Semantics and Accessibility

Use class name and ID accurately. Describe what is between the tags.

What is Semantics?

All has to do with meaning!

Make sure that is has meaning, as opposed to arbitrarily marking up.

Syntax: how you say something

(Semantic Mark-up)

What are the advantages?

* Machines can understand
* Better SEO
* Services like Readability
* Facebook Sharing

Micro formats

Add some meaning to my CV!

Use some micro formats.

Accessibility

What disabilities might we need to cater for

* Colour blindness
* Visually impaired or blind users
* Deaf users
* Users who navigate using joystick and voice commands

Colour Blindness

Colour Contrast

Comes up a lot in manual testing

How do we cater for deaf users?

Semantics for people using screen readers

Accessibility Standards

* Web Content Accessibility Guidelines(WACOG)
* Accessible Rich Internet Applications(WAI-ARIA)
* BS 8878:2010 – Web Accessibility Code of Practice

WAI – ARIA

Web Access Inititive

Good practice to include the roles in the tags

<header role=”banner”>

<nav role=”navigation”>

<form role=search”>

<main role=”main”>

<aside role=”complementary”>

<footer role=”contentinfo”>

Aria

Micro

H Cards

HTML Forms