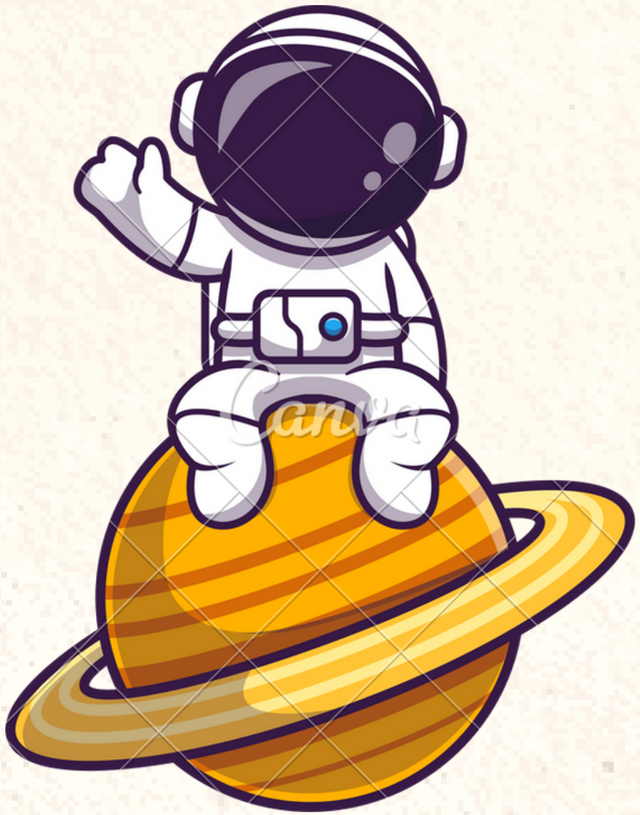
HELLO



Phitron

Outlines

Template Inheritance

Phitron

Template Inheritance/ Template Extending

Template inheritance allows us to build a base “skeleton” template that contains all the common elements of our site and defines blocks that child templates can override.

To inherit template, use the extends tag.

The base.html block tags will be recognized by the template engine, which will then replace those blocks with the contents of the child template.

As many levels of inheritance as necessary may be used.

Phitron

extends Tag

Syntax:-

{% extends ‘parent_template_name’ %}

{% extends variable %}

Example:-

{% extends "./base1.html" %}

{% extends "../base2.html" %}

{% extends "./my/base3.html" %}

{% extends somthing %}

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block Tag

{% block %} – The block tag is used to for overriding specific parts of a template.

Syntax:-

{% block blockname %}....{% endblock %}

{% block blockname %}....{% endblock blockname %}

Example:-

{% block title %} ..... {% endblock %}

{% block content %}..... {% endblock content %}

Phitron

Rules

- {% extends %} must be the first template tag in that template. Template inheritance won't work, otherwise.
- More {% block %} tags in our base templates are better.
- We Can't define multiple block tags with the same name in the same template.
- If We need to get the content of the block from the parent template, the {{ block.super }} variable will do the trick.

Phitron

Example

home.html

```
<html>
<head>
<title>Home</title>
</head>
<body>
<h1>Home Page</h1>
</body>
</html>
```

about.html

```
<html>
<head>
<title>About</title>
</head>
<body>
<h1>About Page</h1>
</body>
</html>
```

Phitron

Example

base.html

```
<html>
<head>
<title>{% block title %} {% endbock %}</title>
</head>
<body>
{% block content %} {% endblock content %}
</body>
</html>
```

home.html

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

{% block title %}
  Home
{% endblock %}

{% block content %}
  <h1>Home Page </h1>
{% endblock content %}
```

about.html

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

{% block title %}
  About
{% endblock %}

{% block content %}
  <h1>About Page </h1>
{% endblock content %}
```

Phitron

Example(using super)

base.html

```
<html>
<head>
<title>{% block title %} Other {% endbock %}</title>
</head>
<body>
{% block content %} {% endblock content %}
</body>
</html>
```

home.html

```
<html>
<head>
<title>Other Home</title>
</head>
<body>
<h1>Hello I am Home Page</h1>
</body>
</html>
```

home.html

```
{%  extends ‘base.html’ %}
{% block title %} {{block.super}}
Home{% endblock %}


{% block content %}
  <h1>Hello I am Home Page
</h1>
{% endblock content %}
```

Phitron