

Contents

	Introduction	1
Chapter 1:	Getting Down to Business	3
	The Interface	3
	User-Customizable Views	8
	Data Manipulation	10
	Integrating with Backend Systems	13
	Server-Side Interaction	16
	Summary	17
Chapter 2:	JavaScript 101	19
	What Is JavaScript?	19
	A Script by Any Other Name	21
	DOM Implementations Compared	21
	Test...Test...Test	22
	Determining Browser Environments	23
	JavaScript/HTML Interaction	25
	Summary	34
Chapter 3:	JavaScript Language Elements	35
	Language Structure and Syntax	35
	Declaring Variables and Objects	40
	Flow Control	46
	Browser/Document Access	52
	The “document” Object	63
	Document Object Methods	68
	Summary	70
Chapter 4:	Cascading Style Sheets	71
	Default/External Style Sheet	72
	Internal Style Sheet	73

	Inline HTML Style Definition	74
	Style Sheet Properties	75
	Background Properties	75
	Border Properties	79
	Font Properties	84
	List Properties	86
	Margin Properties	89
	Padding Properties	90
	Text Properties	91
	CSS and JavaScript	95
	Summary	96
Chapter 5:	JavaScript Functions	97
	Form-Validation	97
	Required Fields	98
	Form Control	105
	Dynamic Page Output	107
	Image Controls	122
	Summary	130
Chapter 6:	Asynchronous JavaScript and XML	131
	AJAX: It's Not Just for Cleaning Anymore	131
	AJAX, Step by Step	135
	An XML Weather Tool	138
	The Wide World of the Web	143
	Summary	144
Chapter 7:	Javascript Language Quick Reference	145
	JavaScript Elements	145
	CSS Properties	153