



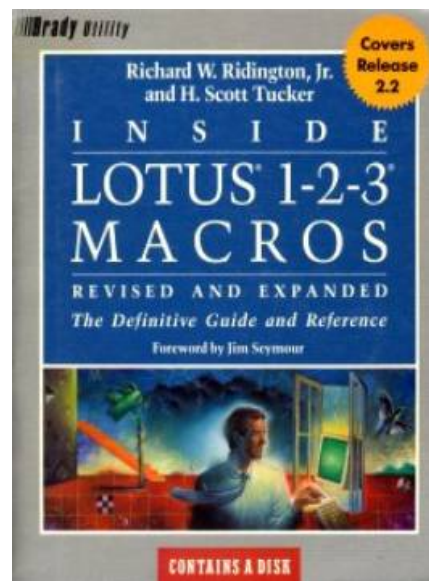
## INSIDE LOTUS 1-2-3 MACROS REVISED AND EXPANDED

RICHARD W. RIDINGTON, JR.  
H. SCOTT TUCKER

### SUMMARY

Inside Lotus 1-2-3 Macros, Revised and Expanded is a complete reference to 1-2-3 macros by the two leading authorities on the subject-Dick Ridington, the Resources Editor at Lotus Magazine, and Scott Tucker, the Director of Product Design for Lotus Development Corporation Spreadsheet Products. Their in-depth discussion of macros covers Release 2.2's new macro commands and features as well as those in the earlier 2 and 2.01 releases.

Users at all levels will benefit from the authors' inside view of Lotus 1-2-3 macros. The book's comprehensive tutorials move progressively from simple keystroke and ready-to-run macros to topics in advanced macro design and development. The disk incorporates all the examples, tips, and techniques discussed in the book so that you can use macros to your best advantage instantly. Learn macro design with this book and time-saving utility disk from the Lotus 1-2-3 insiders.



#### SYSTEM REQUIREMENTS:

Lotus 1-2-3 Release 2, 2.01, or 2.2, and the hardware specified by Lotus Development Corporation for the se Releases.

### CONTENTS

Foreword	xvii
Introduction	xx
Prerequisites	xx
Section I Introduction to Macros	1
Chapter 1 An Introduction to Macros	3
Overview	3
An Overview of Macros	3
Why Use Macros?	3
Types of Macros	5
The One Minute Macro	7
A Guide to Using the Book	9
Tools	10
How to Find Definitions of Words You Don't Understand	11
Key Name Conventions	11
Next	12
Section II Keystroke Macros	13
Chapter 2 Keystroke Macros	15
Overview	15
Keystroke Macros: The Quick Course	16
Macro Examples	23
Keystroke Macros: The Detailed Course	35
Three Steps for Writing a Macro	36
Three Simple Types of Macros	36
Type 1: Macros That Enter Labels	36
What To Do If the Macro Did Not Work	40
Applications	41
Summary	42
Type 2: Macros That Enter Values and Formulas	42
Label Prefixes and Macros	45
Macros That Enter Labels Beginning with a Number	46
Writing Formulas with Macros	48
Optional Exercise	48
Summary	50
Type 3: Macros That Enter 1-2-3 Commands	51
What to Do If the Macro Did Not Work	53
Summary	54
Two Ways to Revise Macros	54
Multiple Line Macros	55
How Multi-Line Macros Work	58
Multi-Line Macros as Newspapers	58

Flow of Control	59
Summary	60
Letting 1-2-3 Write Your Macros	60
How To Build on Existing Macros	62
Adding Style to Your Macros	64
Macro Labels Can Be Any Length	64
Macro Documentation	66
Assigning Range Names to Macros the Quick Way	71
Where To Place Your Macros on the Worksheet	73
How To Reduce the Screen Hopping	75
Speeding Up Screen Switching with Range Names	75
Eliminating the Screen Switching with Worksheet Windows	77
Testing Your Macros	78
Summary	81
<b>Chapter 3</b> Using Special Key Names	82
Compatibility	88
Sample Macro for Goto	88
Applying Key Names To Write Formulas That Point	90
Saving Time When You Write Macros	93
Application	95
Summary	102
<b>Chapter 4</b> The { ? } Interactive Command	103
The { ? } Interactive Command and the Return Key	104
Data Entry with the { ? } Interactive Command	106
Macro Testing with the { ? } Interactive Command	108
Applications	109
Summary	109
Next	110
<b>Chapter 5</b> Macro Libraries	111
Release 2 and 2.01 Macro Libraries	111
An Organized Macro Library	113
Create Separate Macro Library Worksheets	114
Segment Your Macro Library	115
Formula Libraries	117
Release 2.2 Macro Libraries	117
Two Methods of Attaching the Macro Library Manager	119
A Quick Tutorial	120
The Macro Library Manager Menu	124
Macro Library Manager Tips	126
Summary	131
<b>Chapter 6</b> Macro Automation Features	132
Automated Data Entry	132
Automatic Macro Activation	134
Automatic Worksheet Loading	136
Automatically Loading Macro Libraries in Release 2.2	138
Summary	139
<b>Chapter 7</b> A Prologue to More Advanced Macros	140
An Introduction to Loops	140
Using Range Names	142
Style Guidelines for Range Names in Macros	145
Another Sample Loop	147
Terminating a Macro with a Command	147
Sample Applications of {quit }	148
Next	149
<b>Chapter 8</b> Debugging Your Macros	150
Prescriptions for Common Macro Problems	153
1-2-3 Beeps and the Macro Does Not Run	153
The Macro Doesn't Run; 1-2-3 Doesn't Beep	154
The Macro-Name Letter Appears in the Control Panel or on the Worksheet	155
Characters Appear in the Control Panel Instead of on the Worksheet	156
Embedded Spaces in a Macro	158
Assumptions in Macros	159
Underlying Problems with Range Names	161
Next	163
<b>Chapter 9</b> Dynamic Code: Self-Modifying Macros	164
Creating Variables Through Blank Spaces	165
Creating Variables Through String Manipulation	166
Writing the String Formula	167
Numbers in Macro String Formulas	168
String Formula Limitations	170
Next	171
<b>Section III Macro Programming</b>	173
<b>Chapter 10</b> Introduction to Macro Programming	175
Overview	175
Benefits	177
Syntax	178

A Warning About Certain Range Names	179
Command Components	181
Keywords	181
Arguments	181
Separators	184
Form of the Command Definitions	185
Command Definitions	186
Organization of the Commands	186
<b>Chapter 11</b> Controlling the Screen	192
Overview and Introduction to New Concepts	192
{Beep}	192
{Bordersoff}	194
{Borderson }	194
{Frameoff}	195
{Frameon}	196
{Graphoff}	197
{Graphon}	198
{Indicate }	199
{Paneloff}	201
{Panelon }	203
{Windowsoff }	204
{Windowson}	206
<b>Chapter 12</b> Allowing Keyboard Interaction	209
Overview and Introduction to New Concepts	209
{Break }	211
{Breakoff}	212
{Breakon}	213
{Get }	214
{Getlabel}	216
{Getnumber }	219
{Look }	223
{Menubranchn}	226
{Menucall}	230
{Wa}	233
{?} {Interactive Command}	235
<b>Chapter 13</b> Controlling Program Flow	237
Overview and Introduction to New Concepts	237
{ (Subroutine Call)}	238
{Branch}	246
{Define }	247
{Dispatch}	250
{For}	252
{Forbreak}	256
{If}	258
{Ifkey}	263
{Onerror}	265
{Quit}	267
{Restart}	268
{Return}	270
{System}	271
<b>Chapter 14</b> Manipulating Data	275
Overview and Introduction to New Concepts	275
{Blank}	276
{Contents}	277
{Let}	281
{Put}	284
{Recalc }	287
{Recalccol}	289
<b>Chapter 15</b> File Manipulation	292
Overview and Introduction to New Concepts	292
{Close}	298
{Filesize}	301
{Getpos}	302
{Open}	304
{Read}	308
{Readln}	315
{Setpos }	319
{Write }	320
{Writeln}	324
<b>Chapter 16</b> Accessing Add-ins	327
Overview and Introduction to New Concepts	327
{App1 } , { App2}, {App3}, {App4}	328
<b>Chapter 17</b> @ Functions Commonly Used in Macros	331
Overview and Introduction to New Concepts	331
Special Functions	332
@cell	332
@cellpointer	334
@lookup	336
@lookup	336

@lookup	338
Logical Functions	340
@isaaf	340
@isaap	340
@iserr	341
@isna	342
@isnumber	343
@isstring	344
String Functions	345
@left	345
@right	345
@mid	346
@string	347
@value	348
@find	348
@exact	349
@lower	350
@upper	350
Time and Date Functions	351
@now	351
@time	352
Summary	353
<b>Chapter 18</b> Enhancing Existing Macros	354
Using the Advanced Macro Commands	354
Macros for 1-2-3 Release 2.2	360
Next	364
<b>Chapter 19</b> Writing Your Own Commands	365
Adding a Command to Vary the Width of a Range of Columns	366
Adding a Command to Copy a Range of Relative Formulas As Absolute	368
Variation on the Macro	372
Abbreviating Commands to Freeze /Unfreeze the Screen	373
Abbreviating Commands to Prompt for Input	374
Simplifying the { for} Command	376
Command-Enhancement Summary	379
Next	379
<b>Chapter 20</b> Release 1A Versus Release 2 Advanced Macro Commands	380
Summary	381
Next	382
<b>Section IV Advanced Techniques</b>	383
<b>Chapter 21</b> Introduction to the Advanced Techniques	385
When To Use Customized Macros	386
An Overview of the Content of an Application	390
User Interaction	391
Processing Data	392
Output	392
An Overview of the Processes for Developing an Application	393
Application Planning	393
Development Tools	394
<b>Chapter 22</b> Managing User Input	396
Single Characters	397
Using {get}	398
Case Sensitivity	399
Disabling the Keyboard	401
Capturing Special Keys	401
Implementing a Key Table	404
Turning Off the Slash Key	407
Displaying Your Own Menu at the "	"
Displaying Your Own Help Screen at F1-A Release 2.2 Technique	408
Be Careful of Curly Braces	408
Generalizing the Curly Brace Test	410
Embedding the Test in a Formula	410
Accepting Label and Number Input	413
Using {getlabel} To Manage Label Input	413
Using {getnumber}	417
Custom Prompts with Defaults	419
Using{?} To Accept Data Entry	425
Using Range Input	426
Getting Help During Range Input	429
Database Records	431
Defining and Redefining Ranges	435
Method 1: Helping the User Redefine a Range	436
Method 2: Using a Macro to Redefine the Range	438
Associated Ranges	441
Bounds Checking and Validity Checking	442
Bounds Checking	443
Testing for Acceptable Entries	445
Summary	448

Chapter 23	Menu Systems	449
	Controlling Menu Responses	450
	Preventing Inadvertent Menu Selection	450
	Disabling the Escape Key	451
	Backing Up Through the Menu Tree	453
	Dynamic Menus	454
	Full-Screen Menus	460
	{lf}-List: A Simple Approach to Full-Screen Menus	461
	{Dispatch} : A Fast Approach to Full-Screen Menus	462
	Speeding Up Full-Screen Menu Selections	465
	Full-Screen Menus with a Moving Cell Pointer	469
	{?} Moving Cell Pointer Menu	470
	{Get} Moving Cell Pointer Menu	471
	Query Find Moving Cell Pointer Menu	475
	Drawing Attention to Full-Screen Menus	481
Chapter 24	Error Avoidance and Recovery	483
	The{?} (Interactive) Command	484
	Dealing with Files	484
	Dealing with Range Names	487
Chapter 25	Testing Cells for Contents	489
	Overview	489
	Testing for a Specific Label	490
	Maintaining Compatibility with Releases 2, 2.01, and 2.2	492
	Another Compatibility Issue: Testing for Blanks	492
Chapter 26	Using the Screen	493
	Introduction	493
	Message at the Top of the Screen	496
	Messages in Windows	498
	A Dynamic Menu	500
	Showing a Message on the Screen	503
	Highlighting an Onscreen Message	505
	Managing Multiple Graphs	509
	Displaying Full-Screen Messages	513
	A Full-Screen Message Using an XY Chart	518
	Displaying Your Own Logo When the Worksheet Loads	523
	Dressing Up Displays Using the ASCII-No LICS-Screen Driver	524
	Using Custom ASCII Drivers	529
Chapter 27	Help Systems	532
	Basic Systems	532
	Minimizing Memory	533
	File-Combine Method	533
	Read Method	535
	Restoring the Screen and Cell Pointer	535
	Capturing Cell Addresses	536
	Mid-Formula	538
	Range Input	545
	Query Find	546
	Context Sensitivity	547
	Individual Help Nodes in the Menu Screen	548
	Context Sensitivity in Full-Screen Menus	549
	Context Sensitivity from the Worksheet	549
Chapter 28	Application Design	552
	Using Available Memory Efficiently	552
	Making Your Application Portable to Other Environments	554
	Portability Across Computing Environments	554
	Converting the Application for Foreign Use	556
Chapter 29	Structured Programming	559
	An Introduction to Selected Programming Concepts	559
	The Methods of Structured Programming	560
	Keep Each Line of the Macro Brief and Meaningful	560
	Use Variables	561
	Use Range Names	561
	Organize Common Actions into a Single Routine	563
	Segregate Dissimilar Tasks into Separate Routines	565
	Make Subroutines Independent of Calling Routines	565
	Set Up the Worksheet Manually	566
	Separate One-time Instructions from Recurring Instructions	567
	Plan: How to Use Flow Charts and Pseudo Code	569
Chapter 30	Macro Development Tips and Tools	571
	Toggling Between Two Files	573
	Navigational Aids	573
	Directory Switcher	574
	Learn Macro	576
	Speedkey Macro	580
	Benchmarking Your Routines	583
	Run Macro	587
	Debugging with {indicate}	588
	Range Name Table Documentor	589
	Protecting Your Macros	594

Updating an Application Already in Use	596
Search and Replace	598
User Macro	598
Accelerator Keys	599
Conclusion	600

601

[Index](#)

[TOP](#)

You can Read Online Inside Lotus 1 2 3 Macros Revised And Expanded here in PDF, EPUB, Mobi or Docx formats. Inside Lotus 1-2-3 Macros, Revised and Expanded. Author: Richard Warren Ridington, Scott Tucker. Publisher: Prentice Hall Ptr. A definitive guide and reference, this is the classic macro guide, now revised and expanded to cover new macro features in Lotus Release 2.2. Enables users at all levels to take full advantage of Releases 2, 2.01 and 2.2 macros. Release 1989. Excel 2007 Power Programming with VBA. Inside Lotus 1-2-3 Macros book. Read reviews from world's largest community for readers. Goodreads helps you keep track of books you want to read. Start by marking Inside Lotus 1-2-3 Macros: Revised and Expanded as Want to Read: Want to Read saving; Want to Read. Currently Reading. Read. Inside Lotus 1-2-3 Mac by Richard W. Ridington. Other editions. Want to Read saving; Error rating book. Refresh and try again. Rate this book. Clear rating. 1 of 5 stars 2 of 5 stars 3 of 5 stars 4 of 5 stars 5 of 5 stars. Open Preview. See a Problem? We'd love your help. Let us know what's wrong with this preview of Inside Lotus 1-2-3 Macros by Richard W. Ridington. Problem: It's the wrong b Lotus 1-2-3 was an early spreadsheet application available for MS-DOS. It became extremely popular in the late 1980s, displacing the former leader VisiCalc. Lotus had difficulties adapting 1-2-3 to the Windows environment, and was overtaken by Microsoft Excel. Spreadsheet functionality was also included in Lotus Symphony. Later versions were included in Lotus SmartSuite. Wanted: Additional Ports of Lotus 1-2-3, and Lotus 1-2-3 97 Edition (first 32-bit Windows version).

Semantic Scholar extracted view of "Business applications for Lotus 1-2-3 macros" by David Whigham.Â  
@inproceedings{Whigham1992BusinessAF, title={Business applications for Lotus 1-2-3 macros}, author={David Whigham}, year={1992} }. David Whigham. Published 1992. Computer Science. Save to Library. Create Alert. Cite. Dimension i3/Lotus i3. Weight Integration Features SureLock IIâ„¢ Integrated Weight Release System Maximum Weight Capacity Loading Weight into the SureLock IIâ„¢ Pouches.Â WARNING: Check that the macro adjustment is set for the appropriate size cylinder. Failure to do so may result in the cylinder slipping during the course of a dive. NOTE: Pull the micro adjustment only until it is snug against the cylinder.Â To ensure your safety, refer to the tag located on the inside BC pocket prior to attaching double cylinders to confirm the approved double cylinders for your particular BC. WARNING: When fully charged and worn together as doubles, some cylinders may create enough negative buoyancy to counteract the amount of lift your BC can provide. Inside Lotus 1-2-3 macros by Richard W. Ridington; 1 edition; First published in 1989; Subjects: Business, Data processing, Lotus 1-2-3 (Computer file), Macro instructions (Electronic computers).Â remove edition notes from title (revised and expanded). December 3, 2010. Edited by Open Library Bot. Added subjects from MARC records. April 28, 2010. Edited by Open Library Bot. Linked existing covers to the work. December 10, 2009. Lotus - The Teleporting Lazars. So the title of this whole guide is reflected upon the first phase and one of the few reasons why I cannot hit phase 2 on my own even though I have the damage to. Before we get into that, there's a few noticeable things as soon as you enter. Phase 1. So right off the bat the first thing you'll notice is the rotating lazer at the center. This lazer will kill you in one hit, and the lazer is actually quite fair as it will kill you in one hit even if you're a Paladin. This lazer first spins counter-clockwise but over time may speed up or suddenly dec