



FileMaker® Web Publishing

The Ultimate Guide
to **FileMaker®** and **PHP**

HTML CSS PHP FX.php
Database and Sample files included

FMWebschool

INTRODUCTION	5
HTML 101.....	6
<i>Book Resource files</i>	<i>6</i>
ADDING A TITLE.....	7
ADDING A HEADER	8
TEXT MANIPULATION	10
ADDING EMPHASIS	13
FORMATTED LISTS.....	14
NUMBERED LIST.....	15
NESTED ITEMS.....	15
IMAGES.....	16
LINKS	18
EMAILING WITH A LINK	20
IMAGE AND TEXT MANIPULATION	22
BEFORE WE LEAVE LINKS	23
SPECIAL CHARACTERS	24
ANCHORS	26
TABLES.....	27
MANIPULATING CELL DATA	31
CREATING CLICKABLE LINKS IN A TABLE	34
ADD AN IMAGE TO THE TABLE	35
TABLE INSIDE A TABLE.....	41
CELL COLORS	42
WORKING WITH FORMS	44
CHECKBOXES	46
RADIO BUTTONS.....	48
VALUE LIST OR DROP DOWN LIST	49
SEND BUTTONS	51
PUTTING IT ALL TOGETHER	53
META REFRESH TAGS.....	58
CONCLUSION	60
CASCADING STYLESHEETS.....	61
CASCADING STYLESHEETS.....	61
FONTS	66
FONT SIZE REVIEW	68
FONT WEIGHT	68
FONT STYLES	69
MARGINS TOP AND BOTTOM	72
ALIGNMENT.....	74
TEXT DECORATION.....	76
COMMENTING YOUR CODE.....	78
BACKGROUNDS	79
BACKGROUND IMAGE.....	80
BACKGROUND IMAGE FIXED	81
BACKGROUND REPEATING IMAGES	81
REPEAT-X	83
REPEAT-Y	84
BACKGROUND POSITION.....	84

VERTICAL ALIGNMENT	86
COMBINING VERTICAL AND HORIZONTAL ALIGNMENT	88
BACKGROUND PROPERTY	88
MULTIPLE STYLESHEETS	90
CONCLUSION OF CSS.....	94
PHP BASICS.....	95
WHAT IS IT?.....	95
WHY USE IT?.....	95
GETTING STARTED	95
PHP SCRIPTS	95
PHP FUNCTIONS.....	96
YOUR FIRST PAGE	96
ACCESSING YOUR PAGE	96
DISPLAYING INFORMATION TO THE PAGE	97
COMMENTING YOUR CODE	98
WHITE SPACE	100
USING PHP WITH HTML.....	100
QUOTES, WHAT'S THE DIFFERENCE?	102
VARIABLES.....	103
CALCULATIONS.....	106
TESTING CONDITIONS	108
ADDING REPEATING CODE	112
PREPARING YOUR DATABASE	114
FX.PHP.....	115
REQUIREMENTS	115
SETTING UP YOUR FX.PHP FILES	115
TESTING YOUR FX.PHP CONNECTION	117
FINDING CODING AND CONNECTION PROBLEMS	121
CREATING A SIMPLE SEARCH (FIND ALL RECORDS)	122
SEARCHING THE DATABASE	125
SINGLE SEARCH CRITERIA	125
MULTIPLE SEARCH CRITERIA.....	127
QUERY OPERATORS	129
LOGICAL OPERATORS.....	129
LIMITING THE NUMBER OF RETURNED RECORDS.....	131
QUERIES WITH RELATED FIELDS.....	131
DISPLAYING DATA.....	134
RETURNING MULTIPLE RECORDS.....	134
PREVIOUS AND NEXT LINKS	138
RETURNING A SINGLE RECORD	143
CREATING RECORDS	147
DISPLAYING THE RESULTS OF A NEW RECORD	150

EDITING RECORDS	153
PORTALS	161
CREATING PORTAL RECORDS	161
DISPLAYING PORTAL RECORDS	162
EDITING PORTAL RECORDS.....	165
VALUE LISTS.....	171
SELECT LISTS	171
RADIO BUTTONS.....	177
CHECK BOXES	181
PRE SELECTED VALUES	188
SELECT LISTS	188
RADIO BUTTONS.....	193
CHECK BOXES	197
USER AUTHENTICATION	202
LOGIN USING AN ACCOUNTS TABLE.....	202
LOGIN USING FILEMAKER ACCOUNTS	208
SESSIONS.....	213
WORKING WITH SESSIONS	213
USING SESSIONS IN A LOGIN SCHEME.....	217
CREATING PDF'S WITH PHP	224
PHP TECHNIQUES THAT SAVE YOU TIME	229
ADVANCED LOOP CONTROL – BREAK AND CONTINUE	229
ARRAY MANIPULATIONS FOR EFFICIENT DATA RETRIEVAL	230
APPLYING ARRAY MANIPULATIONS TO FX.PHP.....	232
ADVANCED RETRIEVAL OF REMOTE DOCUMENTS – A QUICK GUIDE TO cURL	232
BRINGING IT ALL TOGETHER – RANDOM FILE RETRIEVAL SCRIPT.....	233
ERROR CODES.....	236

Introduction

Congratulations! You have just taken a major step towards success by purchasing this book. You have decided to commit the time, the money and the effort needed to become a FileMaker web developer. As you work through the book, you will begin to realize some of the core benefits that you will gain. Many of you will find that potential clients and markets that were not previously available will now be open to you. This alone will help you motivate you as you work through the lessons in this book. There are however, certain requirements to being successful.

My Promise to you

My desire in writing this book is to help make you a professional FileMaker web developer. For many individuals, learning how to do this from a book is very difficult. I realize this; I myself am a hands on learner. I do better when I have an instructor, and I work through the process with the instructor. My battle then was to write a book that synched with all different styles of learning. This train of thought led me to the “evolving book idea”. I would create a book that went through a changing process every month. How would I know what to change?

An Open Forum

I decided to implement several key ideas to help facilitate learning and add to the content of the book.

1st The book will be updated every month. The information for the update will come from several sources and be explained in detail below.

2nd A monthly project will be made available at our website to help further your skills. The example files will be real world files that you will be able to use in your solutions.

3rd An online forum dedicated solely to this book. The forum is to be used by readers to make comments, offer suggestions and ask questions.

Monthly Update

Every month we will add more content to the book. Content is defined as more code examples, a FAQ addendum added to the book, additional topics and corrections of any mistakes. This is only a small part of additions that will be added to the book. Here is where your input becomes extremely important. We want you to send us your questions, your ideas...If you feel that a section of the book is not detailed enough or that you need more examples, take this opportunity to let us know. Every month we will take your request, your comments, your suggestions, and we will add them to the book. Don't just limit yourself to changes you want to see in the book! Let us know what kind of projects you are interested in seeing us develop as our monthly solution!

Be sure to join the forum for the book at: <http://fmwebschool.com/frm/index.php> in order for us to help you, we need to hear from you.

Finally, we hope that this book provides you with all of the information that you need to become a professional FileMaker web developer.