

Head Element – Walkthrough Instructions

Introduction

This lesson does not have any HTML or CSS; it is just for the <head> element block. There are two links on Moodle:

- [Favicon Generator](#)
- [Meta Description](#)

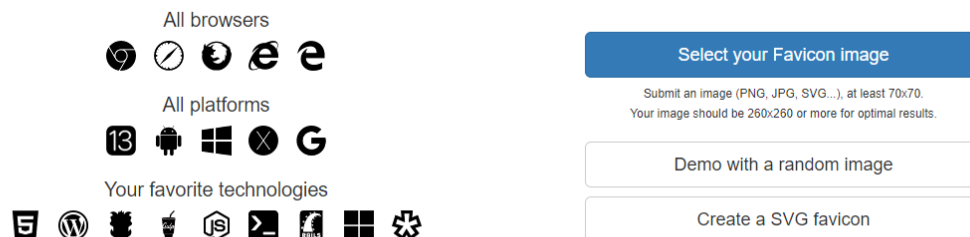
Demo Instructions

You can follow along with your instructor to complete this build and/or you can use this document as a guide in completing the demo build.

Steps

1. Download the **demo-favicon.zip** file from Moodle and extract its contents to a folder named **demo-favicon**.
2. As there will be no HTML or CSS, there is no final web output for this demo.
3. Download the **dmit1530-icon.png** file and save it to the **demo-favicon** folder.
4. Open the [Favicon Generator](#) website to see:

Favicon Generator. For real.



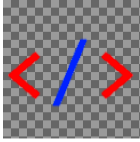
Check your favicon

Check your existing favicon with our online tool and see what can be improved.

5. Using the **Select your Favicon Image** button, open the **dmit1530-icon.png** file. You will get a warning that the image is not square:

Your master picture

Your picture is not square (138x113). We can fix this by adding transparent margins:



Just press **Continue with this picture**.

- On the next screen there are many options, but just scroll down to find the **Generate your Favicons HTML code** button to generate your icons.

Favicon Generator Options

Path	Version/Refresh	Compression	Scaling algorithm	App name	Additional files
<input checked="" type="radio"/> I will place favicon files (<code>favicon.ico</code> , <code>apple-touch-icon.png</code> , etc.) at the root of my web site. Recommended.					
<input type="radio"/> I cannot or I do not want to place favicon files at the root of my web site. Instead I will place them here:					
<input type="text" value="/path/to/icons or http://myothersite.com/path/to/icons"/>					

- On the next screen you can download your **Favicon package** and see the code to paste into the `<head>` section of your web page.

Install your favicon

HTML5
Grunt
Gulp
Node CLI
Rails
ASP.NET Core
RFG API

- Download your package:
- Extract this package in the root of your web site. If your site is `http://www.example.com` , you should be able to access a file named `http://www.example.com/favicon.ico` .
- Insert the following code in the `<head>` section of your pages:


```
<link rel="apple-touch-icon" sizes="120x120" href="/apple-touch-icon.png">
<link rel="icon" type="image/png" sizes="32x32" href="/favicon-32x32.png">
<link rel="icon" type="image/png" sizes="16x16" href="/favicon-16x16.png">
<link rel="manifest" href="/site.webmanifest">
<link rel="mask-icon" href="/safari-pinned-tab.svg" color="#5bbad5">
<meta name="msapplication-TileColor" content="#da532c">
<meta name="theme-color" content="#ffffff">
```
- Optional - Once your website is deployed,

Download the ZIP file and extract its contents to the **demo-favicons** folder.

- Now copy the code and paste it into the `<head>` section of your `index.html` file just below the `<title>` element.

```
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta name="description" content="">
  <title>Head Element Demo</title>
  <link rel="apple-touch-icon" sizes="120x120" href="/apple-touch-icon.png">
  <link rel="icon" type="image/png" sizes="32x32" href="/favicon-32x32.png">
  <link rel="icon" type="image/png" sizes="16x16" href="/favicon-16x16.png">
  <link rel="manifest" href="/site.webmanifest">
  <link rel="mask-icon" href="/safari-pinned-tab.svg" color="#5bbad5">
  <meta name="msapplication-TileColor" content="#da532c">
  <meta name="theme-color" content="#ffffff">
  <meta name="theme-color" content="#ffffff">
  <link rel="stylesheet" href="css/reset.css">
  <link rel="stylesheet" href="css/styles.css">
</head>
```

That is all there is to it ... you can try this with your own png icons.

9. To complete this lesson, open the [Meta Description](#) web link and review the reference.