Lotus Approach 3.0
Release Notes

Lotus Approach 3.0 release notes are divided into the following sections:
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1. DOCUMENTATION UPDATES
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Steps for using Fill Field in a Worksheet may be unclear. Step 2 of the documentation instructs you to: "Click in a field you want to fill." This works for a form, report etc. but not in a Worksheet. In a Worksheet, you must click the entire column before you can choose Fill Field from the Worksheet menu.

Page 16-16
The graphic of the Send Mail dialog is incorrect.   Generally, there will be three buttons on the Send Mail dialog: Mail, Route and Cancel (This graphic may vary according to your specific mail
package.) Click Mail to specify the recipients and send the mail. Click Route to route the mail sequentially to additional recipients. Once you receive the routed mail, choose Send Mail from
the Approach File menu to route it to others on the routing list.   You might want to include information in the mail message alerting recipients about this step.

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The paragraph beginning: "Notes routes the message to the first..." is incorrect. Notes will not
automatically prompt the first addressee in the routing list to send the message on to the second
addressee. Instead, the first addressee must detach or launch the Approach APT file and then
choose Send Mail from the Approach File menu. This will bring up a dialog with the name of the
next addressee in the routing list.

2. LOTUS 123 AND LOTUS NOTES
Installing Lotus 123 version 4.01 after installing Lotus Approach 3.0
When Lotus 123 version 4.01 is installed after Lotus Approach 3.0, add the following line to the 123r4.ini Autoload Addins section:
    l1wapmnu.dll=C:\Approach\,1,0,0

Installing Lotus Notes after installing Lotus Approach 3.0
When Lotus Notes is installed after Lotus Approach 3.0, do the following two steps to allow opening Lotus Notes files:
1. Add the directory for Notes to your path statement in DOS.
2. Delete the file called PowerKey.dat in your Approach directory.

Lotus Notes and Server not in Domain
If you are trying to connect to a Lotus Notes server which is not in your domain, select Lotus Notes Server in the List of File Types drop down list and click the Setup up button. Type in a name that describes the data source in Data Source Name. Type the server name into the Server Section and the .nsf file name in the Database section.

Lotus Notes Forms with more than 255 columns
Lotus Approach 3.0 may not open Lotus Notes Forms that contain more than 255 columns.
You may get the error: Error -1, error opening database.

3. CLIENT SERVER
Automatically connecting to Oracle or SQLSVR files.
To have a Lotus Approach 3.0 Apr file automatically log in to Oracle or SQLSVR when it is
opened, place the following line after Approach.exe in the Windows Properties Command
Line:
> /USER=UserName /PWD=Password

Connecting to IBM DB2/2
When logging into DB2/2, you may get the log in prompt twice. To remedy this problem,
obtain
the IBM Client Application Enabler / Dos Version 1.2 from IBM.

Multiple Tables in an Oracle View
Lotus Approach 3.0 currently does not support Oracle views based on more than one
database.

4. INSTALLATION AND NETWORKS
OS/2 / Multi-configuration Users
In the course of installing Lotus Approach 3.0, the install program may offer to update the your
PATH statement in the autoexec.bat file. If you respond "Yes," the install program updates
only the first path statement it encounters. This means that any DOS release that supports
multiple configurations, and has multiple path statements specified in the autoexec.bat file,
may not have the correct path updated. You should examine the autoexec.bat file after the
install is complete to verify that the path for the configuration under which you are running
was updated by Lotus Approach 3.0 install.

Peer-to-peer networks (i.e. Windows for Workgroups or LANtastic)
If you do a server/node installation and one of the following error messages occur:

> "Cannot Find License Directory"
> > or
> "No License Directory Found"

These errors occur because Lotus Approach 3.0 cannot find the license directory,
LOTSHARE.

When you launch a server edition of Lotus Approach 3.0 on a peer-to-peer network, the
program looks for the LOTSHARE directory on the hard drive of every computer connected
via the network and not the local hard drive. Therefore you may get a message that states
Lotus Appraoch 3.0 can not find the LOTSHARE directory.

To work around the issue, you should place a copy of the local LOTSHARE directory to
another computer in the network group. The second computer can act as a Lotus Approach
3.0 node as long as it has access to the LOTSHARE directory on the network server. For
example, to have two computers each running a node version of Lotus Approach 3.0, the
following conditions must be met:
1. Both computers must have a LOTSHARE directory.
2. Both computers must have access to the other computer's hard drive. (This enables each
computer to find the LOTSHARE directory on the other computer's hard drive.)

Installing Approach 3.0 when running Windows from a server
If you should get the installation error message "Install Files have been modified or corrupted.
Could not create directory '*directory letter*'", you may have a direct mapping of a drive to

Windows and are connected with read and write privileges. Lotus Approach 3.0 must be installed without write privileges when the Windows directory has a direct mapping. Also, if you install Lotus Approach 3.0 while logged into the Server with read and write privileges to a server based Windows directory, the .ini and .dll files will be written into the Windows directory on the Server. If you do not want this to happen you must be logged into the Server with read only privilege to the Windows directory on the Server. The Approach installation will then write these .ini and .dll files into the Approach directory, if you are installing it as a Server application. If you are installing Approach as a stand alone application, the .ini and .dll files will be copied into your personal Windows directory.

Installing Lotus Approach 3.0 with another Lotus application installed as a server application
If you should get the installation error message "Unable to create file... Install Failed", you may
have other Lotus applications already installed as a Server application. There is a shared Lotusapp directory on the Server. In the Lotus.ini file located in the your windows directory (be it
local or in your directory on the net) the line that reads Common Directory= must point to your directory and not a main network drive for the directory LOTUSAPP.

Open the Lotus.ini file located in the user's windows directory. Change the line that reads:

Common Directory=f:\lotusapp   (f:\ is a network drive)
                                                  to
Common Directory=u:\lotusapp (user's personal windows directory on the net)
                                                  or
Common Directory=c:\lotusapp (local hard disk)
                                                  or
Common Directory=c:\windows\lotusapp (local hard disk)

Note: Your Lotus.ini file may read slightly different.
Note: If there is a line in your Lotus.ini that reads:
Net Common Directory=
Do not change it. This line must point to the shared Lotusapp directory on the net.

Lotus Approach Install
After installing the node version of Lotus Approach, you may notice that the Customer Support help option under the help menu is not available. Also, Chart help and Mail help may not be available.
If this happens, do the following:
      1. CD to your Windows directory.
      2. Edit WINHELP.INI and put the following lines in it, substituting X for your network common directory:
ltsmail3.hlp=c:\X\lotusapp\help
ltssuppt.hlp=c:\X\lotusapp\help
ltscnrt1.hlp=c:\X\lotusapp\help

If after installing Lotus Approach no help is available, check approach.ini in your windows directory. Ensure the followinh line is present:

iHelpInstalled=1

5. OPTIMIZATION TIPS
Smart Indexing
Lotus Approach 3.0 automatically creates indexes when a find or sort is done. You do not have to create indexes for individual field manually. Indexes significantly speed up finds and sorts.

Windows Swap File
You may enhance the performance of Approach 3.0 by enlarging your Windows Swap file.
This can be adjusted in the 386 section of the Windows Control Panel.

Macro Finds and Sorts
Finds and Sorts in a macro will take less time when both commands are placed on
consecutive lines in the macro dialog.

6. MISCELLANEOUS NOTES

Approach 3.0 requires share
Share.exe is installed by Lotus Approach 3.0. Earlier versions of Lotus Approach did not
install share; however, OLE2 requires Share. We recommend that you use at least 4096. The
correct syntax for the autoexec.bat is C:\DOS\SHARE /F:8192.

FX Update Macro
To enable a macro to start up when an Approach 3.0 FX object is edited in Lotus Notes, and
engage Lotus Notes Field Exchange (FX), name the macro 'FXUpdate'.

dBase III, dBase IV, and FoxPro Index Support
Lotus Approach 3.0 for Windows maintains indexes for dBase III+ and IV and FoxPro 2.0. To
include an index from these applications, choose Preferences, then the Index tab. Press the
Add Index button, and select the index or indices to be maintained. This is supported in the
English language version only.

dBase Network File Sharing Method
Make sure all the users are set to the same dBase file sharing method. Lotus Approach 3.0
for
Windows defaults to dBase. This is the recommended method. If you would like to change
the dBase networking protocol to the dBase IV or dBase 3+ method, use a text editor to
change the sdBaseFileSharingMethod line in the Approach.ini file so that it reads
sdBaseFileSharingMethod=DBASE4 or sdBaseFileSharingMethod=DBASE3.

Paradox Sort Order
There is a parameter in the [Approach] section of APPROACH.INI called sParadoxSort.
When
using Lotus Approach 3.0 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
There is also a setting in the Index section of Preferences to change the index case
sensitivity. You must have a Paradox file open in Lotus Approach 3.0 to see this setting.

Open DataBase Connectivity (ODBC)
Lotus Approach 3.0 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. Lotus
Approach 3.0 installs the Microsoft Access ODBC driver. The ODBC drivers can be obtained
from various sources including database vendors and ODBC driver vendors. Note: Many
ODBC drivers have not been certified with Lotus Approach 3.0 and Lotus does not provide
technical support for these drivers.

Although ODBC allows connectivity to many different kinds of data, performance will be better
using the direct Lotus Approach PowerKeys included with Lotus Approach 3.0. Lotus
Approach
3.0 provides PowerKeys for dBase III+ and IV, Paradox, FoxPro, SQL Server, Oracle, Lotus

123, and DB2 using the MDI Gateway.

SQL Server and Oracle Read Only Default
Lotus Approach 3.0 for Windows creates, deletes, and opens SQL Server, Oracle SQL tables as well as many types of files using ODBC. There is a default setting in Lotus Approach 3.0 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 make SQL databases read only, set iReadOnly to 1.
> iReadOnly=1

You may also open a SQL Server or Oracle file you want to work on and choose Preferences, Database and change the ReadOnly setting.

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

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 3.0 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 section of Preferences. 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.

When using Lotus Approach 3.0 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.

Previous versions of Approach
Approach 1.0x and 2.x .vew files opened and saved with Lotus Approach 3.0 for Windows will be
converted to Lotus Approach 3.0 format. Once, converted the .Apr will not open in Approach 1.0x or 2.x The data files are not converted and can open in the older versions if the adx file has been removed.