

11/15/2019

So instead of inserting the same multiple lines of code for the header/footer/navigation bar into every single page, we only need to write that code once in its own file. Using the #include will pull the code from the separate file and load it in place when the page is created on the server. If changes need to be made to any of those elements, we only have to change it in one spot instead of in every single page. :)

More information:

[https://www.w3schools.com/asp/asp\\_incfiles.asp](https://www.w3schools.com/asp/asp_incfiles.asp)

In the primary .aspx file, the code for inserting the content of another file is just:

```
<!--#include file="filename"-->
```

These are the "include" files that I have added so far (they are in the includes folder):

- header.inc
- navbar.inc
- navbar-main.inc
- footer.inc

Each of these has the little snippet of code that will be inserted in the .aspx files where we want.

## EXAMPLE

reServe-MainPage.aspx

```
1 <%@ Page Language="C#" AutoEventWireup="true" CodeBehind="reServe-MainPage.aspx.cs" Inheri
2
3 <!DOCTYPE html>
4 <html>
5 <head>
6 <title>ReServe - Your personal restaurant wait time calculator!</title>
7 <!--#include file="includes/header.inc"-->
8 </head>
9 <body>
10 <!--#include file="includes/navbar-main.inc"-->
11
12 <!--Background Image Bar -->
13 <div id="rs-topper" class="jumbotron text-center align-middle">
14 <div id="rs-topper-logo" class="container">
15 <h1>ReServe</h1>
16 <h2>Your personal restaurant wait time calculator!</h2>
17 </div>
18 </div>
19
20 <!-- Page content -->
21 <div class="row">
```

header.inc

```
1 <!--Mary Shiner CODE -- 9/24/2019 -->
2 <!-- Required meta tags -->
3 <meta charset="utf-8">
4 <meta name="viewport" content="width=device-width, initial-scale=1">
5
6 <!--Links to CSS (Bootstrap)-->
7 <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">
8 <link rel="stylesheet" href="css/custom.css">
9
10 <!--Creates Icon in Tab-->
11 <link rel="shortcut icon" href="images/tea-time-24-292243.png">
12 <meta name="viewport" content="width=device-width, initial-scale=1">
13
14 <!--Link to JavaScript needed for Bootstrap functionality Kelly Kurkowski 9/24/2019-->
15 <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2PKcIT72p5gJ6IdP3+Gk5vil8ovEv138wytOUijc0mMkCtYAp76jq" crossorigin="anonymous"></script>
16 <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js" integrity="sha384-ApNbss9Y2Uain5r96028F3S8H77VXjZ6IlYbKvg64oFy7aGPJz6UgWet9x6" crossorigin="anonymous"></script>
17 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js" integrity="sha384-JZR63krC/r6WYkZv7H8iCs76Iw/4N87zYx6VUgWuY2LNU7奥7w27b44jVbtf30w" crossorigin="anonymous"></script>
```