

Software Changes and Bug Fixes for Panther 5.10

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

36557 0.3
CORE Editor
Show "Character mode only" in the status line for color property in Tab Widget.

37407 0.5
CORE Editor
The Move System menu item is not grayed out when no windows are open. The Next User Screen Windows menu item is not grayed out either.

37596 0.5
WEB Caching Data
Support including the jserver's hostname and process id in cache file names. This will reduce the chance of cache name collisions when Panther Web Servers are sharing a single cache file directory. This feature is enabled by setting "UniqueCacheFileNames" in the web initialization file. Valid values are:

- 0 (default) - current operation.
- 1 - include the jserver process ID in cache file names.
- 2 - include the jserver process ID and hostname in Cache file names.

37658 0.5
GUI ActiveX
Calling Activex's method that use OUT parameters doesn't return data

37662 0.5
Windows ActiveX
ActiveX controls can pass status messages to the container. Added The Show Status Text property for ActiveX widgets. When set to Yes, the status line will contain the latest message from the control when the control has focus.

37686 0.3
CORE Library
Provide a way to allow the right arrow key to skip trailing blanks in text fields. The left arrow key should then skip leading blanks in right justified fields.
Add IN_HARROW=OK_SKIPTB in smvars OR add the below JPL at startup time
global OK_SKIPTB = 8

```
global OK_SKIPTBNXT = 9
sm_option (IN_HARROW, OK_SKIPTB)
```

37707 0.6
GUI Windows/Help
Ability to have different tooltips for different field occurrences is Requested.
Syntax <field_name>[i]->tooltip_text = "<text>", where i is the occurrence number

37716 0.6
CORE ActiveX
When retrieving ActiveX and COM properties that are longer than 255 characters, the properties will get truncated to 255 characters

37721 0.5
CORE Utilites/Formlib
Provide an option to attempt to recover deleted library members. Added a -z option. It will scan the free blocks in a library looking for Panther format files (forms; JPL; menus; etc.) and will recover each deleted member that is found. If there is already a file of the same name in the library, the member name will have '_recovered' and if needed a number appended to create a unique member name.

37731 0.5
GUI Common/Widget List
Able to search thru Widget List by first character, using Sort By feature in Widget List.

37737 0.5
GUI Windows/ActiveX
Panther for Win crashes when it closes a screen containing the DiCom Activex control.

37738 0.5
CORE Utilities/f2asc
f2asc loses tooltip inheritance

37742 0.5
GUI Windows/ActiveX
Focus may not move to other widgets when they are clicked when certain ActiveX controls have focus.

37750 0.5
GUI Windows/ActiveX
Crash if an ActiveX event causes the current form to close

37753 0.5
GUI Windows/Business Graphics
Error specifying a different location for the libsti.ini files by LIBSTI_INI

37758 0.5
CORE Library/API
Ability to to retrieve cursor position using PR_CURSOR_OFFSET. This

property is only available for widgets where cursor position is meaningful (i.e., SLT, MLT, combobox, and JAM 5.) Use the below syntax:

```
values = <field_name>->cursor_offset
```

37761 0.5

CORE Editor/Library

Narrow search for library members by setting date boundaries. Ability to search for library members within a start date and end date in development environment using View->Library TOC

37779 0.5

GUI Windows/Grid Widget

Infinite loop using stripe_current_row and flush

37780 0.5

GUI Windows/Grid Widget

Screen differs in Width depending if using Panther 4.5 or 5.0. Use @app()->pan450_widget_size = PV_YES

37783 0.5

CORE Utilities/f2asc

F2asc:Problem with invalid scroll increment(The Page-Size Tag)

37798 0.5

CORE Library/API

Support for sm_obj_create_server to allow creation of Crystal Report CrystalRuntime.Application object and similar COM objects.

Ex:

```
vars applicationObj =  
sm_obj_create_server("CrystalRuntime.Application")
```

37800 0.5

CORE Library/Grid Widget

Improved grid widget efficiency

37806 0.5

CORE Library/API

Crash when sending mail using Lotus Notes

37808 0.5

GUI Windows/ActiveX

BeforeNavigate2 event is not fired in MS WebBrowser ActiveX Control

37812 0.5

GUI Windows/Grid Widget

Mouse click on a shifting right-justified Select on Entry grid member may not select the field's last character.

37817 0.5

GUI Common/Input Handling

When a checkbox, radiobutton, pushbutton, togglebutton or dynamic label widget having inactive occurrences is scrolled, the occurrences that are drawn as inactive do not scroll.

37829 0.5

CORE Editor

Editor crashes when dragging text or label widgets to a grid widget.

37831 0.5

GUI Windows

Editor crashes when dragging text or label widgets to a grid widget.

37719 0.5

TM Common

s2asc to ascii always shows the Required property as having value Default.

37693 0.5

Porting Common

Update modules to compile and work with Microsoft Visual Studio 2005.

15150 0.5

DBI Common

A field's currency edit may be ignored when fetching data if the field's C Type property is not set to Default

24292 0.5

CORE Common

Support for a Timer hook function will be called after a user specified time interval. Similar to the Timeout function but the interval is not restarted after keyboard input.

```
struct fnc_data timer_funcs[] =
```

```
{  
    { TF_MINUTES, my_timer, 0, 0, 2, 0 }  
};
```

```
static int tcount = sizeof ( timer_funcs )/sizeof(struct fnc_data) ;
```

29287 0.5

CORE Editor/Library

Library Table of Contents: Add a Close Button that closes libraries

37171 0.6

GUI Windows/Grid Widget

When Onscreen columns set in Grid widget, it leaves a portion of the next column.

37189

GUI Windows/Look and Feel

When Onscreen columns set in Grid widget, it leaves a portion of the Support for image transparency in Panther buttons and menus.

37234

GUI Windows/Screen Handling

Panther behaves differently on dual-monitor setups

37325

GUI Common/Grid Widget

Grid Frame Focus shift when scrolling the scrollbar

37334

GUI Motif/Text Widget

Cursor jumps to the beginning of a multi-line Text field when

highlighting text elsewhere in the field.

37334

GUI Motif/Text Widget

Cursor jumps to the beginning of a multi-line Text field when highlighting text elsewhere in the field.

37406

GUI Motif/Text Widget

When you resize a horizontal scale to change it into a vertical scale, its vertical size is set to minimum value.

37451

GUI Windows/Text Field

Input protected widgets can be cleared using Paste (Ctrl-X) when a custom menu without an edit submenu is in use.

37453

GUI Windows/Help

sm_set_help does bot on inactive widgets.

37455

CORE ActiveX

Exit function of sibling screen is not triggered when ActiveX from another screen gets focus.

37456

CORE Library/API

Allow sm_obj_copy to copy a selection group to an array

37460

GUI Windows/Property API

Changing screen's close_item property at runtime doesn't look as expected.

37461

GUI Windows/Screen Handing

Clicking 'Close' button of base window closes the top window in MDI stacked windows.

37467

DBI Common/Import

Data fetched from Informix CHAR columns can contain trailing spaces.

?? 37470

CORE JPL

@date doesn't seem to ignore the time value as it did in previous (Panther 4.2)

Versions. Example , if given a parameter with a time value (@date("02/01/1989 10::20")), it will give out an error.

Use <field_name>->pan450_date_validation=PV_YES to revert to Panther 4.2 date formats.

37481

CORE Configuration Files

Panther 5 can interpret period thousand separator as a period when

SM_DECIMAL is a comma, unlike Panther 4.
Use <field_name>-> pan4_decimal_handling =PV_YES to revert to
Panther 4.* format.

37483
CORE JPL
Problem sending property items in Panther 4.60 and Panther 5.0
In Panther 4.5 you can use:
send bundle "bundle_name" data @screen("@current")->name ,data
In 4.6/5 you must set the data in quotes like this
":@screen("current")->name".

37486
JAVA Common
SMJVMOPT is not processed correctly. The last option listed is
always ignored.

37487
JAVA Common
Debugging statements use string concatenation unconditionally, so
Extra objects are allocated even with debugging off.

37496
CORE Utilities/f2asc
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.

37497
GUI Windows/Look and Feel
ApplicationFont setting in prol5w32.ini file not taking effect.

37501
CORE Menubar Editor
Internal format error while opening menu in mbedit32(PVCS).

37503
CORE ActiveX
Function sm_obj_create_licensed was released to allow the creation
and use of licensed COM objects.
New function sm_obj_create_licensed(obj_id, license_string)

37505
DBI JDB
Opening any JDB Database fails with a temporary database Error
Message Box.

37507
RW Utility/r2asc
Double quotes are replaced by single quotes with f2asc.

37513
GUI Windows/ActiveX
MSWeb Browser not refreshing on Alt-Tab.

37522
ReportWriter Viewer
Request-To have the ability to go to first and last page of report viewer.

37523
CORE Editor/Tool Palette/Create
Frameset is not disabled in character mode for Panther5.

37524
CORE Editor/Widget List
Request for SORT BY feature in the Widget List

37532
GUI Windows/Text Widget
Combobox when "cleared" just replaces the text with spaces and not Really clearing the widget's data.

37543
GUI Common/Input Handling
Select on Entry in Single Line Text Widgets doesn't work correctly With the down arrow key.

37544
GUI Windows
Grid does not refresh properly.

37552
ReportWriter Viewer
sm_rw_play_metafile can't proceed path that contains spaces in it.

37558
CORE Utilites/binherit
binherit always inherits xml properties regardless of how many times you run binherit on a particular library

37560
GUI COMMON
Speed up Field Change Processing for Transaction Manager.

37561
GUI Windows/Text Field
Scrolling down a multiline text field , does not take you to the last row, unless you use Arrow or PgDn keys

37639
GUI Windows/Screen Handling
Screen with 14127 widgets GPFs in prodev

37567
GUI Windows/Input Handling
Wordwrap multiline text field does not behave correctly when entering Data, once a scroll bar appears

37577
ReportWriter COMMON

Report writer can crash with reports containing arrays with large array Size.

37586

CORE Library/Field Formatting

Customer date format gives an Invalid Date Format error.

37593

GUI COMMON/Property API

Allow setting GUI screen position using the Property API.

37595

GUI Windows/Property API

Ability to turn off Tooltip text

37610

COM/DCOM Common

COM method and property names were limited to 32 characters.

Increase this to 256 characters

37613

CORE Utilites/binherit

Binherit checks the Width property of the repository entry against the screen's Width property eventhough this property is not marked for inheritance.

37628

CORE Library/API

XML file import and export does not work correctly with characters greater than '\7E

37630

CORE Editor/Library

"Could not open/reserve library member error" , encountered using PVCS

37639

GUI COMMON

Wanting Latin-2 Support for XML Encoding , ISO-8859-2, windows-1250 and UTF-8.

New properties:

PR_XML_IMPORT_ERROR; application and field property.

It will get set if the imported XML has a character that cannot be converted to the current codeset. It can only be reset using Panther's Property API.

PR_FILL_CHARACTER; application property.

If a UTF-8 character is found during import that cannot be converted to the current codeset, it is replaced by the PR_FILL_CHARACTER. If PR_FILL_CHARACTER has value zero, the invalid character will be ignored.

PR_UTF8_DATA; field property.

When XML is imported to a field, this property will contain the original PR_UTF8_DATA. Its value can be longer than 255 bytes. When a field is updated or cleared, the PR_UTF8_DATA property is cleared.

When a field is exported to XML, the value of the PR_UTF8_DATA property (if it is set) will override the value of the field.

Issues Addressed:

- * XML can only be exported in the UTF8 encoding.
- * Some seemingly valid XML tags cannot be used in XML to be imported. In particular, import fails if a tag contains a colon or an o-umlaut. The Property API code allows a colon but not an o-umlaut in a tag.

37673
CORE Library/Input Handling
Return values for field exits on a grid member are not correct when
Event is triggered by a click on a grid member.

37676
GUI Common/Input Handling
The cursor does not initially appear when using a custom Panther
executive to display Panther screens.

37560
GUI Motif/Business Graphics
Business Graphics is disabled in Linux ports

37688
GUI Windows/Help
Tooltips will only appear for the first element of arrays of fields
such as pushbuttons

37691
ReportWriter Common
Groups Break ON property does not break like it should when the
length = 1 (assuming the data in that field is greater then 1) -----

37692
DBI Sybase
@dmengwarncode not picking up warning for "This is what sybase is
returning:Server Message: Number 4023, Severity 10
Server 'D1_SYBASE', Line 0:

37694
CORE Makefiles
Neither LD_LIBRARY_PATH nor SHLIB_PATH are searched for shared
libraries that are listed in the loader section of Panther
executables

37497
CORE JPL
Problems with hidden '-t' option of jpl2bin

? 37698
ReportWriter Common
Report output differs between Panther 4.26/4.60 and 5.00.
Use compatibility flag for this:
@screen("@current")->old_panther_compatible = PV_YES

37699
GUI Windows/Tab Widget
When a grid is moved from one tab to another and then the original
tab is hidden, the grid's columns are also become hidden.

37701
ReportWriter Common
Wanting Latin-2 Support for RW Postscript output

37704
CORE Library/API
strcpy() and memcpy() are being used in places where the source and destination may overlap.

37706
GUI Common/Grid Widget
Changing certain grid properties, for example onscreen_columns, at runtime can lead to a crash.

37714
ReportWriter Common
Font names with spaces cause errors in generated postscript files.

37718
GUI Windows
Scroll bar in Multi line text not enabled when ApplicationFont = ANSI_FIXED_FONT in prol4w32.ini

37773
CORE JPL
Need to handle X11R6.6 behavior for Xapppeekevent() function

37749
Motif: Tab card members on dialog screens do not display as if they are "attached" to their card until that card is exposed.

37450
TM Common
The MS SQLServer and Sybase TM support routines will not work correctly in a multithreaded environment such as when called from a Panther EJB component.

37537
TM Common
TM performance is slow when styles I used.

37538
TM Property API
Allow changes to a field's property PR_CLASS property to be applied all at once. Setting PR_TM_APPLY_CLASS_CHANGES to PV_YES will apply the styles for the new class at once when the class is changed.

37468
Porting JAVA
smjava.c Panther 5.0 no longer compatible with JSDK 1.1 .

37678
Porting Common
Support for Visual Studio 2005.

Panther JETNET

37232
TPI/TUXEDO Utilities
JIF Editor does not save file to common.lib, erases jif.bin.

Panther WEBSPHERE

37300

INSTALLATION Windows

Error msg "Could not locate the IBM Websphere server".Please add pro*.jar to the classpath in admin.config.

37316

INSTALLATION Windows/Script

At the end of the Panther for WebSphere installation, there is nothing added to the Windows start menu

37475

DBI MS SQLServer

MSS DBi is not supplied with the WebSphere version of Panther 5 for Window

37520

JAVA Common

Classes that begin with 'org.apache' do not load.

37830

CORE Utilities

prold.exe is missing from the util directory.

Panther Database Drivers

37512

DBI Oracle

Oracle user makefiles are incorrect on HP-UX 64 bit.

37568

DBI Oracle

Request for support for Oracle 10.

37653

DBI Oracle

Makevars.ora refers to libora8ldm.a, but that file is missing. libora8dm.a is present in the lib directory, however.

37672

DBI Oracle

Getting zeroes in place of repeating values from a table accessed via database link.

37682

DBI Oracle/Embedded SQL

Error at CONTINUE when running sql select using oracle9.20/pro-c.

37711

DBI Oracle

Using web broker with Croatian Locale, decimal character (comma)

causes SQL to fail.

37499

DBI Informix

Segmentation fault on prodev linked with informix support. This problem occurs in 64 bit code only.

37650

DBI Informix

Added support for Informix 10 using CSDK 2.90.

37739

DBI Informix

Provide support for XA to the Informix DBI.

37746

DBI Sybase

Sybase expired message treated as a warning rather than as an error.

37508

DBI ODBC

Decimal values are not passed correctly to the database; the decimal portion is being set to zero.

37528

DBI ODBC

Temporary tables cannot be used with the ODBC driver connected to SQL Server databases.

37573

DBI ODBC

ODBC/Firebird can't import primary/foreign key of a table.

37623

DBI ODBC/Transaction Model

Problem with temp tables under MS SQL.

37635

DBI ODBC

Remove support for ODBC version 2 on Windows; All supported Windows platforms have ODBC version 3.

37669

DBI ODBC

Decimals are cut off when cursor is execute.

37674

DBI ODBC

ODBC connected to an SQL Server database cannot bind dates past 2079.06.06.