

>Lotus 1-2-3 97 Readme.wri

This file contains important information that is not included in the printed documentation or online Help.

This file contains information on the following topics:

- >Installation
- >Command-Line Parameters
- >Compatibility
- >Display and Graphics Adapters
- >@Functions
- >LotusScript
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Installation

>Extra directories

The 1-2-3 97 and SmartSuite 97 CD-ROMs contain four directories with additional 1-2-3 features and information. The files in the EXTRA directory do not get installed by the Install program. You can copy the files to your hard disk or open them from the CD-ROM.

Each directory contains a .TXT file with information about the directory's contents. The following directories are located in the LOTUS\EXTRA\123 directory.

<u>Directory</u>	<u>Contents</u>
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MACROHLP	1-2-3 Macro Help files and MACROHLP.TXT
SCRIPTS	Sample LotusScript files, a LotusScript SmartIcons set, and SCRIPTS.TXT
MAPS	Additional maps for 1-2-3 and MAPS.TXT
SOLVER	A limited-use trial version of a new Solver add-in for 1-2-3 97 and SOLVER.TXT

>Installing 1-2-3 on network drives

If you installed 1-2-3 on a network drive, you must use the same network drive letter to launch 1-2-3 as you did when you installed it. For example, if you installed 1-2-3 from a network server you mapped to X:, you must also start 1-2-3 using X: For example, X:\LOTUS\123\123W.EXE. If you installed 1-2-3 using Universal Naming Convention (UNC), you must also launch using UNC.

If you do not follow these conventions, you may have these problems:

- You will not be able to open a 1-2-3 workbook embedded in a Notes document if 1-2-3 is already running.

- You will not be able to open a 1-2-3 workbook from the command line if 1-2-3 is already running.

To solve these problems, run 1-2-3 from the same network drive you used when you installed 1-2-3.

Command-Line Parameters

To specify command-line parameters for 1-2-3 97, create a shortcut icon for 1-2-3 or add the parameter in an existing 1-2-3 shortcut. Right-click the shortcut icon and choose Properties. In the "Target" box, append the parameter to the command line. For example, C:\LOTUS\123\123W.EXE -q.

-d *directory* Specifies the directory for opening and saving workbook files. For example: C:\LOTUS\123\123W.EXE -d C:\LOTUS\123\MYFILES.

-lxx Specifies the language interface, where xx is a two-character ISO 639 language code. For example, C:\LOTUS\123\123W.EXE -len specifies an English language interface.

-q [*SmartMaster template*]
Skips the Welcome to 1-2-3 dialog box and the 1-2-3 97 splash screen and, optionally, opens a SmartMaster template.

If you use this parameter with a SmartMaster template, 1-2-3 creates a new document using the SmartMaster template and does not display the Welcome screens. For example, C:\LOTUS\123\123W.EXE -q INVOICE.12M opens a new workbook using the Invoice SmartMaster template.

The -w (to load a workbook) and -q parameters are mutually exclusive. The -w parameter takes precedence.

-s Skips the 1-2-3 97 splash screen.

-w *filename* Specifies the workbook file to be loaded. This parameter is optional: you can append the file name (without -w) if you use no other parameters. You can open only one workbook file at a time. If the file name contains spaces, you need to enclose it in double quotation marks (for example, C:\LOTUS\123\123W -w "My File.123").

-c Starts a 1-2-3 session exclusively for running scripts and macros. This allows you to also run a 1-2-3 session for doing your regular work at the same time you're running scripts and macros.

Compatibility

>1-2-3 and DDE

1-2-3 97 does not support Dynamic Data Exchange (DDE). If you open a 1-2-3 Release 5 file that uses @DDELINK, 1-2-3 97 changes @DDELINK to @DATALINK. If you re-save the file as a .WK4 file, @DDELINK will be saved. If links no longer update in 1-2-3 97, make sure the application that is the source of the data supports OLE linking.

>Opening dBASE and Paradox files

Using File - Open to open dBASE or Paradox files will not work if the path and file name contain spaces or are greater than 80 characters.

>Sharing files with previous release of 1-2-3

If you are working in a file that you plan to share with users of previous releases of 1-2-3, you must save the file in .WK* format and the file name must be 8 characters or less. You must also be sure that file references in this file refer to .WK* files only. For example, if you create a formula that refers to another file, the file being referenced must be in .WK* format. Otherwise, the file reference will not work in previous versions of 1-2-3.

>Maps

Because of changes to European and Australian map files in 1-2-3 97, European and Australian region names in 1-2-3 Release 5 files will not be recognized in 1-2-3 97. You can either recreate the maps using the new 1-2-3 97 map files, or copy the Release 5 map files from the EXTRA\123\MAPS directory on the 1-2-3 or SmartSuite CD-ROM. Copy the files, listed below, to the 1-2-3 Maps directory (typically, C:\LOTUS\123\MAPS).

Region	Files to copy
Australia	OZ.TV, OZ.TVC
Europe	EUROPE.TV, EUROPE.TVC
EUC	NUTS.TV, NUTS.TVC

>Embedding 1-2-3 workbooks in Word 97

Embedding 1-2-3 workbooks in Microsoft Word 97 will cause unpredictable results.

Display and Graphics Adapters

>High-contrast display and Help text

If you set your screen display to any of the High Contrast Black color schemes using the Control Panel (Display icon, Appearance tab), you are not able to see the text of the online Help. This is because the High Contrast Black color schemes set the window background to black, and the text of the Help is also black.

>Graphic objects and the ATI Mach 64 graphics adapter

With the ATI Mach 64 graphics adapter, graphic objects (shapes, arrows, text blocks, charts, and maps) with a background color and pattern will appear transparent if sized.

@Functions

Certain @functions in 1-2-3, such as @NUMBERSTRING, are intended for use in Chinese, Japanese, Korean, or Taiwanese language environments. To get a correct display of Kanji characters, for example, you must be using a double-byte enabled version of Windows 95 and 1-2-3 in one of these language environments. If you are not working in a double-byte enabled environment, the numeric value in 1-2-3 will be correct, but the display will use a fallback character.

LotusScript

>Approach objects in 1-2-3

If you have an Approach object, such as a query table, embedded in 1-2-3, and you edit the object out of place, do not attempt to run scripts in Approach. This could cause Approach, 1-2-3, or both, to perform unpredictably.

>1-2-3 LotusScript Technical FAQ

For more LotusScript information, see the 1-2-3 LotusScript Technical FAQ available on the Lotus Web site (www.lotus.com). Go to the page "Technical Help for SmartSuite and LotusScript" (www.lotus.com/smartsuite/21aa.htm). From here, click the link for LotusScript Frequently Asked Questions.

Undo

>Scripts and macros

You cannot undo scripts or macros.

Macros

>{COMMIT} and {ROLLBACK}

The {COMMIT} and {ROLLBACK} macro commands are not functional in 1-2-3. Instead, 1-2-3 commits changes automatically. You will not be able to roll back changes once they are completed.

>Creating text database files

Using the macro {DATABASE-CREATE-TABLE} to create a text file results in an error if the model table contains a numeric field. To work around this, enter data for the table definition in a range. Then use /Data External Create Definition Use-Definition to create the table definition based on this range. (You cannot use Create-Definition to create a table definition with numeric fields.) Then create the text file using /Data External Create.

Below is an example of a range containing data for a table definition, where NA is @NA entered in the cell.

Field1	VARCHAR	25	NA	NA	NA
Field2	DATE		NA	NA	NA
Field3	NUMERIC	10	NA	NA	NA

Corrections and Additions to Online Help

>Locked sheets do not hide hidden versions

In the topic "Details: Displaying a version," the first paragraph should read:

In a locked file, hidden versions don't appear in the list of versions. If all the versions in a range are hidden, the range name does not appear in the "Display version for range" list.

>Using macro Help in translated versions of 1-2-3

Help on macro commands is designed for use with the worldwide English version of 1-2-3. If you have installed a translated version of 1-2-3 and want to use the macro Help files (SSMN60EN.HLP, SSMN60EN.CNT), please note the following:

- * In Help Contents, the two macro command books, "Alphabetical List of Macros" and "Macros by Category" (and all information within these books) appears in English.
- * Some links and glossary pop-ups in macro Help will display errors because they refer to Help topics in the worldwide English version of 1-2-3.

>SmartMaster file type in LotusScript Help

In the topics "1-2-3: OpenDocument method", "1-2-3: OpenDocumentFromInternet method", "1-2-3: OpenDocumentFromNotes method" and "1-2-3: RangeCombine method," in the list of values for the *filetype* parameter, the file type "1-2-3 SmartMaster (12M)" should read "1-2-3 SmartMaster Template (12M)".

>MessageBox function and statement in LotusScript Help

In the topic "MessageBox function and statement in LotusScript" in LotusScript Help, the following information was omitted from the topic.

Elements (con't)

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default

Defines the default button in the message box. Pressing ENTER has the same effect as clicking the default button:

Constant name	Value	Default button
MB_DEFBUTTON1	0	First button
MB_DEFBUTTON2	256	Second button
MB_DEFBUTTON3	512	Third button

mode

Defines the message box modality

Constant name	Value	Description
MB_APPLMODAL	0	Application modal. Stops the current application until the user responds to the message box.
MB_SYSTEMMODAL	4096	System modal. Stops all applications until the user responds to the message box.

boxTitle

The string to appear in the title bar of the message box. *boxTitle* can be up to 128 characters in length.

Return value

The MessageBox function return value is an integer in the range 1 to 7, inclusive. This value indicates which button the user pressed in the message box, as shown in the following table.

Return value	Button	Constant
1	OK	IDOK
2	Cancel	IDCANCEL
3	Abort	IDABORT
4	Retry	IDRETRY
5	Ignore	IDIGNORE
6	Yes	IDYES
7	No	IDNO

Usage

The valid values for the *buttons*, *icon*, *default*, and *mode* elements listed in the preceding tables are defined as constants in the file LSCONST.LSS. If you want to use the constants instead of numbers, include this file in your script.

The Lotus product where you are running LotusScript may allow longer strings than described above for *message* and *boxTitle*. LotusScript will support longer strings for these items if the Lotus product does, up to 16000 characters.

Use the newline character (create it with Chr(10)) to force line breaks in the *message* element. Or use vertical bars or braces to specify a multiline string. If you don't force line breaks, the text wraps automatically in the message box.

>{MODELESS-DISPLAY}

In the topic entitled "{MODELESS-DISPLAY} and {MODELESS-DISMISS}," under "Arguments," the second sentence in the fourth paragraph should read:

If you omit *on-top*, the dialog box remains in the foreground.

Databases

>Working with query tables from 1-2-3 Releases 4 and 5

When you open a file from 1-2-3 Release 4 or 5 for Windows that contains a query table, the query table is converted to a range with data query properties. To work with the range as a data query table, you must use LotusScript or macro commands. Use the {SELECT} macro or the .SELECT method in LotusScript to select the data query table. You can then use macro commands or scripts to perform database commands on the data query table, such as refreshing and sorting.

To see examples of how to use LotusScript and to work with query tables, see the 1-2-3 LotusScript Technical FAQ available on the Lotus World Wide Web site. See "LotusScript" above for the location of the FAQ.

>Setting up external data connections

To work with the Microsoft SQL Server versions 4.2 and 6.0, you need to have the following files on your system:

NTWDBLIB.DLL
DBMSSOCN.DLL
DBMSPXN.DLL
DBNMP3.DLL
DBNMPNTW.DLL

For connections to Sybase System 10 and 11, the client version of Sybase must be installed on your computer.

To work with Paradox files, Borland Database Engine must be installed on your computer. Borland Database Engine comes with Paradox 7, or you can purchase it separately.

Once you install the appropriate files (with their corresponding registry entries), you can work with the dBASE IV, Paradox, and SQL Server 4.2 sources. However, you need to set up other sources. Open the 32bit ODBC icon in the Windows Control Panel. To add a driver for the data source you need, click Add, select the driver you want in the Add Data Source dialog box, and then click OK. Next, click Setup, and complete the ODBC Driver Setup dialog box for the driver you selected. See your system administrator if you need help.

After you complete the setup for your driver, you can access it. If you attempt to access an installed driver without completing the setup, you will get the error message "ODBC driver could not be loaded. You may be low on memory and need to quit a few applications." Disregard this message (low memory is not the cause), and, instead, make sure that all files are installed and that you completed the setup properly, as described above.

>Two phase commit

If you are using any of the transaction-based ODBC drivers that come with 1-2-3 (such as SQL Server 4.2, 6.0, or Sybase System 10), make sure Two Phase Commit is enabled for your registered Data Source Name (DSN). If you receive a message reporting that SQL_AUTOCOMMIT is false, you need to enable Two Phase Commit for your registered DSN. Open the 32bit ODBC icon in the Windows Control Panel and use Setup (Advanced Setup for some drivers) to select the Two Phase Commit option.

>Data external connection to Notes

The Notes ODBC driver will not function with any release of Notes prior to Notes 4.0. Consequently, trying to access any Notes 3.x file will have unpredictable results.

>Updating data in a transaction-based database

When updating data in a transaction-based database such as SQL Server, the records you are updating must contain unique entries. Note that SQL Server drivers do not use the Float data type to determine uniqueness. If you receive an error message reporting that "... no columns are useable for selecting a unique row," you need to include a unique field of a data type other than Float in the query table (or output range).

>Updating external SQL Server or Sybase database tables

You may get a "connection timed out" error message when updating or deleting records in an external SQL Server or Sybase database table. The message may appear because the found set is too large, the query criteria are too complex, or because of heavy network traffic.

If the found set is large, reduce the size of the found set and try the update again. If the query criteria are complex and include 1-2-3 @functions, simplify the criteria and then try updating or deleting again.

If network traffic is heavy, you can ask your system administrator to change the amount of time that 1-2-3 is set to wait for the network to respond before issuing a timeout error. This is controlled by the setting "UpdateTimeout=" in the ODBC configuration file for the driver (LOSS609.INI for SQL Server 6.0 and LOSS09.INI for SQL Server 4.2), located in the WIN95 or WINNT directory.

Number Formats

The number formats +/-, Automatic, and Hidden are no longer available in 1-2-3 97. When you open a 1-2-3 file from a previous release, numbers formatted with these formats are converted to General format. Numbers formatted as Hidden will remain hidden (hidden becomes a property of the cell instead of a number format). To redisplay numbers formatted as Hidden, use Range - Range Properties (Security tab) and deselect "Hide cell contents." Macros that use {STYLE-NUMBER-FORMAT} and {STYLE-NUMBER-FORMAT-RESET} to apply or remove +/- and Automatic formats will have no effect. However, you can use {STYLE-NUMBER-FORMAT} and {STYLE-NUMBER-FORMAT-RESET} to apply or remove the hidden property.

Add-ins

If you are running 1-2-3 from a CD-ROM (or other read-only medium), you cannot create an add-in unless you change the default add-ins path. Choose File - User Setup - 1-2-3 Preferences, and click the File Locations tab.

In the "Add-ins" box, change the path to a location on your hard disk (or to any location to which you have write access).