

Sheet1

MARCH 1993: SmartFill, Retirement, Clip-Art Viewer, Subroutines, Macros, Q&A, GI's

Spreadsheet Models from PC World Lotus Edition

CONVENTIONS USED AND TABLE OF CONTENTS

TO PRINT THIS FILE:

1-2-3 for DOS: /Print Printer Align Go Page Quit.

Before you use the models, please read this entire file.

Conventions

File names are constructed from the date on which the article appears and from the article's starting page number. For example, a 1-2-3 model that appears on page L43 of the March 1993 issue is called 93_0343.WK1.

If there is more than one model on a page, a letter is added to the file name--for example, 93_0343A.WK1 and 93_0343B.WK1.

If a model works in more than one release of 1-2-3 (or Symphony), it appears on disk in the earliest release. For example, if a model works in 1-2-3 Releases 2.01/2.2/3.x and in Symphony Releases 2/2.2, it is saved on disk as a 1-2-3 Release 2.01 file.

Files created in 1-2-3 Releases 2.01/2.2 have a .WK1 extension.
Files created in 1-2-3 Release 3.x have a .WK3 extension.
Files created in Symphony Releases 2/2.2 have a .WR1 extension.

TO RETRIEVE A WORKSHEET:

Select /File Retrieve (in Symphony, SERVICES File Retrieve), enter the letter of your floppy-disk drive followed by a colon (A:), and select the file you want to retrieve.

To retrieve a 1-2-3 file in Symphony, select SERVICES File Retrieve, press the Backspace key to clear the path, and enter a:*. (or the letter of your floppy-disk drive followed by :*.*) to display all the files on the disk. Then select the file name.

To retrieve a Symphony file in 1-2-3, select /File Retrieve, use the Backspace key to clear the path, and enter:

a:*. *

L27-L30

L35

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L39

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L39-L40

L40

L42

L42

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END OF FILE

Note #1: Figures 4 and 5 in the magazine reflect the status of the worksheet after the macros have been run. We've erased all but the figures for the first two years.

Note #2: If you want to run the macros several times with different input criteria, erase all but the first two rows in both the Contribution and Withdrawal sections. Then run the macros.

Browse Your Clip Art Collection

When you've got to have art, this 1-2-3 viewer helps you find the right image. By Scott Tucker. This model works in 1-2-3 releases 2.3, 2.4, 3.1, 3.1+, and 3.4 with Wysiwyg attached, and in 1-2-3 for Windows.

Files:

Note #1: Use the :Worksheet Row Set-Height command to adjust the heights of row 2 and rows 3-23 so that the label in row 23 displays at the bottom of your screen.

Note #2: In Figure 1 on page L28, cell K60 contains :PLTCFF|ax}. The characters "ax}" should not be at the end of that label. The label is correct in the files.

Macro Basics: Adding Structure With Subroutines

Just as you can invoke a macro to perform a task for you, your macro can call upon subroutines to perform tasks for it. Here's a look at why subroutines are useful. By Cynthia Fitzgerald. Works in all releases of 1-2-3.

Files:

Figure 2 is for illustrative purposes only.

Advanced Macros: Gear Your Macros for Speed

This month we look at ways to speed your macros up. By Richard Cranford. Works in 1-2-3 Release 2.01 and higher.

Files:

****Figure 1 is for illustrative purposes only.****

****Figures 2 and 3 on page L38 show the macro after it has run. The macro in the file 93_0338A.WK1 ships with the macro before it has run, so range B27..B32 will contain different entries.****

Q&A: Overlapping Entries

Here's a workaround solution to a centering problem that occurs in release 3.1 and 3.1+.

Files:

****Follow the instructions in the answer to work around this problem.****

Q&A: Look Up Exact Value

This @VLOOKUP formula returns a value from a table only when the lookup value is an exact match.

File:

Q&A: Does the File Exist?

Here's a macro that tests to see whether a file you want to extract data to exists.

File:

Note #1: If you use release 3.x or 1-2-3/W, replace the file extension .WK1 with .WK3 in cell B1.

Note #2: The File Xtract command extracts all range names that are in the original file. Retrieve the extracted file and delete the extra range names. In this example, retrieve the file named TEST and delete the range names Replace, Save, and \T.

Q&A: Use @HLOOKUP to @VLOOKUP

This formula solution lets you look up data in a table based on two cell entries.

File:

****Cell C6 in the figure on page L40 should contain 185000.****

Good Ideas: @SUM SmartIcon

This technique shows how to make sure that you'll end up with correct totals using the @SUM SmartIcon.

File:

****The second and third figures are for illustrative purposes only. Follow the instructions below the first figure.****

Good Ideas: Change the Color of Your Frame and Cell Pointer

This macro changes the color of a release 3.x frame and cell pointer.

File:

93_0322.FMT = nonretrievable format file

***** ** ** ** **

93_0328.WK1 = model for 1-2-3 releases 2.x and 3.x

93_0328.FMT = nonretrievable Wysiywg format file

93_0328.WK3 = model for 1-2-3/W

93_0328.FM3 = nonretrievable Wysiywg format file

***** ** ** ** **

93_0335A.WK1 = Figure 1

93_0335A.FMT = nonretrievable format file

***** ** ** ** **

93_0338A.WK1 = Figures 2 and 3

**Rows 23 to 31 in Figure 2 have been replaced with
faster code shown in Figure 3.**

93_0338B.WK1 = Figure 4

***** ** ** ** **

93_039A.WK3 = first figure

93_039A.FM3 = nonretrievable format file

93_039B.WK3 = second figure

93_039B.FM3 = nonretrievable format file

93_039C.WK3 = third figure

93_039C.FM3 = nonretrievable format file

93_0239D.WK1

93_0340A.WK1

93_0340B.WK1

***** ** ** ** **

93_0342A.WK1 = first figure

93_0342B.WK3