

JavaScript Introduction

Prerequisites: Familiarity with HTML

Length: One Day

Summary: This course covers JavaScript, a simple programming language designed to be used HTML. The course is designed for less technical web authors who know HTML but have no programming experience. Students will learn how to work with information, variables, browser windows and dynamic images. They will also learn how to debug scripts.

Course Content

INTRODUCTION JAVASCRIPT

- JavaScript concepts
- Objects, Properties and methods
- Working with common methods

WORKING WITH INFORMATION AND VARIABLES

- Communicating with the User
- Prompting the user
- Using Data stored in variables
- Using JavaScript operator

DEFINING AND USING FUNCTIONS

- Defining the function
- Understanding Objects
- Handling Events
- Calling a function

SYSTEM OBJECTS

- Working with Arrays
- Parsing Strings
- Setting and Getting Dates
- Doing the Math

CONTROLLING PROGRAM FLOW

- Using Operators
- Using Conditional Statements
- Looping

WORKING WITH BROWSER

- The Browser objects
- Window Object
- Document Object
- History Object
- Location Object

WORKING WITH THE DOCUMENT OBJECT

- Getting information about the document
- Writing text in a document

CREATING INTERACTIVE FORMS AND VALIDATION

