Welcome to Lotus Approach 2.1 for Windows!

Lotus Approach™ 2.1 for Windows Release Notes

dBase III, dBase IV, and FoxPro Index Support
Lotus Approach 2.1 for Windows maintains indexes for dBase III+ and IV and FoxPro 2.0. To include an index from these applications, choose Database Options while in Design. Click the Indexes button, then the Add button, and select the index or indices to be maintained.

dBase Network File Sharing Method
Make sure all the users are set to the same dBase file sharing method. Lotus Approach 2.1 for Windows defaults to dBase IV. To change the dBase networking protocol to the dBase IV method, use a text editor to change the dBaseFileSharingMethod line in the Approach.ini file so that it reads dBaseFileSharingMethod=DBASE4. Older versions of Approach for Windows defaulted to dBase III+. To use a dBase III+ file sharing method, edit the dBaseFileSharingMethod line so it reads dBaseFileSharingMethod=DBASE3.

Paradox Sort Order
There is a parameter in the [Approach] section of APPROACH.INI called sParadoxSort. When using Lotus Approach 2.1 with Paradox files, this parameter should be set to the same sort order as Paradox. If Paradox files are not being used, the defaults are:
    US English release: sParadoxSort=ASCII
    Swedish or Finnish: sParadoxSort=SWEDFIN
    Norwegian or Danish: sParadoxSort=NORDAN
    All others (including UK English): sParadoxSort=INTL

Open DataBase Connectivity (ODBC)
Lotus Approach 2.1 supports drivers that meet the Microsoft Open Database Connectivity (ODBC) specification. ODBC drivers must be installed using the ODBC Driver Manager. The ODBC Driver Manager can be obtained from Microsoft or ODBC driver vendors. The ODBC drivers can be obtained from various sources including database vendors and ODBC driver vendors. Note: Most ODBC drivers have not been certified with Lotus Approach 2.1. Lotus does not provide technical support for these drivers.

Although ODBC allows connectivity to many different kinds of data, performance may be better using the direct Lotus Approach PowerKeys included with Lotus Approach 2.1. Lotus Approach 2.1 provides PowerKeys for dBase III+ and IV, Paradox, FoxPro, SQL Server, Oracle, and DB2.

SQL Server and Oracle Read Only Default
Lotus Approach 2.1 for Windows can create and open SQL Server, Oracle SQL as well as many types of files using ODBC. The default is to open these files as read-only. This also prevents the creation of SQL Server, Oracle and ODBC connected files. To change this default to read / write, and also allow the creation of new SQL Server, Oracle, and ODBC connected files, modify the Approach.ini file. The Approach.ini file can be found in the Windows directory.
Modify the following lines in the Approach.ini to read:
    [SQL]
    ; To be able to write to SQL databases, set ReadOnly to 0.
    ReadOnly=0

International Characters
There are two supported types of characters, ANSI (Windows) and OEM (DOS). National characters (like the German ü, or the French accented characters like é) are stored differently in these two character types. A German ü stored in an OEM file will not appear as an ü when the same file is opened as an ANSI file. Most DOS applications (like dBase and Paradox) store files in OEM. Most Windows applications store files in ANSI.

```
sDefaultDataType=OEM
sDefaultDataType=ANSI
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There is an Approach.ini parameter called sDefaultDataType. Set this parameter equal to OEM to create Paradox and dBase databases in the OEM character set (during Export, Save As, and New). Set the parameter to ANSI to create Paradox and dBase databases in ANSI.

When using only Lotus Approach, and not dBase or Paradox, set sDefaultDataType=ANSI. When using Lotus Approach files with a DOS application like dBase or Paradox, set sDefaultDataType=OEM. If unusual characters appear in Lotus Approach after opening a database created by dBase or Paradox, change the ANSI/OEM setting in the Database Options Dialog. If unusual characters appear when using dBase or Paradox to open a database created by Lotus Approach, set sDefaultDataType=OEM, open the file in Lotus Approach and export it. Note: The sDefaultDataType parameter is not used when creating Oracle, SQL Server, or Lotus 1-2-3 files.

Network or Other Drive Installation
Installing Lotus Approach 2.1 for Windows on a network.
1) Place the diskette in the drive. From the Run prompt in File Manager type: **A:install /n or B:install /n.**
2) The default will install Lotus Approach for Windows to the first network drive in the drive path. You may change it to another network drive.

Setting up a node to run the networked version of Lotus Approach 2.1.
1) On the node machine, use choose Run from the Program Manager in Windows and go to the network drive and directory where Lotus Approach has previously been installed with the /n option.
2) Click on Install.exe and click OK.
3) If the node machine has not had Lotus Approach installed, running Approach.exe from the network drive and directory where Lotus Approach 2.1 has been installed with the /n option, will run the node installer.

If you encounter an error that an invalid path has been entered for the Approach licenses, be sure that the path you enter is a root-level directory of a shared drive; for example, F:\LOTSHARE.

Performing a workstation installation to a shared directory is not recommended. Installing Lotus Approach 2.1 without using the /n option, performs a workstation installation. The workstation installation is designed for one copy of Lotus Approach to be used on one workstation. Performing a workstation installation to a shared directory can cause problems when users try to share SmartIcons.

A distribution copy of Lotus Approach can also be placed on the net to allow installations. To do this, create a directory called Disk1 and another directory called Disk2. These directories need not be at the root level of the networked drive; however, they do need to be at the same level in the same subdirectory. Next, xcopy the contents of the first installation disk, Disk1 to the network directory called Disk1. Do the same for Disk2. You may now run the install program, in the Disk1 directory, from Windows.

MISCELLANEOUS RELEASE NOTES
Approach 1.0x .vew files opened and saved with Lotus Approach 2.1 for Windows will be converted to Lotus Approach 2.1 format. Once, converted the .vew will not open in Approach 1.0x. The data files are not converted and will open in the older versions.

International
When using Lotus Approach 2.1 for Windows with a country setting other than United States,

note the character in the List Separator box in the International section of the Windows Control Panel. This character, usually a ',' or a ';', should be used in place of the United States List Separator, the comma. Use the list separator in formulas, dates, and anywhere else they are required.

Share
Share.exe is not installed by Lotus Approach 2.1. Some peer-to-peer networks like Artisoft's LANtastic require Share for Lotus Approach 2.1 multi-user functionality. To Install share.exe, place the following line at the end in the config.sys file:
Install=C:\DOS\SHARE /F:4096

In some cases you may need to expand the allocated space (in bytes) that DOS uses to record file sharing information. While the default is 2048, we recommend that you use at least 4096. The correct syntax for the autoexec.bat is C:\DOS\SHARE /F:4096. The correct syntax for the config.sys is Install=C:\DOS\SHARE /F:4096.

Oracle SQL and Windows 3.0
When using Oracle with Windows 3.0, it is best to run in Windows Standard Mode. There is a problem with Oracle SQL*NET and Windows 3.0 when in enhanced mode. These problems should not occur with Windows 3.1.