

TABLE OF CONTENTS

Getting A Grip On Clarion	1
The Minimal Clarion Program	1
There Has To Be A Better Way	3
Speeding Development With Templates	3
Starting With The Dictionary Editor	4
Now Comes The Easy Part	7
The Browse-Form Paradigm	8
Maximum Wizards	10
Beyond Wizards	11
A Place For Everything	12
Understanding Templates And Embeds	13
The Template Registry	13
Template Files	14
Application/Module Templates	15
Procedure Templates	15
Control Templates	17
Code Templates	19
Extension Templates	20
Group Templates	20
Templates and Embed Points	20
What About Object-Orientation?	21
Templates And Embeds: Finding The Balance	22
Understanding Clarion Code	25
The Minimal Clarion Program	26
A More Realistic Minimal Program	26
The Project System	28
Understanding Source Modules	30
Declaring Data	34
Good Programming Practice	37
Summary	38

Source code	38
Clarion Data Types and Programs	39
Data Types	39
Simple data types	40
Dates And Times	43
Arrays	43
Complex Data Types: GROUPs	44
QUEUEs	44
CLASSEs	45
Special Data Types	45
Finally, An Example!	46
Summary	51
Source code	51
Procedures and Windows	53
Creating A Procedure	53
Creating A Window	57
Adding A List Box	61
Summary	63
Source code	63
Understanding List Boxes	65
Fancy Formatting	68
Saving/Restoring The Format String	70
Field Ordering	71
Using The Property Syntax	72
Groups And Multiple Lines	72
Wait, There's More!	73
The Ultimate In List Box Control	73
Summary	74
Source code	74
Understanding EQUATES.CLW	
(Part 1)	75
Event equates	76
Standard equates	80
Cursors and icons	81

Understanding EQUATES.CLW	
(Part 2)	89
Sound equates	89
Spin box equates	90
Color equates	90
Runtime control creation equates	92
Font and charset equates	93
Drawing equates	94
Logic equates	94
List zone equates	95
Button equates	95
Data type equates	96
Directory equates	96
File dialog equates	98
The OLE queue	98
Match equates	99
Paper equates	99
A TPS equate	101
Driver option equates	102
Other Includes	105
File Access Basics	107
File Drivers And Caveats	108
Creating Files	108
Opening And Closing Files	109
Accessing Data	111
Retrieving Records With NEXT And PREVIOUS	114
File Handling Techniques	117
A mental image	118
Now to the computer...	119
How the computer stores it	119
The "Ritual" bit	120
Finding records	121
Glossary	123
The real cardex	124

