

# dBASE Plus 2.61 Highlights

June 2006

## Simpler connections using new bundled ODBC Drivers

dBASE Plus now ships with a bundle of branded Data-Direct ODBC drivers to make it simpler to connect to:

- Oracle
- SQL Server
- Sybase ASE
- DB2
- Informix
- FoxPro
- Visual FoxPro
- Clipper
- Pervasive SQL (formerly Btrieve)

## Streamlined client application deployment with new ODBC drivers

The new Oracle, SQL Server, Sybase ASE, DB2 and Informix drivers not only handle the ODBC level processing, they also manage the sending and receiving of network packets between client workstations and database servers thus streamlining the configuration of client workstations by eliminating the need to install additional database communications software on each client (as is required when using BDE SQL Links drivers).<sup>1</sup>

## Improved multi-user programming

### Rowset Class

QAID: 5335      Added new property `autoLockChildRows`  
When true (the default), child rows are automatically locked when a parent row is locked. This corresponds to previous behavior.

When false, child rows are not locked when a parent row is locked

QAID: 3677      Fixed "Capability Not Supported" error that could occur when automatically unlocking a row after issuing a `begintrans()`. The BDE would return this error if `begintrans()` has been called and a user does the following:

- Edits a field in a row in a grid
- Edit a second row
- Goes back and edits the same field in the first row again
- Then clicks on a different row

## Enhanced control over Grid row positioning

### Grid Class

QAID: 3675 Added new method firstRow() - returns bookmark for first visible row in the grid.

QAID: 5954 Added new method lastRow() – returns bookmark for last visible row in the grid.

## Improved support for key legacy commands

### SAVE ... LIKE / LIKE() / LIKEC()

QAID: 2019 Fixed regression that caused SAVE TO <mem file> ALL LIKE <memvar skeleton> to save variables that should have been excluded by the LIKE clause.

Also fixed related problems in the LIKE() and LIKEC() functions that could lead to these functions reporting incorrect matches between a supplied skeleton expression and a test string.

### SET PATH

QAID: 1683 Added ability of deployed runtime application to search path list specified via SET PATH command if DEO (Dynamic External Objects) search fails to find specified file when using DO or SET PROCEDURE commands.

## Control over deployed Ini file in Project Explorer

QAID: 5570 Added new "Ini" tab to the Inno section of the Project Explorer that allows a user to indicate whether or not a default ini file should be generated for a deployed application. If the user chooses to create the ini file, they can include a settings to use the BDE or not and to enable/disable the \_app.ErrorTrapFilter flag.

## Improved support for XP Themes and Styles

QAID: 5859 Fixed copy(), cut(), and paste() methods when called from an XP themed pushButton. Previously, these methods failed to work when using an XP theme.

QAID: 5489 Fixed the following XP theme issues:

1. EntryField, spinBox, editor, listBox and rectangle now support XP styles, when XP theme is active and with default properties.

2. Fixed position of text for a rectangle object when XP themes are used.

- QAID: 5497 When the mouse enters a XP style push button (turning it orange), XP sends a paint message to the form text component. The painting of non-transparent text was done directly to the screen and caused flickering. The text painting code is now changed to do most painting operations off screen.
- QAID: 5499 Disabled combobox (simple or dropDown styles) with XP style had black background behind the list items. The background brush and text background of a disabled combobox are now white.
- QAID: 5500 Fixed systemTheme speedBar pushButton so that clicking it with the mouse does not take focus from control that currently has focus. This occurred with editor and entryField components among others..
- QAID: 5526 Fixed problem in the Form Designer, when pasting a shape or line component onto an XP themed notebook, the pasted shape or line were invisible.
- QAID: 5389 Corrected text and group box background colors to match containing window for various core product dialogs when XP Themes are enabled.
- QAID: 5640 Fixed a regression in the Form Designer Properties dialog that caused the OK, Cancel, Help and Apply buttons to be positioned incorrectly when XP Themes were not enabled.
- QAID: 5679 Fixed regression that caused rectangle components to ignore mouse events and not fire their mouse event handlers that was due to changes to support XP Themes.
- QAID: 5578 Corrected overlapping of some controls in Project Explorer when using XP Themes.

## Fixes for important regressions in 2.6

### Printer Support

- QAID: 5480 Fixed GPF that occurred when changing the PrinterName property of a printer, or after selecting a specific printer with a print dialog
- QAID: 5481 Fixed lockup that occurred if printer.choosePrinter() was called more than once after changing printer.printerName.

### SpinBox Class

- QAID: 5494 Fixed regression that caused the the spinbox to initially increment a value when its down arrow is clicked.