



HTML & JavaScript

Abstract

Most web applications use HTML to implement the presentation part. HTML is a simple and powerful language in which tables, lists, images and links can be easily created and displayed on the web page.

The course introduces JavaScript, the language of the browser, that enables dynamic web sites and rich UI.

The course will also provide an introduction to the famous AJAX technology that aids us in building Rich Internet Applications (RIA).

Target Audience

Web Developers.

Prerequisites

Programming Experience.

Content:

HTML (4 hours):

- Basic Syntax.
- HTML Attributes.
- Images.
- Links.
- Creating Tables.
- HEAD Elements.
- Using Frames.
- Using Forms and Input elements.
- Introduction to CSS.

JavaScript (8 hours):

- Introduction to JavaScript.
- Basic Syntax.
- Control Structures.
- Writing Functions.
- Working with Arrays.
- The Document Object Model.
- Events Handling.



Using Browser Objects.
Object Oriented in JavaScript.

Introduction to AJAX (4 hours):

AJAX, RIA & WEB 2.0.
The XMLHttpRequest Object.
Using AJAX in Web Applications.

Duration: 2 days.