



## **Introduction to basic web technologies used in affordable web site design.**

There are two basic technologies used in making affordable web site design. Server side and Client side. Client side means that the processing of the technology is done in your web browser. Server side means that the computer that sends the page to your browser i.e. the web browser does the processing.

### HTML

HTML means Hyper Text Markup Language. This technology provides a simple and well-organized way of presenting text in such a way that the computer will understand what it means and what kind of processing you want to do with it. The creator of HTML was Tim Berners-Lee (1990), but now the World Wide Web Consortium (W3C) looks after it. It contains a wide range of 'tags' to label text. These tags are helpful when it comes to instructions given by the computer to your browser regarding identification and processing of text. In many visual browsers, you will see the text 'HTML' above in bold formatted text. By using HTML "tags" to "mark-up" an entire document a HTML page is created, such as this one.

### XHTML

XHTML stands for Xtended Hyper Text Markup Language. It was developed in a W3C project called "The Semantic Web". The purpose of the project was to create a range of affordable web site design technologies that allows designed web pages to be understood both by computers and humans. This makes the use of the Internet more efficient. XHTML has a long and bright future in the World Wide Web.

### DHTML

This abbreviation stands for Dynamic Hyper Text Markup Language. This technology allows programs to be written which are executed inside the web browser. This form of technology however, is not a standard defined by the W3C, but is in fact, a marketing term used to describe the new technologies the 4.x generation browser could support, coined by Netscape and Microsoft.

Generally Dynamic HTML means a combination of HTML 4.0, Style Sheets and JavaScript. It is a mixture of technologies to make web pages more dynamic.

### CSS

HTML and XHTML are mainly used to instruct visual browsers about the display of affordable web site design page. They are best used to show what the text is and it's formatting. The browsers are instructed how to display the page through Cascading Style Sheets (CSS). It provides the ability to design the visual presentation of a web page. CSS can be used to decide how the documents are going to be visually presented – a computer, a television screen, a printer or any other visual medium. The most prominent fact about using CSS is that it allows a style sheet to be



used for an entire site. The chosen style sheet can be stored as a file and has to be downloaded only once. This saves time when it comes to downloading. Less downloading time is a key factor that retains a visitor's interest in your affordable web site design India page. Surfers like the time taken to download by your page as less as possible.