

HTML & JavaScript

The best of friends!

Why did HTML need a new friend?

- When the folks at CERN created HTML (tim berners-lee) they were delighted to be able to produce static content such as text and images and present it to the new networked community which was the early days of the internet.
- As the internet's popularity spread people wanted to see the HTML web pages do more and respond to the users in a dynamic fashion.
- The requirement to see dynamic content was the catalyst for the creation of HTML's new best friend "Javascript"

HTML meets Javascript what happened next?

If you can imagine our HTML page its displayed its content and its just staticly sitting there - now javascript gets injected into the page - and the page comes to life able to change its look and feel dynamically

HTML



JavaScript



Lets create our HTML page and then we'll introduce Javascript

`<!DOCTYPE html>` > this is a web definition that tells the browser engine its dealing with a HTML document

`<html>` > all the HTML elements are enclosed with angle brackets - we start with the HTML tag

`<head>` > the head tag is where alot of the descriptive information would go about the page e.g. if it was a minecraft page you might put in some meta keywords like gaming, minecraft, mods. this is also where you can add in important stuff like style & scripts

`<title>Asoko Ninja</title>` > for this class we'll just put in a title

`</head>` > the body tag is the home of the content in html. its where you put all the text and images etc. which is the valuable content of the page. you can see here that you can attributes which is extra properties e.g. eye color, nose size. in this we've denoted that the background is going to be an image ninjabg1.jpg

`<!-- This is the start of the body of my page comment -->` > comments are a really good idea for any page you work on because while you might know what your page is about at the time your working on it. what happens in 6 months when you come back to it again and its really hard to know what all the code is about.

`</body>`

`</html>`