

Intermediate Applications of AJAX

Introduction.....	1
Is This Class Right for You?.....	2
Review of Class Group Project 1: JavaScript.....	5
Review CGI Server-Side Processing Review	7
PHP Editing	7
Review of the First AJAX Program.....	9
The JavaScript.....	9
Review of the HTML Form Section.....	11
Review of Pulling It All Together With AJAX	12
Review of Chained Select Statements	17
XML.....	18
Review of Creating a Hint AJAX Program	21
Class Exercise	23
Exercise 1: Review	31
DOM	33
HTML DOM.....	33
XML DOM	39
Class Exercise	42
Exercise 2: DOM	48
Class Exercise: Five-Step Design Process	52
More on XML	60
Delimiters.....	60
Exercise 3: XML.....	62
Review Exercise: Reviewing the Five-Step Process	64
AJAX: Project Design Data.....	66
Exercise 4.....	70

HTML and JavaScript Design	75
Form Design.....	75
JavaScripts	76
CSS	76
AJAX	76
Server Back-End Programming	76
 Exercise 5.....	78
 AJAX Framework.....	80
Advantages of Frameworks	81
Disadvantages of a Standardized Toolkit	81
 The Dojo Toolkit.....	82
Downloading Dojo.....	82
Why Dojo.....	83
 Exercise 6.....	86
 Class Exercise: Dojo Practice	88
 Dojo and AJAX.....	95
 Exercise 7.....	96
 Class Exercise: Dojo Toolkit	97
 Exercise 8.....	101
 Dojo Toolkit Examples	102
Example 1: Drag and Drop Effects	102
Example 2: Drag and Move Effects.....	105
Example 3: Drag by Handle.....	107
Example 4: Self-Contained Editor	110
Example 5: Self-Contained Combo Box.....	112
Example 6: Date Picker	115
Example 7: Accordion Layout Widget	117
Example 8: Content Pane Layout Widget.....	119
 Conclusion	123
 Appendix A: Nodes and DOMs.....	124
 Appendix B: AJAX Tools.....	125
 Appendix C: Database and Tables	126
 Appendix D: Solutions to Exercises	127