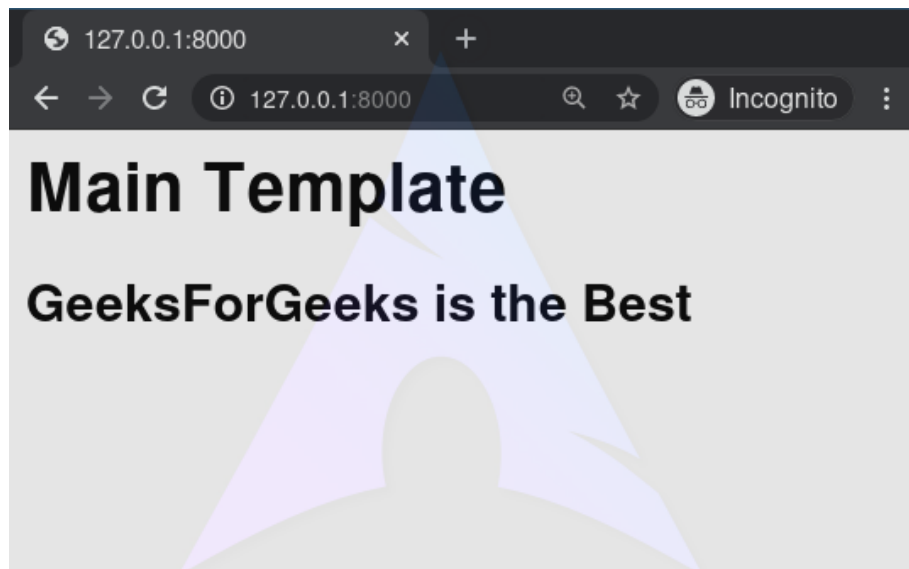
Now create a template which will use geeks.html as base template. Create a new template extendedgeeks.html,

html

```
{% extends "geeks.html" %}

{% block content %}
<h2> GeeksForGeeks is the Best
{% endblock %}
```

Let's check if data is displayed from both the templates in extendedgeeks.html



Advanced Usage

{% extends variable %} uses the value of variable. If the variable evaluates to a string, Django will use that string as the name of the parent template. If the variable evaluates to a Template object, Django will use that object as the parent template.

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