

Flask – Static Files

A web application often requires a static file such as a **javascript** file or a **CSS** file supporting the display of a web page. Usually, the web server is configured to serve them for you, but during the development, these files are served from *static* folder in your package or next to your module and it will be available at **/static** on the application.

A special endpoint 'static' is used to generate URL for static files.

In the following example, a **javascript** function defined in **hello.js** is called on **OnClick** event of HTML button in **index.html**, which is rendered on **/** URL of the Flask application.

```
from flask import Flask, render_template
app = Flask(__name__)

@app.route("/")
def index():
    return render_template("index.html")

if __name__ == '__main__':
    app.run(debug = True)
```

The HTML script of **index.html** is given below.

```
<html>
  <head>
    <script type = "text/javascript"
      src = "{{ url_for('static', filename = 'hello.js') }}" ></script>
  </head>

  <body>
    <input type = "button" onclick = "sayHello()" value = "Say Hello" />
  </body>
</html>
```

hello.js contains **sayHello()** function.

```
function sayHello() {
  alert("Hello World")
}
```

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