

Note: Before using this information and the product it supports, read the information in "Notices" on page 33.

Second Edition (October, 2006)

This edition applies to IBM® Lotus® Notes® 7.0.1 for Linux, and to all subsequent releases and modifications, until otherwise indicated in new editions.

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About this release

Welcome to IBM Lotus Notes for Linux

Welcome to the IBM® Lotus® Notes® for Linux software product. This is the first release of Lotus Notes for Linux, bringing the world's leading products for information management, messaging, and collaboration to the Linux platform. The Notes 7.0.1 release provides the rich functionality of the Notes client to the Linux platform, using the Workplace Managed Client platform to host these capabilities. For an overview of the features in this release, see the "About this release" chapter of these release notes.

Before installing, please review the "Installation, migration, upgrade, and configuration information" chapter of these Release Notes.

To ensure that you have the very latest version of the Notes and Domino Release Notes, please visit the Lotus Documentation page at:

<http://www.lotus.com/ldd/doc>

Using Notes for Linux

Notes for Linux operates in a way similar to the Notes Client on Windows, but is hosted with the Workplace Managed Client platform. The Notes applications may be accessed through the Notes Application navigator or from the Workspace.

Once the Notes Application is active, the menus available to the Notes Client will also be available from within the Managed Client while the tabbed pages are showing Notes content.

Installation, migration, upgrade, and configuration information

Software requirements

System requirements

This release of the Notes client on Linux requires a Workplace Managed Client platform image which is supplied to host Notes as a plug-in. The forthcoming release of the Workplace Managed Client will also be able to host Notes as a plug-in, in a similar manner to the Windows Notes application plug-in. To use Notes for Linux, the following requirements must be met:

RedHat Linux Release 4, Update 3

- Installation of the WMC platform and Notes Application Plug-in on the same machine
- RedHat Linux Release 4, Update 3
- Gnome Desktop version 2.8.0-5
- Window Manager Metacity 2.8.6-2.8
- Notes Domino Server running 6.5.4 or higher
- Mozilla 1.7.12
- Minimum System Memory - 512 MB (recommended 1 GB)
- Disk space - 2 GB on the partitions where the product is installed to

SUSE Linux Enterprise Desktop (SLED) 10

- Installation of the WMC platform and Notes Application Plug-in on the same machine
- SUSE Linux Enterprise Desktop (SLED) 10
- Gnome Desktop version 2.12.2-25.2
- Notes Domino Server running 6.5.4 or higher
- Mozilla 1.7.12 - gtk
- Minimum System Memory - 512 MB (recommended 1 GB)
- Disk space - 2 GB on the partitions where the product is installed to
- Required RPM files for SLED 10.
 - FileName: compiz-cvs_060616-1.17.i586.rpm
 - FileName: metacity-2.12.2-29.i586.rpm
 - FileName: xgl-cvs_060522-0.13.i586.rpm

These RPM files are located in the `Notes_linux_sled10_patch_Oct16.zip` file. You can download this patch from the following website:

ftp://ftp.software.ibm.com/software/lotus/fixes/notes/Notes_linux_sled10_patch_Oct16.zip

Run the following commands:

```
#su - root
#cd /tmp
#unzip Notes_linux_sled10_patch_Oct16.zip
#cd /tmp/sled10/
#rpm -Uvh compiz-cvs_060616-1.17.i586.rpm
#rpm -Uvh metacity-2.12.2-29.i586.rpm
#rpm -Uvh xgl-cvs_060522-0.13.i586.rpm
```

Note: Metacity, XGL, and Compiz files can also be downloaded from the Novell update site. To get updates from the Novell site, you must register your desktop.

Installation notes

Installation instructions for Notes for Linux

In order to be able to use Notes for Linux it is necessary to install the framework of IBM's Workplace Managed Client. These components are supplied as part of Notes for Linux, but as a separate image. The following sections provide details of the components supplied, and how to use them to install Notes for Linux.

- `personality.zip`

This .zip file contains the installation framework for IBM's Workplace Managed Client. It contains all the necessary components to install the framework, as well as the Notes installation package. This file may be unzipped to either a local drive or to a Linux file server. It contains an updateSite directory that contains all the Workplace features and plug-ins needed by Notes. It also contains a deploy directory that controls the provisioning of the features in the updateSite.

- `setuplinux.bin`

This file contains the Notes components to enable Notes for Linux. It is a self-contained installation file, but is recommended to be installed using the deploy directory provided within `personality.zip`. To do this, refer to the instructions below to place the file in the appropriate directory.

Installation steps

1. Login as a non-root user.
2. Unzip the file `personality.zip` as non-root user into a directory such as "plugin" in a user's home directory or other working directory. This could be a network-mounted directory if you want many machines to be able to install from one updateSite.

```
#unzip Personality.zip -d plugin
```

3. Place the `setuplinux.bin` file in the correct directory, removing any existing one.

```
#cd  
plugin/updateSite/features//com.ibm.workplace.notesinstall.linux.feature_7.0.1.0000-0900/bin/linux/
```

```
#rm setuplinux.bin
```

Copy the new `setuplinux.bin` file inside the above directory.

4. Choose the location for the Workplace Components

The default location for these components is `/opt/IBM`. To use this location, ensure the permissions are set to 777 for the "IBM" directory. If this is not desired, please choose a location that is writeable, such as within the user's home directory.

5. Before installing verify that Mozilla has been registered with the GRE registration, to do this:

```
#cd /etc/gre.d  
#cat /etc/gre.conf
```

The content should include an entry similar to this:

```
[1.7.12]  
GRE_PATH=/usr/lib/mozilla-1.7.12.lwp
```

If this does not exist refer to troubleshooting section for details on how to download the appropriate Mozilla version and configure this file

6. Start the installation process, first ensuring that the `setup_wct_platform.bin` has execute permissions, by using the `chmod` command.

```
#cd plugin
```

```
#chmod 777 setup_wct_platform.bin
```

```
#!/ setup_wct_platform.bin
```

7. The Notes Installation process:

- Select **Next** on the Welcome screen
- The Software License window comes up, Select "**I accept both the IBM and the non-IBM terms**".
- The Installation window with the Workplace Managed Client directory comes up; make sure to choose a location that the user has write permission to.
- Choose the defaults and Click **Next**, or choose another writeable directory and Click **Next**
- Click **Next** to start the installation on the window confirming that the Lotus Notes Plug-in will be installed.
- Once the installation is done, a window appears saying that the files have successfully installed. Click **Next** to start the Workplace Managed Client setup.
- You will then see the provisioning system provision the features and plug-ins needed for Notes.
- When it provisions the feature containing the Notes installer, you will be presented with the license agreement for Notes. Select "**I accept the terms of the license agreement**" and Click **Next**.
- Once you click Next, the Notes Plug-in starts installing.
- Once the installer is finished, the wizard will require you to logout and log back in to get the Notes environment variables set.
- Click **Finish**, and click **Finish** again.
- Log out from the User session and log back in as the user you just installed Notes under.

8. SUSE Linux Enterprise Desktop (SLED) 10 only

- Apply the software patch `Notes_linux_sled10_patch_Oct16.zip`, provided by IBM. See "System requirements" in these release notes for information about downloading this patch from the IBM Support website, and applying it to your system.

FileName: `patch701_Oct16`

Location: `ftp://ftp.software.ibm.com/software/lotus/fixes/notes/Notes_linux_sled10_patch_Oct16.zip`

- Copy the patch zip file to `/tmp` directory and Apply Patch as non-root user:

```
#cd /tmp
```

```
#unzip Notes_linux_sled10_patch_Oct16.zip
```

```
#cd /home/<username>/notes
```

```
#patch -p1 < /tmp/sled10/patch701_Oct16
```

9. Once you have applied the patch, when you log back in you should have an **IBM Lotus Notes** icon on your desktop; double-click the icon. The Notes personality of the Workplace Managed Client will start using the Notes for Linux plug-in. Notes setup will start, with dialogs asking for your Notes user information. Once you configure Notes with the appropriate information, you are able to use Notes for Linux.

Server provisioned installation of Notes for Linux

To use Notes as a plug-in for Linux requires the use of a Workplace 2.6.1 server. The following directions for setting up the server to correctly provision the Notes plug-in for Linux to the user's machine assumes the Workplace server is version 2.6.1 or later.

By default, when a Workplace Managed Client Server Client Install (SCI) package is installed on a Workplace Collaborations Services server, the ability for a user to provision the Notes Application Plug-ins from the server is restricted to Windows client machines. The following describes how to modify the Workplace Server environment to enable users to provision the Notes client from a Linux client:

1. Setup the Workplace Server following the usual procedure(s).
2. Create a text file called **install.properties** that contains the following lines:

```
install.enable=true
install.exec.command.linux=bin/linux/setuplinux.bin -W
  welcome.active=False -W destination.active=False -W datadir.active=False
  -W preview.active=False -W summary.active=False -W bean6.active=False -W
  bean7.active=False -W bean10.active=False
install.binary.linux=bin/linux/setuplinux.bin
```

and copy it to the following HTTP Server directory:

```
<drive>:\IBMHttpServer\
htdocs\en_US\lwpupdate\wct\features\com.ibm.workplace.notesinstall.linux.feature_<version####>
```

Note: The default `install.properties` file (located in the above directory) has only `install.enable=false` in it. It can be renamed, or deleted and replaced with the text file you create above. The following describes the changes to this file:

```
install.exec.command.linux - defines what the command line statement is to execute the
installer
install.binary.linux - defines the name of the executable (full path)
install.enable - set to "true" or "false" that determines whether the install is executed
```

3. Copy **setuplinux.bin** for the desired build to the following HTTP Server directory:

```
<drive>:\IBMHttpServer\
htdocs\en_US\lwpupdate\wct\features\com.ibm.workplace.notesinstall.linux.feature_<version####>\
bin\linux
```

Note: Delete or rename existing `setuplinux.bin` that resides in this folder if there is one. Ask your administrator where to find `setuplinux.bin` for the desired build.

4. Since `setuplinux.bin` is a large file, please consider possible network impact in how initial deployment is made within an organization.

"Cannot validate Mozilla version" error on install

When installing Notes for Linux to a Linux workstation, the error "Cannot validate Mozilla version" indicates that version 1.7 of Mozilla with GTK2 binding is not installed on the workstation, or it is not installed in the expected location.

The file `/etc/gre.conf` contains information on the Mozilla version and the variable `GRE_PATH` whose value should point to the directory location where the appropriate Mozilla version has been installed. In a default RedHat installation, this file contains the following information:

```
[1.7.12]
GRE_PATH=/usr/lib/mozilla-1.7.12
```

Workaround

To fix this error do the following:

1. Download Mozilla 1.7 for RedHat from the following FTP URL to a temporary directory:

```
http://releases.mozilla.org/pub/mozilla.org/mozilla/releases/mozilla1.7.12/contrib/mozilla-i686-pc-linux-gnu-1.7.12-gtk2+xft.tar.gz
```

2. Uninstall any previous versions of Mozilla
3. Extract the contents of this file to the `/usr/lib/mozilla-1.7.12` directory as the root user
4. Create or update `/etc/gre.d/gre.conf` to have the first two lines as below:

```
[1.7.12]
GRE_PATH=/usr/lib/mozilla-1.7.12
```

5. Reinstall the Workplace Managed Client platform

Alternatively, install Mozilla RPM manually:

1. Download (or copy from RH4U3 Installation Disk 3) Mozilla RPM file (`mozilla-1.7.12-1.4.2.i386.rpm`)
2. Right click the Mozilla RPM file in a file browser; in the context menu, select the "Open with 'Install Packages'" item
3. Provide the root password to install packages
4. After RPM installation, reinstall the Workplace Managed Client platform

Upgrade notes

Connecting to a Workplace Server

A menu option is provided to connect to a Workplace Provisioning server. This option can be used to upgrade this standalone configuration, to provide access to all Workplace applications. For details on how to use the Workplace Provisioning server, please refer to the Workplace Managed Client Help documentation.

Using the "Check for Updates" menu option

A "Check for updates" menu item has been added that enables the Notes for Linux installation, from a CD-ROM or from a file system server, to search for updates. For clients installed from a CD, selecting this action will look for updates on a CD or fileserver. The location from which to obtain updates matches the location from which the client was first provisioned. For example, the location from which CD-installed updates are obtained is typically the updateSite directory on the CD.

Uninstallation information

Uninstalling Notes for Linux

Login as either the user who installed the software or root.

In order to uninstall the products, there are uninstallers provided.

To uninstall Notes

Locate the directory where Notes has been installed and the sub-directory _uninst.

```
# cd ~/notes/_uninst  
# ./uninstaller.bin
```

To uninstall the WMC components

Locate the directory where WMC has been installed and the sub-directory _uninst.

```
# cd <WMC install directory>/_uninst  
# ./uninstaller.bin
```

In both cases, dialogs appear in which you can continue clicking 'Next' until the uninstallation is finished. There is a choice of whether to remove user data as part of the uninstall.

Known limitations, problems, and workarounds

Limitations

Feature limitations of Notes for Linux

Following are the limitations of IBM Lotus Notes for Linux:

1. Integrated Instant Messaging is not provided with this release.
2. Java Applets are not supported on Linux, however Java agents are available.
3. There are no toolbars provided with Lotus Notes for Linux, however all options are available through the menu system.
4. It is not possible to configure the Default page when using Notes for Linux.
5. The Startup folder bookmarks are available, but not enabled.
6. Object creation is not supported on Linux, because Linux does not support OLE technology.
7. Lotus Notes Access for SAP solutions - This feature is only available on Microsoft Windows.

Attachment viewing limitations

Following are the known limitations using and viewing attachments:

- **Viewer for .sxi, .sxw, and .sxc files may not be presented correctly**
Sometimes, files with the above extensions can not be viewed, or may be presented incorrectly, for example, without pictures, tables, charts, etc. Open Office document viewing will display text only -- this is currently a software limitation of our viewers.
- **Problem opening an attachment with an application which is not in the default application list**
If the default application list does not contain the application desired, it will not be listed when the attachment is right clicked and Open With is selected.
- **Creating an attachment triggers a warning dialog when the filename box is blank**
If you leave the filename box blank when creating an attachment (File -> Attach), a warning dialog saying the "function is inappropriate for file system directories" will appear. Workaround by clicking OK and then re-attempting to attach a file, this time specifying a filename.
- **Editing an XLS attachment with graphics , then subsequently viewing it causes a crash**
Viewing or importing an attachment with a .xls file extension with graphics, which has been modified by OpenOffice, may cause a crash

Behavior of the window manager differs from Windows to Linux

The behavior of the window manager is different on Notes for Linux, versus Notes on Windows, in the case where a user tries to activate the owner window of a modal dialog. On Linux, the owner window will be activated (the title bar will be highlighted), while on Windows it is not active and the title bar remains gray. The importance of this relates to keyboard input, as no keyboard input is accepted in Notes until the dialog is activated.

For other GNOME applications, for example `gedit`, when the owner window is highlighted, the keyboard input will be re-directed to the modal dialog, although the modal dialog shows a gray title bar then. Another possible difference is, by default on Windows, double-clicking on the title bar will maximize or restore the window, but on Linux this will roll-up or restore the window.

Cancel during Notes installation may cause crash

Cancelling during the initial installation of Notes may cause a crash when exiting from Workplace. This will also cause NSD to run.

Cannot Undo text color

The text formatting option "Change text color" cannot be reversed using the 'Undo' option; the text remains selected.

Color print and paper source selection has limitations

You cannot select paper sources, and color printing is not supported.

Creating image resources from a .PNG file is not supported

In the Notes Linux client, the item 'Create/Image Resource' opens a dialog for creating an image resource. Clicking the "New" button in the resulting dialog opens a dialog listing all acceptable graphic files on the system that could be used to create an image resource. .PNG files are not listed in this dialog, and are not supported as sources for creating new image resources.

Designer Client and Admin Client not supported on Linux

The Notes Designer Client and the Notes Administrator Client are not supported on Linux in either the provisioned or the CD installations. These clients must be used on a Win32 machine instead.

Drag-and-drop has limitations

There are several known limitations with the drag-and-drop capability, as detailed below:

- **Drag-and-drop a Notes document from Notes to a Linux folder or desktop** - In Windows, this results in a shortcut link being placed in the folder. This feature relies on OLE, a Windows-specific protocol and will not be available for Notes for Linux.
- **Drag-and-drop via right-click of the mouse** - Dragging/Dropping using the right mouse button is not supported in Notes for Linux. Please use the left mouse button.
- **Drag-and-drop an attachment to an unopened OS folder** - Try to point to the folder which is currently open, not the folder under the drag cursor.
- **Drag-and-drop in progress grabs the keyboard** - When on Windows, ALT+TAB will switch to another application but on "X" nothing happens. This is inconvenient if a user wants to bring up another window, but this is the same behavior as other GNOME applications, such as gedit.

Import limitations and problems

Following are the issues associated with file importing:

- **Cannot import .swc, .swx, .swi files to rich text fields**
Importing a file with an extension type of .swc, .swx, or .swi to a rich text field does not work. Although the dialog appears and you can click the button to create a file import, importing the file does not function.
- **When file type is Lotus PIC, don't select another type**
When importing a file to a document, if the File Type is Lotus PIC, but you select another type of file (abc.txt or abc.jpg), you will get an error:



- **Importing data into a view**
Data may still be imported into a view when cancelling the import operation.

International support issues

Following are the international support issues:

User interface

- **Unnecessary scroll bars appear in Preferences** : For Japanese mail template users, opening Calendar, and choosing "Actions -> Tools -> Preferences" or "Tools -> Preferences" from the Action menu button, will display 2 unnecessary scroll bars in the Preferences window.
- **String truncation in "Customize View"**: For German language versions, there is a truncated string in the "Customize View" dialog.
- **File type with Simplified Chinese string will display incorrectly after selected a file in a list** : For Simplified Chinese language versions, opening a database document, clicking "View -> Image Resource", and choosing the "New" button, brings up a drop-down list for "File Type"; Simplified Chinese strings will display incorrectly after selecting a file in this list.
- **GB18030-encoded file in a document will display incorrectly when viewed with locale setting zh_CN.UTF8**: If you attach a GB18030-encoded file in a document, it will display incorrectly when you view the file in Note, in the zh_CN.UTF8 locale; if the file is UTF-8 encoded, there is no problem.
- **Truncated button during installation** .:The button "English" in the license agreement is truncated during installation to a German locale.
- **Menu items display issue**: Menu items ("About IBM Workplace", "Update . . .", "Connect to Server") will still display in English if a user has installed IBM Lotus Notes Client for Linux to the en_US locale, then switched to other locales. If a user installs to another language locale, there is no such issue.
- **Text Properties issues**: Bold type will not take effect for Simplified Chinese characters.

Accelerator key support issue

Language	Read mode	Edit mode
Brazilian Portuguese	Ctrl+E could not switch document into Edit mode.	Ctrl+E will call "Text Properties" though this is not expected. It should switch document into Read mode.
French	Ctrl+e and Ctrl+E could not switch document into Edit mode.	Ctrl+E could not save document.
German	Ctrl+E could not call "Find/Replace".	Ctrl+E could not call "Find/Replace".
Simplified Chinese	Ctrl+E will call "Find/Replace" though this is not expected. It should switch document into Edit mode.	Ctrl+E will call "Find/Replace" though this is not expected. It should switch document into Read mode.

Input Method support issues

- **Simplified Chinese IME support issue in "New Database" dialog:** In the "New Database" dialog, a user needs to press Ctrl+Space to switch the IME each time the user inputs one Simplified Chinese character.
- **Traditional Chinese and Japanese IME icon does not display when user presses Ctrl +Space in dialogs:** In Traditional Chinese or Japanese locales, pressing Ctrl+Space does switch the input method and it will display the IME icon indicating what IME you are using, though the IME icon does not display when the user want to switch the IME in dialogs. The user can still input language characters in the dialog.

Full-Text Index support issue

- In a UTF-8 locale, using a local database with a file name containing language characters, the full-text index could not be created. If it is not in UTF-8 locale, index could be created.

Java applets not supported

Inserting, importing, or displaying Java applets in rich text fields is not supported in this release.

Notes may corrupt memory while starting up

If you run Notes with "MALLOC_CHECK_=2" set in the environment, it will not start. On RHEL 4 you get a crash dialog; on SLED 10, it just hangs.

Operating system dialogs

The Notes product uses operating system common dialogs, for example the "Open/Save File dialog", the "message box", and so on. These dialogs have consistent native appearance as the system, but may have different appearance than other Notes dialogs.

SLED 10 - Attachment limitations

Following are the limitations using attachments with SLED 10:

- Cannot use Edit/Edit With for an attachment
- Cannot use Open/Open With for an attachment
- If viewing attachments several times in a row, the "view" function will not work.

SLED 10 - Drop-down selector cannot be expanded

The drop-down selector on picture or document properties works only once; it cannot be expanded again after clicking the first time.

SLED 10 - Instant Messaging-related limitations

Following are the issues associated with Instant Messaging using SLED 10:

- No access to the Instant Messaging client
- "Chat with team member" does not work - Working in the TeamRoom template, and clicking on the "Chat with Teammember" button causes a "Cannot execute the specified command" error to display.
- Cannot chat with subteam - When initiating a chat with a subteam, the command appears to start successfully, but never completes. No error dialog is shown, despite no chat window appearing.

SLED 10 - Pop-up hotspot text in database positions poorly

Pop-up text always opens directly under the cursor icon; this makes part of the text unreadable.

SLED 10 - Section name displays incompletely

If you create a Section using SLED 10, the section title incorrectly displays as below:



SLED 10 - Slider does not scroll date in Calendar view

Dragging the slider on the Vertical/Horizontal scroll bar does not change the date in the Calendar view.

SLED 10 - Typeahead dialog fails on non-existent name

When the typeahead dialog of the "To:" mail field does not find a match, it indicates "non-existent name", but does not invoke a "No Match" ambiguous name dialog, as expected.

The client must be restarted when adding new printers

Adding or changing the printers available to Notes for Linux requires restarting Notes before the printers will be recognized by those programs.

The font "ZYSong18030" and "Luxi Sans" are required for RHEL4

The following fonts are required when using RedHat Enterprise Linux 4:

- For CJK locales, the font '**ZYSong18030**' is used as the system default font. If users do not install this font, provided by the RedHat Enterprise Linux 4 installation package, certain text layouts may be problematic. The detailed font information is below:

FileName: zysong.ttf

Font Name: ZYSong18030

Version: 2.01

Copyright: (c) Copyright ZhongYi Electronic Co., 2001

- To achieve a stable display result, we recommend that all Notes users pre-install the '**Luxi Sans**' font. Note that the 'Luxi Sans' font is generally available on almost all Linux platforms, and will usually be installed during Linux system installation.

Windows may become blurred after being overlaid by other windows

This issue known to happen if OpenOffice application windows open on top of Notes dialogs, and may happen in other areas as well. If a window display becomes corrupted after opening another window on top of it, the workaround is to close and reopen the dialog, or minimize and then redisplay the window to force it to repaint.

X clipboard has some system limitations

When a piece of data is copied into the clipboard on Windows, the source window can be closed, but the data is still stored in the clipboard. On Linux, however, the source window should be present until the data is pasted to another window, otherwise nothing is transferred.

Additionally, the X clipboard is not as reliable as the Windows clipboard, for example, "Copy/Paste" is slow on X Clipboard, because data is transferred between the X server and the source/destination clients piece by piece.

"Open in New Window" does not open database

Selecting a database and opening it by using the right-mouse-click option "Open in New Window" will not work. please use your bookmarks, or the File -> Database -> Open menu item to open databases.

Known problems and workarounds

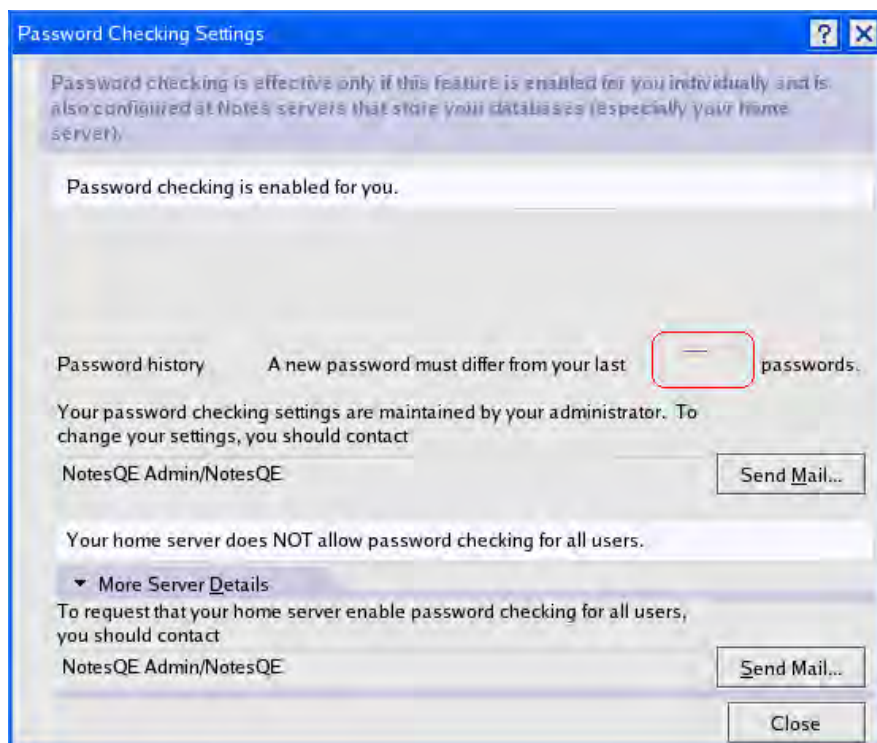
256-color display not fully supported

Following are the known issues using a 256-color display:

- Extra lines appear in dialogs
- Dialog title bar is missing in some dialog boxes
- Text and text selection are not displayed clearly
- Workplace and other icons have opaque backgrounds

A field in the User Security dialog displays incorrectly

Open your Workspace and select a local database, choose File -> Security -> User Security; input password. Next, select "Security Basics", click 'Compromised Password . . .', and then the 'Password Checking' button. You will see the following field displayed incorrectly:



A Notes window flashes unexpectedly on the Welcome page

When opening the Welcome page and clicking the triangle in the right side of the window, a Notes window may flash in the left of the welcome page.

Accelerator key changes for deselecting and deleting in a view

In the Windows Notes client, pressing Alt+E+D **deselects** any selected files in a view. However, when using Notes for Linux, pressing Alt+E+D+ENTER will **delete** any selected files in a view. To deselect selected files while using Notes for Linux, press Alt+E+D, and then press D again, followed by ENTER.

Agent related problems

Following are the issues related to using agents with Notes for Linux. Until these issues are fixed, the workaround and recommendation is that users create any desired agents using a Windows client.

- **Agent property dialog does not display when creating agent** . Open a mailbox, choose the menu option Create -> Agent,, and the Agent properties infobox displays, but then disappears immediately. This makes it very difficult to create an agent on the Linux system since, without access to the properties infobox, one cannot name the agent nor set when the agent is called.
- **Java agents are unable to create message box** - No message boxes are available using Java agents.

Alarm dialog will not pop up when Notes is minimized

The Alarm notification dialog will not be displayed when Notes is minimized.

An unexpected broken line remains after removing mail folder

In a mail database, if you perform the following actions:

- From the menu choose Actions -> Folder -> Discover Folder
- Click the "Add to Folder" button, choose 'Inbox', and click the "Add" button
- Position the cursor on the Inbox item and Press 'Alt+R'

the folder is removed successfully, but an unexpected broken line remains.

Archive name changes may cause the archive to be lost

If an existing archive is renamed in the "archive setting" dialog box using the Edit button, followed by <OK> to confirm, but then cancelling out of the "archive setting " dialog, the re-named archive will be removed from the list of available archives.

Autosaved documents do not always display

If the Managed Client crashes while you are working on an autosave-enabled document, you will be prompted to recover the document when the Client is restarted. Even though the document does not display when you click on it and select Recover, it is there in the autosave database. You can check this by opening the autosave database.

Broken display of drop shadow if width value is more than 60

When the width of a Drop shadow for paragraph borders is set to more than 60, the drop shadow does not display properly. To workaroud this issue, use a smaller width for the drop shadow.

Button borders are not always displayed

For some button styles used within an outline, the button border will not be displayed.

Buttons in the same dialog have different styles

Click the "Address" button in the action bar; the buttons in the 'Select Address' dialog box are inconsistent. Some buttons have a solid black border, and some use a three-dimensional effect.

Calendar related problems

Following are the issues associated with the Calendar in Notes for Linux:

- **Calendar control does not work well when rescheduling**
Drag an existing appointment to another date, and the Reschedule Options dialog pops up. Clicking the date in the Calendar control, you will find that the Calendar control will not hide after you select a date; only when you click another empty space in the dialog will the Calendar control hide, and then the date will be adjusted.
- **Extra buttons display when switching "All calendar Entries"**
When clicking the Calendar to open it., and switching tabs within Day, Week, Month and All Calendar entries, an extra row of tabs momentarily appears in the UI before the correct view displays.
- **There are two unexpected arrows when using an embedded calendar display .**
When using an embedded calendar display control, an additional down arrow maybe displayed on the bottom right corner of the calendar. This is cosmetic and does not affect the use of the calendar.

Can't look through all lines when listbox height is small

When the listbox field height is small, the user can not scroll through all the items using the mouse wheel. Please use arrow keys in this instance.

Cannot Undo if changing text property by right clicking

The Undo option is not available if you modify a text property by right-clicking to open the text property infobox.

Characters are clipped incorrectly if more than 300 in a line

If "No Wrap" is selected for paragraph alignment, the rich text field clips characters incorrectly when there are more than 300 characters on a line.

Context menu 'Paste' is enabled rather than disabled by default

The "Paste" menu item is enabled rather than disabled by default, implying that something is available for pasting when nothing may actually be available to paste. Attempting to paste when nothing is stored on the clipboard results in a message window indicating that nothing is available on the clipboard.

Copy/paste related problems

Following are the issues using copy/paste:

- **Long text strings can not be copied and pasted from a web page or PowerPoint file to Notes rich text.** A message box "Unable to get data from clipboard" pops up. Click "OK" to confirm this message box and try "Ctrl+V" again (you may need to repeat this several times); the text should be pasted successfully.
- **Notes can not render .bmp files in documents copied from OpenOffice .** If copying a document which includes .bmp files from an OpenOffice source into a Notes memo, the .bmp files will be missing.
- **No X-style copy/paste behavior.** Copy-on-select and paste-on-middleclick, are not working in Notes
- **Pasting Chinese characters from Notes to OpenOffice Writer is broken .** Chinese characters will not even display correctly in Notes after pasting into OpenOffice Writer.
- **Font changes via 'Paste special'.** Copying rich text and using the 'Paste special' option to paste the rich text into Notes changes the font from Default Sans Serif to Helvetica. Workaround is to use 'Paste' instead of 'Paste special'.
- **Copy/paste special text with Circle/Square/Checkmark list, the list property changes .** The text copied may be pasted with different symbols from the original document.

Creating Link and/or Phone Message takes time

Opening the Inbox, selecting a memo, and then choosing Create -> Special -> Link Message (or Phone Message) from the main menu, results in a lengthy wait before the "Link Message" and/or "Phone Message" is created.

CTRL+F6 does not work to switch between open windows

CTRL+F6 should be available to switch between open windows, for example between the application and Help, but it has no response.

Cursor disappears pressing Left or Right key on "Open DB" dialog

The cursor disappears when pressing either the <left> or <right> key in the combo box of the "Open Database" dialog box. To see this error, press <Ctrl+O> to open the "Open Database" dialog box (focus in the combo box to select a server), press <left> or <right> key, and the cursor will disappear.

Workaround: Use the mouse to point to a field and click -- the cursor will reappear or close and reopen the Open Database dialog.

Dragging a bookmark should not open it

In the Notes Application, dragging any bookmark (for example Mail, Calendar, To Do, Address Book and so on) to adjust its order, opens the database, when it should not.

Dragging an attachment may select other attachments

If there are many attachments in a document, selecting one of them (although, not the last one) and dragging the selected attachment, may cause some of the other attachments to be selected also.

Embedded view action bar displays incorrectly

Clicking on the "Embedded View" icon can select a view with an action bar, but the bar displays incorrectly, as shown below:

Who ^	Who ^	Date v	
user01	user01	05/15/2006	
Who ^	Date v	Time	
user91	05/15/2006	06:36 PM	
user91	05/15/2006	06:41 PM	
user91	05/15/2006	06:48 PM	
user92	05/15/2006	06:50 PM	
user90	05/22/2006	01:34 PM	
user90	05/22/2006	01:34 PM	

Error message in countered "To Do"

There is an error message using the countered "To Do" entry, as in the following scenario:

1. An Assigner sends a group To Do to an Assignee
2. The Assignee selects "Respond with Comments" -> "Propose New Date", inputs new date, and clicks OK
3. Attach an attachment to the To Do, and send it back to the Assigner
4. When the Assigner opens this countered To Do, they see the error shown in the Description below

Note: Assignee "Accept with comments" and "Decline with comments" also have this problem.

Title	Test to do on Linux for only attachment		Owner	admin/ibm
Proposed Date/Time	Proposed Start:	04/21/2006	Participants	
	Proposed Due:	04/21/2006		Required (to)
	Original Start	04/20/2006	Optional (cc)	
	Original Due	04/20/2006		
Description				

Export related issues

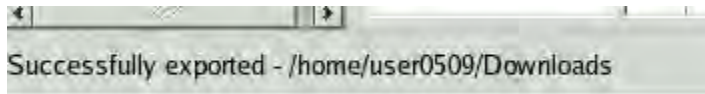
Following are the issues associated with exporting files:

- Choosing File -> Export, and not inputting a file name before clicking the "Export" button, brings up a dialog with the button "Replace". Choosing this button causes the following error message to display:



- Notes hangs when exporting an open contact document as vCard2.1 or vCard3.0

- Exporting a .GIF picture to a Rich Text file, then importing the RTF files, changes the .GIF picture properties
- After an Export is cancelled, the status bar message still displays it was successful:



File -> Exit in a mail database may display error message

In a mail database, closing the Inbox tab and then quickly choosing File -> Exit from the menu, may display the error message "An error has occurred when closing the workbench. See error log for more details." displays. This error can be ignored.

If install path includes "#" Notes can not be uninstalled

The uninstaller is unable to uninstall Notes if the installation path includes the "#" character.

In some teamrooms, some underlines display as broken lines

Some teamroom displays, such as lists of names, may display the underlining as a dotted or broken line.

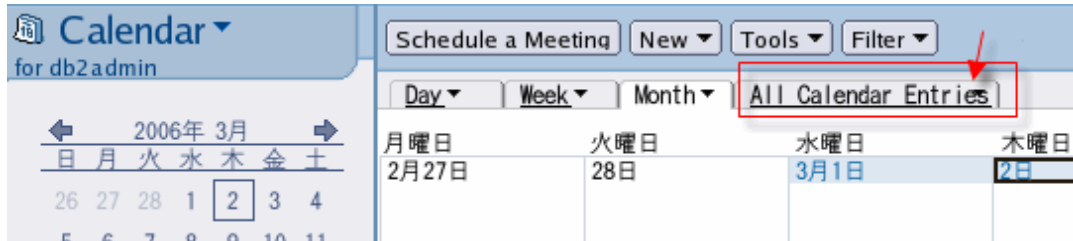
Incorrect cursor and unexpected lines after importing a graph

When importing graphics into a Rich Text field, and right-clicking to select "Add Hotspot Rectangle", "Add Hotspot Circle", or "Add Hotspot Polygon", the cursor displays incorrectly, along with a few erroneous cosmetic lines on the dialog.

Japanese locale issues

Following are the issues using the Japanese locale setting:

- **Down arrow is covered by the tab title in Japanese calendar** . If the locale is ja_JP.UTF-8, the tab down arrow of the Calendar view is covered with the string "All Calendar Entries", as shown below:



Java debugging does not work well

Java debugging does not work and may, in some cases, cause Notes to hang.

Low resolution (800x600) can make menus inaccessible

If the screen display is set for a low resolution (800x600 or 640x480), menus with multiple right-click menus may display the right-click menus off the screen, and the mouse can not navigate to them. Instead, use the keyboard to navigate.

Menu loss when switching between virtual desktops

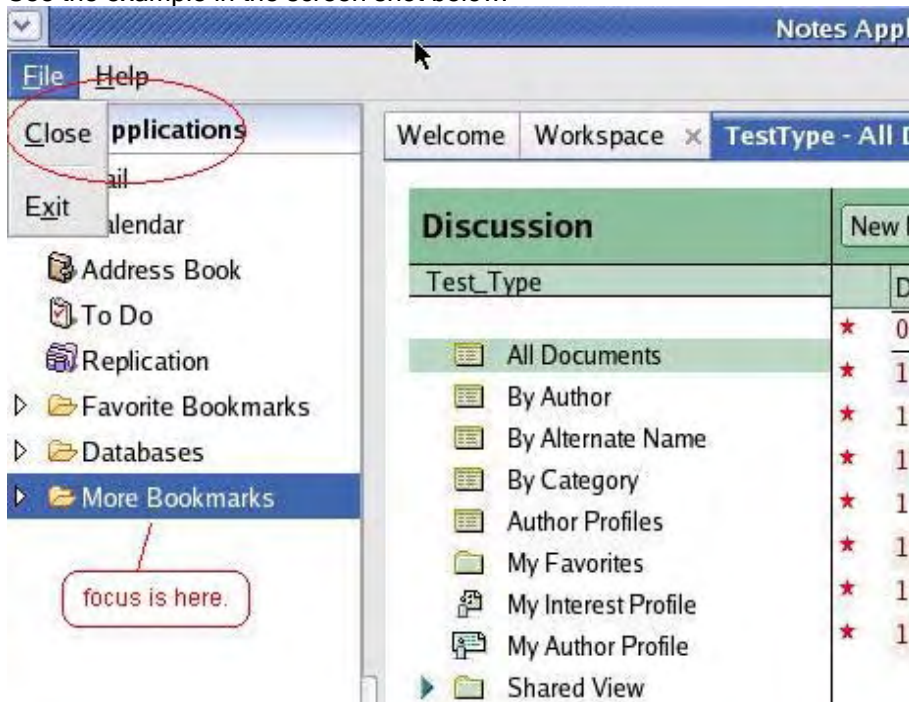
When switching from the virtual desktop to Notes, the full menus will not be displayed. To re-enable, select one of the open tabs within the window, or open a new one.

Menu UI problems

Following are the issues associated with the Menu UI:

- **File menu items are not grouped or separated by separator**
Expand the File menu; you will notice menu items are not grouped or separated by a separator in a reasonable way.
- **Menu 'Chat' is useless**
Chat menu item is disabled and useless as Chat is not supported in current version.

- **File->close does not work and the width is too small**
See the example in the screen shot below:



No first letter index in New Database dialog

In the New Database dialog box, there is no first letter index in the template list. In addition, for the Calendar "Tools\Import Holidays" operation, no first letter index appears in the Holidays list.

No focus on confirmation dialog box to delete a database

Focus on the "Delete Database" message is lost if the cursor moves over the Workplace window. Focus on the Yes/No buttons can be regained by clicking on the message with the mouse.

Notes crashes if clicking blank area before sub-directory shows

Clicking "Favorite Bookmarks" or "Databases" on the bookmark pane in the left of the Notes interface, and then clicking the blank area quickly before the sub-directory titles are displayed, crashes Notes.

Notes does not know server availability during configuration

Notes does not recognize changes in server availability if there is no network connection before Notes starts, and is reconnected while using the configuration wizard.

Notes hangs if dragging an attachment a few times

Selecting an attachment in a document, and dragging it through the border of the Notes client a few times will hang the application.

Notes may crash if scheduling a meeting

Notes will crash if you schedule a meeting by doing the following:

1. Launch Notes
2. Create a meeting
3. Click on the button next to the 'Required to' field
4. Click '?' on the 'Select Addresses' dialog (do not close the following Help dialog)
5. Click on the 'Details' button on the 'Select Addresses' dialog
6. Click the 'Cancel' button to quit the 'Select Addresses' dialog
7. Click the 'Close' button to close the 'Address details' dialog; Notes will crash

Notes tooltips pop-up even when Workplace client is minimized

In some circumstances, when the Workplace client is minimized with an active tooltip, the tooltip may still be displayed.

OLE is not supported on Linux

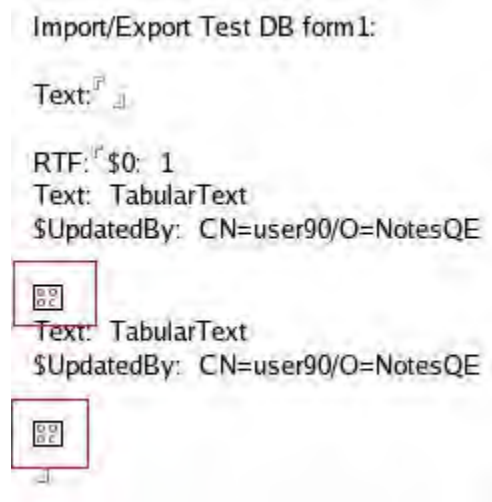
The menu option "Create -> Object" is disabled in Edit mode, as OLE is not supported on Linux.

Operations may be slower than on Windows

The overall client operations maybe be slower for Linux on Notes in some cases than on Windows, particularly around startup and some network activities.

Page break character does not display correctly

Page break characters display incorrectly, as shown in the example below:



Pressing "ESC" or "Enter" in expanded combobox closes the dialog

To schedule a repeating meeting, in the "Repeat Options" dialog box, expand a combobox list and press the ESC or Enter key, the "Repeat Options" dialog box closes, when it should only minimize the combobox list.

Problems restarting Notes after an error

In some circumstances, it may not be possible to successfully restart Notes after a previous error.

Workaround



The `nsd.sh` script will ensure that any remaining processes have been terminated. The script maybe used as follows:

```
#cd $NOTESDATA
#$NOTESBIN/nsd.sh -kill
```

The Notes client can then be successfully restarted from the desktop.

Problems with focus handling

Notes for Linux has some problems on focus handling, which may result in controls not always having focus as they should. The user may have to click the controls manually to ensure they have focus. For example there are known issues with:

- Focus in Agent properties infobox
- In the Replication setting dialog box, the user cannot move focus to  and  buttons with the keyboard.

Repainting occurs frequently

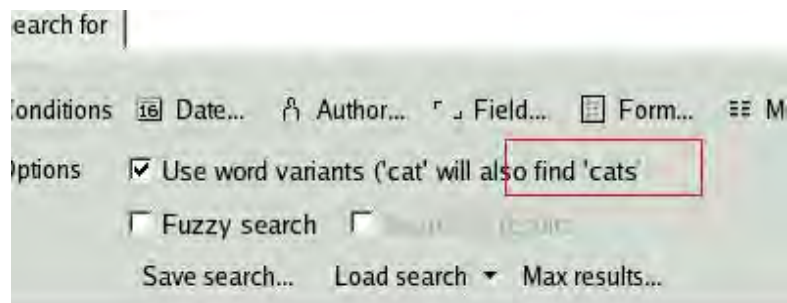
Notes for Linux will repaint the screen more often than seen on Windows installations.

Scrolling is slow when viewing large embedded view page

When viewing a large embedded view, if you hold the scrolling widget and use the mouse to move up/down very quickly, the scrolling speed becomes very slow.

Search option: No right parentheses for checkbox

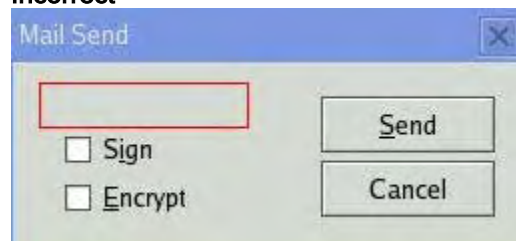
In the Search option dialog "Use word variants ('cat' will also find 'cats')", note that the closing parenthesis is missing:



Send Document dialog missing the words "Mailing Options"

When selecting the menu option "Actions -> Send Document", the Send Document dialog is missing the words "Mailing Options" from the display, as shown below:

Incorrect



Correct



Setting Replication page as home page not supported

In Notes for Linux you cannot set the home page to be anything other than the Welcome page. If you set the home page in a Windows installation to something else, and then copy bookmark.nsf from the Windows system to the Linux system, the home page will be respected by the Linux system, EXCEPT if the home page is set to the Replication page. The Linux Plugin will not accept the Replication page as the home page.

Shortcut keys do not work in Create view dialog box .

Clicking the menu option Create -> View in a mail database, the shortcut keys (Alt+A, Alt+F, etc.) will not work.

SLED 10 - XGL-specific issues

Following are the issues related to XGL on SLED 10:

- Switching to different desktops using CTRL+ALT+<arrow key> leaves artifacts - CTRL+ALT causes numbers on the action button to appear in the mail inbox (or other view with action buttons), while releasing CTRL+ALT makes the numbers disappear, but using CTRL+ALT+<arrow key> to switch to another desktop and then switch back leaves those numbers.
- ALT+<shortcut key> fails to activate main menu - When a view with an action button opens, pressing ALT+<shortcut key> fails to activate the drop-down menu.
- Welcome page does not come up when rotating desktop - The Calendar page and other pages, like the Welcome screen, cannot be seen when the desktop (workspace) is rotated using CTRL+ALT+<arrow key>.
- Log-in dialog box is not centered within Lotus Notes - This is an intermittent issue, which may be seen on non-1024x768 resolution screens.
- If you hover the mouse over a Calendar entry, the pop-up tip flashes momentarily, as does the main menu bar.

Smartcard is not supported for Notes for Linux

The Smartcard capability is not supported for Notes for Linux.

Some fonts used in graphs do not display well

Graphs that have been copied and pasted from Windows applications may contain fonts that will not be rendered correctly in Notes for Linux. Letters may appear to be too close and/or truncated.

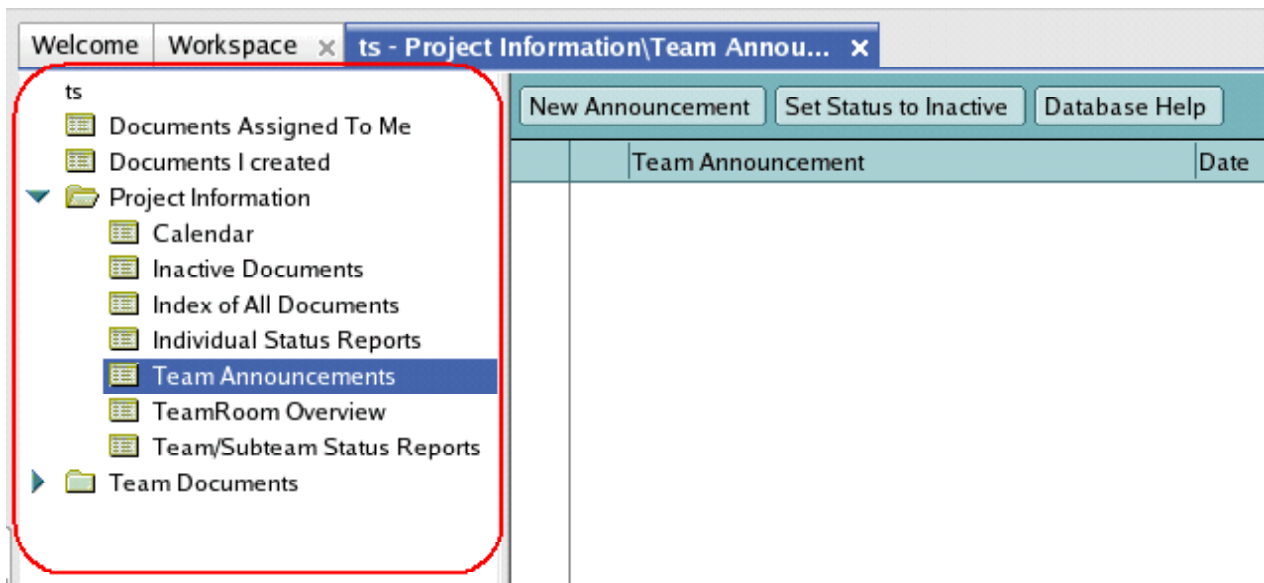
Some property dialogs have extra blank space

Some property dialog boxes, for example 'Section' or 'Embedded View', may include extra blank space at the bottom of the dialog.

Teamroom Navigator pane may display incorrectly

This issue occurs in the following scenario:

- Create a new Teamroom database; the "About this database" document will open.
- Choose "Set Up TeamRoom Now", then click 'Cancel'.
- Choose File -> Database -> Properties, and the 'Launch' Tab; select 'Open "About this database" document'.
- When opened in the Notes client list, close the database infobox.
- Close the database and reopen it; the "About . . ." document will open.
- Close the "About . . ." document; the Teamroom displays incorrectly as shown below:



The Save dialog appears unexpectedly in a meeting notice

The Save dialog box appears while clicking the "Open meeting" button, after double-clicking in the Meeting Notice window.

TimeZone field loses focus after selecting a time zone

For the TimeZone field, selecting a time zone by left-clicking the mouse, causes the TimeZone field to lose focus.

Two F1 accelerators are presented together under help menu

Under the Help menu, two sub-menu items - Context Help and Help Contents - have the same F1 accelerator listed.

Two File menus may be presented at the same time


In some cases, two file menus may be presented at the same time, for example, clicking the Notes menu bar when the Context Help window is opening in front of Notes.

UI element repaint limitations

Following are issues associated with re-painting in the UI:

- Two combo boxes, "Search in view bar" and "To do item" do not refresh correctly
- For a To Do entry, changing the item value of the "Priority" combo box, and then changing the focus, does not correctly refresh that combo box.
- In a mail database, a portion of the 'Subject' column title bar does not repaint while dragging it.
- In a mail database, a portion of the "Agent" action window does not repaint correctly while dragging it.
- Buttons on a Notes dialog box do not refresh correctly when a window on top of it is minimized.
- Truncation and alignment issues display on the Mail Preferences page for Followup actions.

Unexpected scroll bar in Proxy Server Configuration dialog

Choosing "File -> Mobile -> Edit Current Location" from the menu, and clicking the  icon opens the 'Proxy Server Configuration' dialog box - an unexpected scroll bar displays.

URL links dropped into a document cannot open browser

If a URL link on the desktop is dragged-and-dropped into a document in Notes, clicking it will not cause the system browser to open the link. The user will need to start the browser manually, and then copy/paste the URL into the browser to follow the link.

User defined color can not be added to custom colors

On Linux, the color picker is different than on the Windows32 platform. Custom colors can be defined for use, for example, setting text color, but they cannot be saved as Notes custom colors.

User Security - "Select Slot" button causes crash

Choose File -> Security -> User security, input your password, and select Your Identity -> Your Smartcard; a dialog box appears. Close this dialog box, and choose "Configuration Details"; if you then click the "Select Slot" button in the Smartcard configuration details dialog box, red error message box appears and the application crashes.

Using ESC to cancel from internal browser window does not work

Opening a web page from the Notes internal browser, and then using the ESC key to cancel from the internal browser window does not work.

Using <F5> to lock Notes does not hide open Notes dialog

Pressing <F5> locks the Notes client, but open dialog boxes may still appear on screen, when they should be hidden.

Vertical lines maybe displayed when cancelling a selection

When selecting text that includes Notes sections, when clearing the selection, vertical lines may be left behind. This is cosmetic, and will be cleared on the next screen paint.

Vertical mouse hotspot may be inaccurate

In some situations the mouse hotspot may not correspond vertically with it's current location, and may be lower than the intended target. It is recommended to close and restart the application should this occur.

View Calendar -> Day does not display To Do entries

If you uncheck the "Do not display To Do entries in the Calendar" option, create a To Do entry, and do not input a "Start by" parameter, then save, close, and switch the Calendar view to "Day", you will not see the To Do that you created.

Visible half-toning in printouts on a 1200dpi printer

Printing documents using either Default Monospace or Default Sans Serif fonts yields printouts with visible half-toning on the edges of each character.

When minimizing Notes, the color option dialog may remain

If the color option dialog is left open when Notes is minimized, the color "picker" will remain on screen. It may be removed by restoring Notes, and closing the color picker.

Zoom in/out preview page causes hand cursor appearance

Opening a document, then choosing File -> Print Preview, you will notice that if you zoom in to the page, the cursor changes to an arrow, while if you zoom out, the cursor changes to a hand.

"Choose a View based on a formula" checkbox is not gray

Open a database with a Rich Text Lite field, with an "Embedded View" option set, clicking the "Embedded View" icon allows you to select a view, but the "Choose a View based on a formula" checkbox should be gray, instead of highlighted.

<Enter> and <ESC> don't work on some expanded combo boxes

Some expanded combo boxes in Rich Text or Notes dialog boxes can not confirm a selected item by using the <Enter> key, and can not be collapsed by using the <Esc> key.

<F1> opens Help window but menu remains on screen

When the main menu displays, pressing <F1> opens the Help window, but the menu still appears on screen.

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