

Software Changes and Bug Fixes for Panther 5.20

This list describes fixes and changes in this release. The following is provided for each bug or change: number, severity, status, product area, product subarea, feature, problem summary, and problem description. OPR (open problem report) numbers are listed for customer reported bugs and requests.

Panther

25671 0.2
REPORT WRITER Common
Enable capability to print duplex report at runtime

27367 0.6
REPORT WRITER Common
Double quotes in the RW Arguments window will cause an error message

36158 0.8
CORE Library
Double Click events are fired from single linefield with focus protection

37496 0.5
CORE Utilities
f2asc to binary can fail with the error "Widget name not found" followed by "Unknown keyword" when processing a screen with tab decks if a widget is near the top of the second or later card. The widget will appear earlier in the ASCII file than definition of the tab card it appears on.

37616 0.7
REPORT WRITER Common
Add a PDF driver for Report Writer
Usage: runreport "report_name" driver=pdf options

37752 0.5
GUI Windows
A screen (which has the properties Dialog=NO/Keep and In Frame=NO could not be called at a position with a column value higher than 170. Example, sm_jwindow("(10, 200)>screen<") opens the window at column 170.
The window seems to "jump" to a "cMnemonics don't work in uppercase (such as when Caps Lock is on)entered" position if it is repositioned after it was opened on the second display and then the TAB-Button has been pressed.

37802 0.5
CORE Utilities
Formlib can better deal with mixed case file names, such as those used in windows system. Two options have been added, namely -n and -q. The -n option ignores case when comparing member names. It has the same effect as the line:

FCASE = CASE_INSENS , in the default smvars file for Windows.

The option `-q` is designed for use when adding and replacing library members in libraries that already have mixed case member names. When the name of the file being added matches an existing entry except for case, the user will be asked what to do. The choices are Replace (replace the existing member), Skip (skip the current file) and Continue (continue to search for members and add the file if none are found).

37821 0.5
GUI Motif
Add support for anti-aliased fonts for Motif

37833 0.5
INSTALLATION Windows
Problems with installer on a Windows XP 64-bit machine

37850 0.5
CORE Library API
Clearing fields on another screen do not work, i.e
`sm_n_clear_array("SCREEN1.JAM!multitext")`.

37861 0.7
COM/DCOM Client
"COM status return 0x80020006 Unknown name." messages appears when
Interfacing with an external credit-card swipe device.

37864 0.5
CORE ActiveX
Problems when COM event handlers get called while an event handler is
active. For example, the "Middleware Adapter is not installed" error can
be returned for calls to the JPL command `return_args`.

37870 0.6
Windows ActiveX
ActiveX control colors may not display correctly when Panther is relinked
using Visual Studio 2008.

37876 0.5
Motif
Running Panther 5.10 under the Compiz Window Manager, grid widgets behave
strangely. When mousing over a cell of the grid, the mouse cursor begins
jumping around and the cell blinks as though it is repeatedly gaining and
then losing focus.

37880 0.5
JPL
The `@date` function gives an "Invalid date" error when a time is included
in the argument.

37881 0.5
REPORT WRITER Viewer
Status line text does not reappear on callee screen after closing a
Report using command `runreport`.

37889 0.5
GUI Windows
When tab card members display transparent pixmaps, these pixmaps may not
be painted or may be partially painted when the tab they are on is

exposed (made the topmost one)

37896 0.5
GUI Windows
sm_ms_inquire(MOUSE_FIELD) returns the incorrect field number when clicking on an option menu. It returns the value -1 whenever you select the option menu.

37898 0.5
GUI
Add PR_TOOLTIP_DELAY and PR_TOOLTIP_DURATION properties, which allows changing the widget tooltip delay and widget tooltip display duration times. Times are in milliseconds. Setting the property to -1 restores the default values of these properties. Menu bar tooltip timing is not affected.

37904 0.5
CORE
Support Visual Studio 2008, which includes Visual C++ Version 9.0.

37905 0.5
GUI Motif
Hidden widgets on dialog screens are not always getting hidden.

37908 0.5
GUI Motif
Screen Handling Motif - when a non-resizable form is closed, it can flash before disappearing.

37910 0.5
GUI
Editing greater than 100 occ Initial Text property, DOES not work correctly. Once you delete them in the Editor then reopen the InitialText property, the rows are back there.

37918 0.5
COM/DCOM Client
A "COM Status return 0x80004002 / No such interface supported" error is received when creating Word.Application object with Panther 5.10. This does not occur with Panther 5.0.

37923 0.5
GUI Windows
Beginning with Windows Vista, the HLP (Microsoft WinHelp) format for help files is no longer supported. (Vista ships without the WinHlp32.exe viewer, though it's available as a download.)

37924 0.5
GUI Windows
Request a way to have a screen's entry function called when Panther gets the focus from another application.

37926 0.5
TM Common
Closing a screen will crash Panther if the view DB Interactions is open.

37928 0.5

CORE Library
The `sm_n_dlength()` function does not return -1 when the name of a nonexistent widget is passed.

37929 0.5
CORE Common
Calling `sm_flush` after `sm_i_gofield` to a grid cell causes `prodev` to

37930 0.4
CORE Editor
When a library contains a JPL file, and that JPL file is open in the editor and the library is closed, the JPL file remains open and reserved. Closing the JPL file does not release the reservation.

37935 0.5
GUI Windows
Open the context menu by a right click on one of the `ListView` items. Selecting an item will bring up the context menu again.

37936 0.5
CORE Library
Editor crashes when `sm_jclose/sm_n_lclear_array` called on screen with LDB mask.

37944 0.5
TM Common
Panther crashes when a nonexistent widget name is given in table view "sort widgets" property.

37945 0.5
GUI Windows
Context menu (right mouse click) is prevented on top Tabcard where the 2nd card contains particular widgets e.g. a `Dynamic Label`.

37947 0.5
GUI Windows
A right click on a single line text or multiline text widget's border should open the appropriate popup menu.

37953 0.5
TM Common
Panther hangs or crashes when sorting an array using `sm_obj_sort_auto` after populating a grid using a DB cursor that runs after a `TM SELECT`.

37954 0.5
GUI Windows
A screen containing a tab deck and several tab cards has the clickable tabs (the top part) disappear when another window is dragged over the screen.

37958 0.5
TM Common
TM errors when calling `sm_n_lclear_array` and `sm_n_ww_write` to an ldb field.

37962 0.5
CORE Editor

After adding and then removing a widget from a grid, changing the grid's "row titles" property causes Panther to crash. - ---

37964 0.5

GUI Motif

Scrollwheel of the mouse to work when you hover over an area (without moving focus from your entry widget).

37965 0.5

CORE Library

When a field validation function returns 1, the cursor is not supposed to be moved.

37967 0.5

GUI Windows

Panther 4.26 and 4.27 use different default sizes for widgets than other versions. A compatibility flag for Panther 5.10 to use the Panther 4.26 sizes is requested.

37969 0.5

GUI Windows

When mousing up and down a grid widget whose cells have tooltips, the tooltip sometimes gets 'stuck' and doesn't change (content or position) then moving over a different cell.

37970 0.5

GUI Windows

When another application's window is on top of a Panther screen containing a grid widget, and the window is dragged around (with the Windows option "show window contents while dragging" enabled), the grid is sometimes not repainted correctly.

37973

GUI 0.5 Windows

When the Windows function MessageBox is called as part of a SLT widget's validation (which then returns a value of 1 to keep the focus), the blinking cursor/caret no longer appears until a key is pressed. The typed character appears and the cursor/caret is displayed at the expected position.

37975 0.5

GUI Windows

Add a grid widget callback function to reduce the number of Windows messages, which will reduce overhead.

37978 0.5

GUI Motif

Request way to set font for menus, rather than using the default Motif.

37982 0.5

GUI Motif

Add an option to allow grid columns to resize automatically when the grid is resized due to screen resize.

37983 0.3

CORE Library

Add support for PNG images.

37985 0.5
CORE Library
The VALIDED flag is not being set when the validation function is called again, after the first run called sm_gofield.
Created a backwards compatibility flag, which would have validation continue when a field validation function returns 1
@app()->gofield_continue_val = PV_YES

37989 0.5
GUI Windows
When a stacked screen is opened (using sm_jwindow) from the double-click event of a TreeView ActiveX control, it is not possible to use the mouse to interact with the screen (can't drag to move or click any of the widgets). The screen accepts keyboard input.

37990 0.3
CORE Editor
The "Save Pref" option on the "File" menu causes crash in character mode when it is clicked. This does not occur when using Motif.

37993 0.5
GUI Windows
When Panther is quickly and repeatedly minimized and maximized it will crash (prorun and prodev -a).

37994 0.3
CORE Common
Support the xterm mouse wheel. Wheel movement will be converted to Page Up and Page Down (SPGU and SPGD) characters.

37997 0.5
GUI
Rows in grid keep incrementing pass the rows of data entered, when font is Verdana -9.

37998 0.5
COM/DCOM Client
Request a way to get secondary dispatch interfaces from COM objects so that methods and properties on those dispatch interfaces can be accessed. sm_com_get_dispatch.
This function takes two parameters, the object ID of a COM object and the GUID (Globally Unique Identifier) of the Dispatch interface that is needed. It returns the object ID to be used when accessing the methods and properties supported by that Dispatch interface

37999 0.5
CORE Common
Panther crashes on certain keyboard input (Ctrl+V) while loading data and checking for keyboard input using sm_keyhit.

38000 0.5
GUI Grid Widget
Grid columns that are set to be "hidden" not fully hiding until sm_flush is called or the screen is minimized/restored. The text of the column titles is erased but the columns otherwise persist.

38001 0.4
CORE Configuration Files
Panther ports for Linux should include an xtermvid file with support for extended ASCII line-drawing characters.

38002 0.6
GUI
After opening another copy of a screen with a grid and returning to the original, some rows of the grid appear empty when they should contain data.

38004 0.5
WEB Configuration
Read Error causes the jserver to restart.

38006 0.5
WEB Configuration
Errors deploying proweb.war in WAS 6.0 (and probably later). The deployment descriptor, web.xml, needs a servlet mapping section.

38009 0.5
CORE Library
Input Handling
Pressing the HOME and END keys in an optionmenu widget should go to first/last item of the option menu.

38012 0.5
CORE Common
Panther cannot handle the seven character key sequences generated by Shift+[F5-F12] with some xterm emulators, such as those that come with GNOME and KDE. Sequences up to 8 characters will now be allowed.

38014 0.5
CORE Library
Cursor does not go to the 1st position of field when "Invalid date/time" error is seen. Custom Format Date/time property is set. When an invalid date/time is entered and the field is validated (TAB out), the expected error msg appears, but the cursor stays where it was last. The "norm" is for the cursor to go to the FIRST position of the first field.

38015 0.5
CORE Configuration Files
When uppercase letters are used, such as when Caps Lock is on, mnemonics don't work. In this case, the character ends up as though typed in the current field, rather than jumping to the target field instead.

38018 0.5
CORE Library
Screen Handling
Add functions sm_save_screen and sm_l_save_screen to allow users to save screens at runtime.

38020 0.5
CORE Editor
Prodev crashes when removing static label(s) after removing tab deck (with cards and widgets)

38027 0.3
GUI Windows
Request to add the "Resizable" property for splitters that can be used to prevent users from resizing the splitter with the mouse.

38033 0.5
GUI Motif
Panther can crash when Prolifics.formStatus is set to true in the Prolifics file. For example, in the Editor, use File -> New -> Frameset.

Panther Database Drivers

37852 0.5
DBI ODBC
Ability to specify the login timeout value in seconds for ODBC database connection using LOGIN_TIMEOUT ODBC.
Example: dbms declare c1 connection for datasource 'Northwind',
login_timeout 30

Note that value zero is permitted and will override the default timeout value when supplied by a database-specific ODBC driver.

37901 0.5
DBI MS SQLServer
When importing from an SQL Server 2005 database, a Database interface ERROR message box is displayed at startup.

37902 0.5
DBI Common
The DBi importer may fail by reporting that the repository is read-only even though the repository is writable.

37912 0.5
DBI Oracle
When retrieving a row from an Oracle 8 database (I couldn't reproduce this against Oracle 10), the error message "ORA-01405: fetched column value is NULL" is received when executing a query that returns an empty column.

37938 0.3
DBI ODBC
A runtime-loadable shared library should be built for the ODBC driver on UNIX/Linux systems.

37941 0.5
DBI ODBC
Add support for Multiple Active Result Sets (MARS) supported by SQL Server 2005

37921 0.5
DBI ODBC
Add support for ODBC version 2 on Windows

37986 0.7
DBI Sybase
Crash in dm_sybsup at startup


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37893      0.5
DBI
When a DBMS CATQUERY statement is executed, all columns described in DBMS
FORMAT statements will get numeric formatting when the retrieved data is
numeric.
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37942      0.3
DBI          Sybase
Add support for output parameters/return codes from stored procedure
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38013      0.5
DBI          Common
DB Interactions
Invalid character when semicolon used at the end of SQL statement. This
does not fail in Panther4.60.
*****
Panther Web
*****
37915      0.5
WEB
This fix provides an alternative to using the "proweb" user account
during initialization of the Prolifics web server on UNIX or Linux.
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38004      0.5
WEB          Configuration
Read Error causes the jserver to restart.
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38006      0.5
WEB          Configuration
Errors deploying proweb.war in WAS 6.0 (and probably later). The
deployment descriptor, web.xml, needs a servlet mapping section.
*****
Panther Tuxedo/JetNet
*****
37914      0.5
TPI/TUXEDO  Server
A service written in JPL, when called, will give a "Service failed to
call tpreturn or tpforward" error message, even with a "return_args"/"TPI
RETURN ARGUMENTS" line at the bottom of the service procedure.
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38003      0.5
TPI/TUXEDO  Jetnet
When running on a 64-bit Windows system, when trying to start an
application, jetman32.exe crashes.
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38010      0.7
TPI/TUXEDO  Utilities
Fix various crashes in jifedit.
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38011      0.5
TPI/TUXEDO  Utilities
Jetman.exe can crash while shutting down.
*****
Panther JetNET/Tuxedo
*****
37232      0.8

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TPI/TUXEDO Utilities

JIF Editor does not save file to common.lib, it erases jif.bin