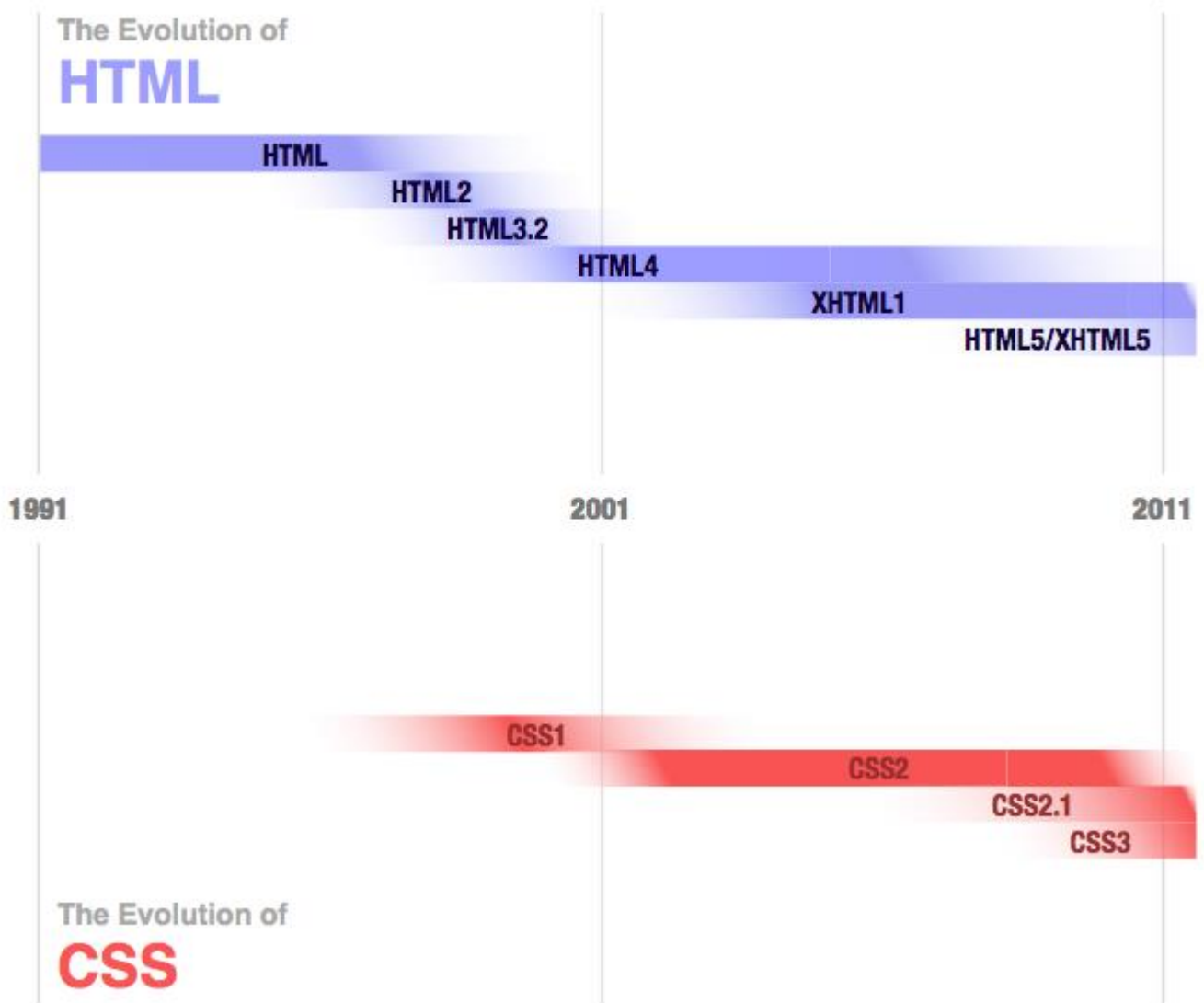
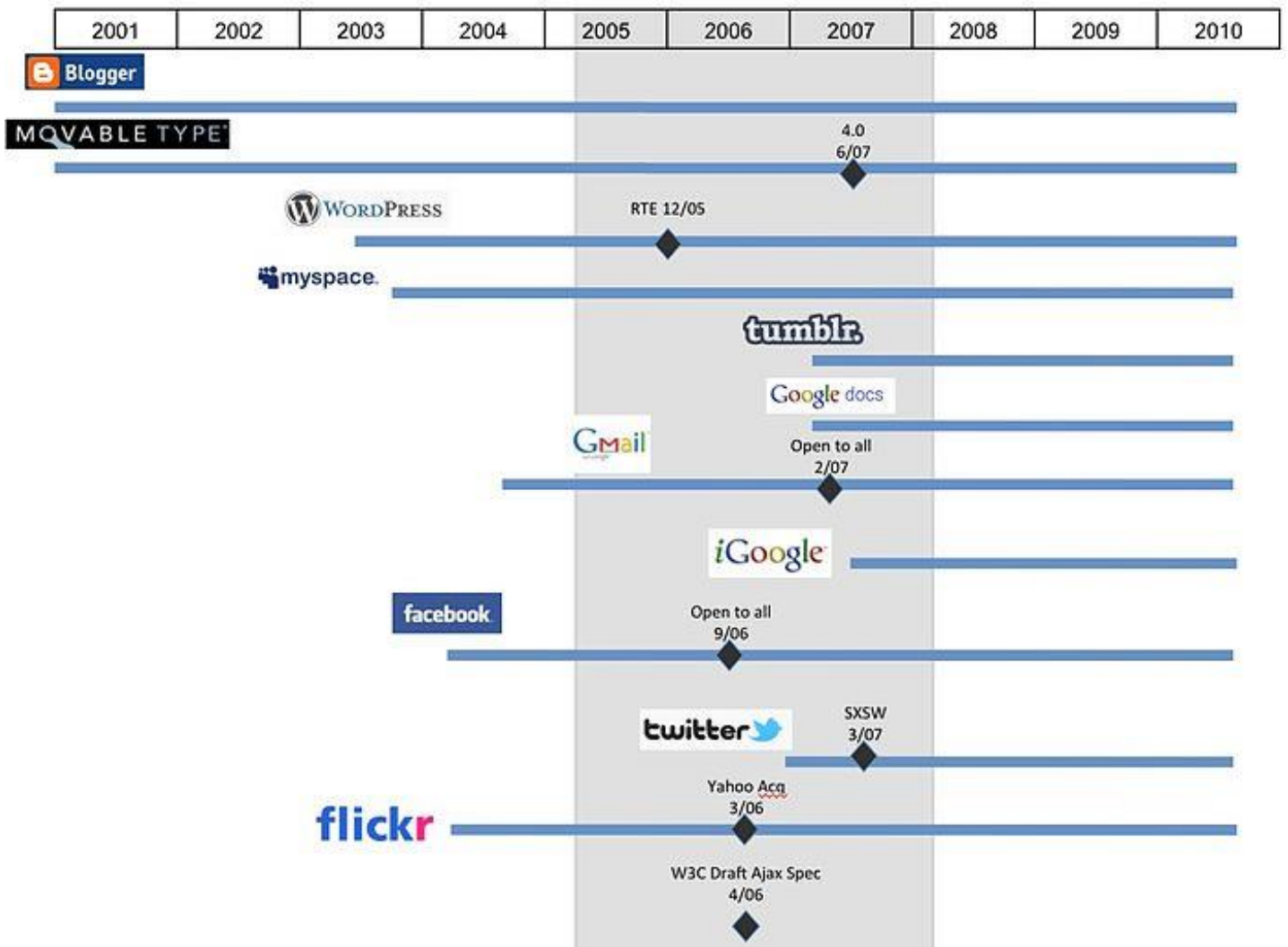


Web Authoring

The Development of HTML and CSS





HTML

Markup languages are designed for the processing, definition and presentation of text. The language specifies code for formatting, both the layout and style. A markup language is a set of words and symbols for describing the identity or function of the component parts of a document (for example 'this is a paragraph', 'this is a heading', 'this is a list', 'this is the caption of this figure', etc). ¹W3C produces what are known as "Recommendations". These are specifications, developed by W3C working groups, and then reviewed by Members of the Consortium. A W3C Recommendation indicates that consensus has been reached among the Consortium Members that a specification is appropriate for widespread use. The World Wide Web Consortium (W3C) is an international community where Member organizations, a full-time staff, and the public work together to develop Web standards. Led by Web inventor Tim Berners-Lee and CEO Jeffrey Jaffe, W3C's mission is to lead the Web to its full potential.

CSS

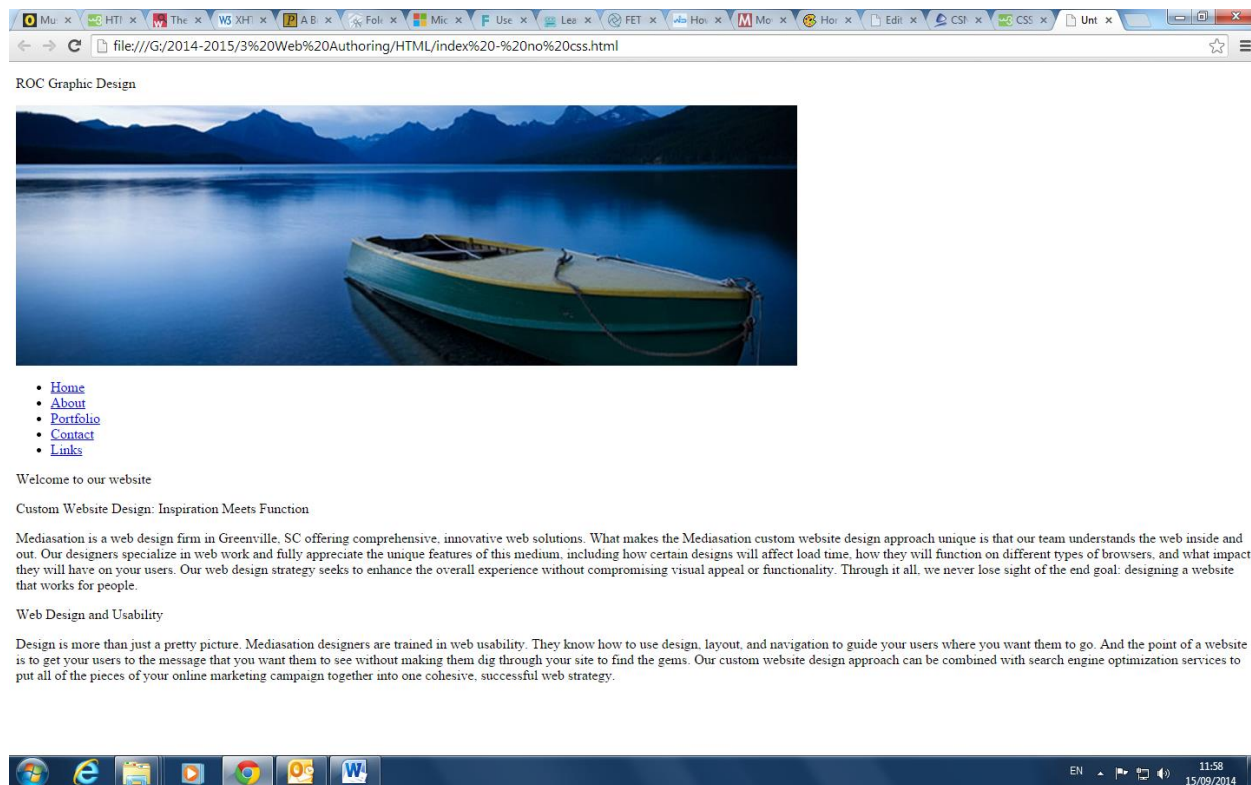
CSS stands for cascading styles sheets. **HTML** (the Hypertext Markup Language) and **CSS** (Cascading Style Sheets) are two of the core technologies for building Web pages. **HTML** provides the structure of the page, **CSS** the (visual and aural) layout, for a variety of devices.

²WWW Consortium (also referred to as W3C)

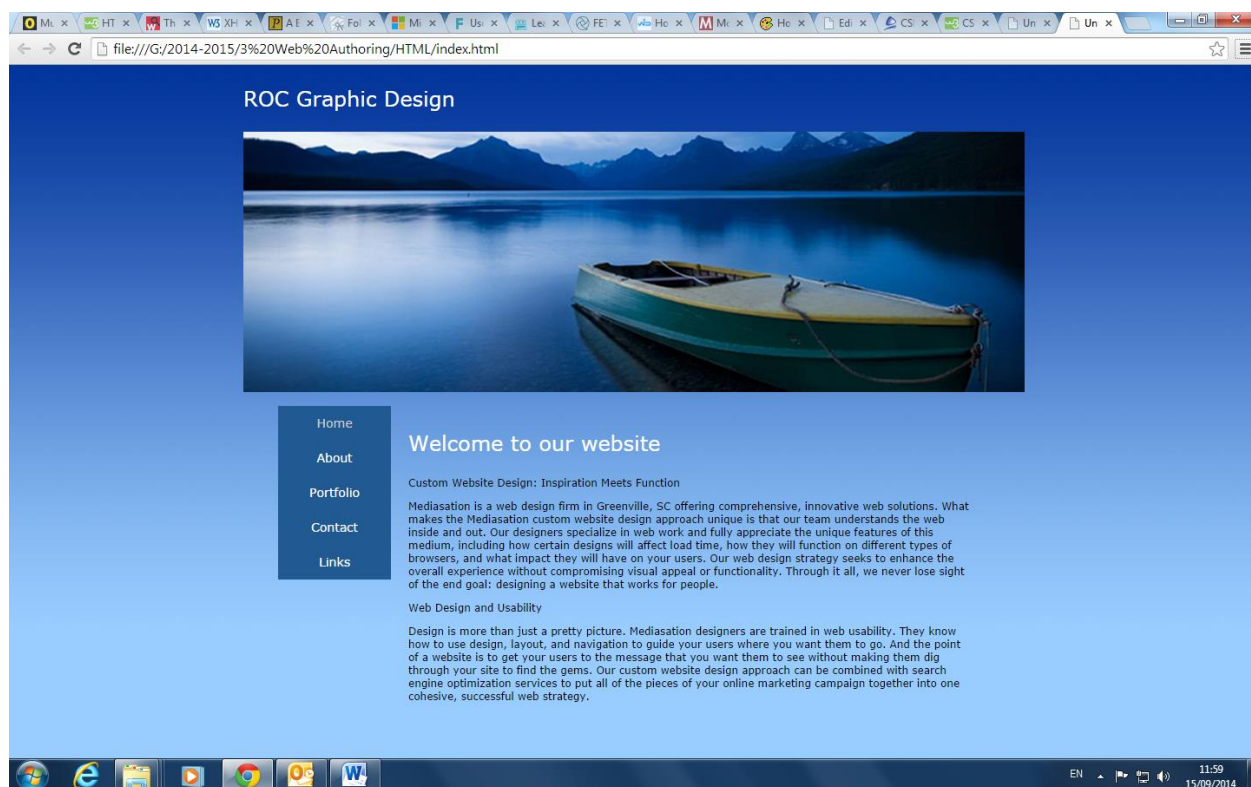
¹ <http://www.w3.org/>

² <http://www.w3.org/Talks/1999/03/24-stockholm-xhtml/slide1.html>

HTML (eg html web page below without css)



CSS (eg html web page below with css which styles the appearance of its content)



What is The Internet?

The Internet is a massive network of networks, a networking infrastructure. It connects millions of computers together globally, forming a network in which any computer can communicate with any other computer as long as they are both connected to the Internet. Information that travels over the Internet does so via a variety of languages known as protocols.

What is The Web (World Wide Web)?

The World Wide Web, or simply Web, is a way of accessing information over the medium of the Internet. It is an information-sharing model that is built on top of the Internet. The Web uses the HTTP protocol, only one of the languages spoken over the Internet, to transmit data. Web services, which use HTTP to allow applications to communicate in order to exchange business logic, use the the Web to share information. The Web also utilizes browsers, such as Internet Explorer or Chrome, to access Web documents called Web pages that are linked to each other via hyperlinks. Web documents also contain graphics, sounds, text and video.

The Web is just one of the ways that information can be disseminated over the Internet. The Internet, not the Web, is also used for e-mail, which relies on SMTP, Usenet news groups, instant messaging and FTP. So the Web is just a portion of the Internet, albeit a large portion, but the two terms are not synonymous and should not be confused.