Introduction to AJAX

What is AJAX? 1
How AJAX Works 1

Getting Started with AJAX 3
Understanding the XMLHttpRequest Object 3
Creating a Template 4
Creating a Basic AJAX Program 5

Exercise 1 7

Using the ReadyState Properties 8

Exercise 2 10

Creating Dynamic Search Suggestions 11

Exercise 3 15

Getting Data from an Existing XML File 16

Exercise 4 19

Populating Drop Down Lists 20

Exercise 5 25

Getting Data from a Database 26

Frameworks 29

Exercise 6 30

Appendix A: AJAX Technologies 31
Hypertext Markup Language 31
JavaScript 31
Cascading Style Sheets (CSS) 32
Extensible Markup Language (XML) 32
CGI 32
PHP 33
Perl 33
Structured Query Language 34