

Release notes - filePro Plus 5.8 - 10/10/18
fP 5.8.XX.22

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PLEASE NOTE the support and fax phone numbers listed in this readme file. Open new support incidents on our website.

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To submit bug reports

1. EMail them to support@fptech.com including the text "Bug Report" with the version # and your filePro License # in the subject line
2. FAX them to (877) 606-6853 clearly marking them as bug reports and be sure to reference your filePro License #
3. Call the customer support number (800) 847-4740

We wish to thank Jim Asman for sending us an entire set of HP printer tables for inclusion in this release. You might wish to send him a note of appreciation to root@spetra.wimsey.com Please view Jim's readme file which has been placed in your fp\lib directory for any special notes about these printer tables.

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It's important that you clearly describe a suspected bug and include the filePro version number. If the programmer has trouble figuring out what you meant, you might as well not have reported

the bug. Be very specific. For example, if you are reporting a bug concerning a Browse, identify if it is a lookup browse or browse created by using the [F6] key. A screen shot is very helpful and sometimes better than more than 1000 words.

Describe exactly how to duplicate the bug. Although it's sometimes difficult to create a working sample to demonstrate the problem, make every effort to trim down your code and provide a working sample application with test data. You may even discover that what you thought to be a bug is due to a coding error or the bug may only occur with lots of data or large processing tables.

Take good notes as to any error messages and under what circumstances the error message is presented. It never hurts to provide more information rather than not enough. This is particularly true when the programmer asks for additional information. Rather than responding with a single sentence, be verbose since this may shed some light on the bug or what you may be doing wrong in your code.

Read what you wrote. Closely read your bug report before submitting to make sure it's clear and complete. If you have listed steps for duplicating the bug in a sample, exercise the sample with the listed steps to make sure you haven't missed a step.

New in 5.8.03.XX Update Subscription Program only

New #50 (All)

Printers can be flagged to eliminate them from the -PQ selection listing. See PFPQEXCLUDE

Two new commands in *cabe processing, mode(path) and group(path).
Mode() will return the octal permission mask on a file.
Group() returns a string containing "owner:group" on the file

debug now will accept long variables as break points.

New interface that now allows managing up to 99 printers.

New for Define processing:
Search and Replace
Show all @labels
Go to @labels

ddefine will now use the version 4.5+ dxmaint interface when making indexes for new files

Password protection of .sel and .brw formats

C – Change cursor path you can now press F5 to view the screen in define screens

Line & Box drawing in PDF

replace() command will return a search and replace string of data from either a

field or variable

Browsing printers in Options for output formats, filePro now shows only valid printers

New Env Setting PFNEWEXACT=ON will make a lookup fail on getnext and getprev if the index is no longer an exact match. default=OFF

New Env Setting PFSEMTIMEOUT. Watchdog code added to the session count code in filePro to prevent semaphore lockups. The value defaults to 3 seconds before it will unlock a broken semaphore. A value of 0 disables the new timeout.

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New in 5.8.02.XX Update Subscription Program only
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New SELECTBOX() function.

New Form Filtering for IUA(clerk) Form command.

Ability to define screens for *clerk with "truncated/scrolling" fields.

Added timeout option to user, and related TIMEOUT() test.

PDF Enhancement to <PAGE> for MARGINT|MARGINB|MARGINL|MARGINR="margin"

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New in 5.8.01.XX Update Subscription Program only
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New #1312

Automatic indexes can now be built using a selection set. As records are created or modified, they will be placed in the index only if they pass the selection criteria.

New

Dual Write or Mirroring. Extended options in define files (ddefine) now has an option to mirror a file. Use of PFDIR2 and PFDATA2 settings determine the path of the mirror directory.

New #1324

PF PQ=ON Acts as if the "-PQ" flag was passed to *clerk/*report.

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5.8.XX.22 Bug Fixes
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Task # 1597 (All)

Demand index may have displayed strange behavior because of an improper 64 bit flag.

Task # 1598 (All)

BLOB import was not working in some cases.

Task # 1599 (GI)

Occasional bleed through on certain help file displays.

5.8.XX.21 Bug Fixes

Task # 1586 (All)

Fixed syntax error for PRINTER NAME (exp) command when (exp) was invalid, it now correctly sets to default printer (on prompt) on invalid printer.

Task # 1442 (Windows)

Rewrote the pipe routine and put some windows specific code inside of a new library.

Task # 1582 (All)

Adjusted F5 Lookup Wizard so that browse windows and show windows were the same size.

Task # 1588 (All)

Fixed display on Index Selection on multiple field indexes.

Task # 1590 (All)

Fixed an error on re-browse if selected record is deleted.

5.8.XX.20 Bug Fixes

Task #1556 (All)

cabe when called from dmeodef was not properly exiting if the process was locked by another session.

Task #1575 (All)

MEMO editor would allow a blank line unless INSERT was ON

Task #1576 (All)

Dmoedef was not properly allowing and saving the positioning coordinates and on occassion could corrupt the .out header

Task #1577 (All)

dscreen was not properly toggling F9 Graphics mode

Task #1578 (All)

cabe would lock up on multiple pages of dummy variables

5.8.XX.19 Bug Fixes

Task #526 (GI)

Strip \r from menu title feed to GI

Task #1128 (GI)

F6 in pmaint destination field on Windows was not working

Task #1163 (All)

Executing a import memo to a variable was inadvertently storing the memo in the blob file without any record pointer

Task #1552 (Windows)

Customer reported that PDF was not properly printing lines on a form and it was determined that PFPDFFONTSIZE and PFFONT_COURIER was not set properly

Task #1548 (SCO)

Permissions on a system call to run MUTT was not properly set

Task #1549 (All)

dxmaint was honoring PFMBTO on an index delete confirming prompt

Task #1550 (All)

spelledit would crash on list selection listing

Task #1551 (All)

Fixed a bug in spelledit.exe that happened when there were no user spelling dictionary files

Task #1553 (All)

PFMBTO was not being ignored by the MEMO editor F8 dialog box

Task #1554 (All)

WRITE handle in processing was inadvertently writing the main record to disk

Task #1556 (All)

Process lock warning in cabe would only allow you to press Y to continue

Task #1558 (All)

LOOKUP WIZARD in cab would crash on a mirrored file if the mirror path was invalid

Task #1560 (All)

Incomplete blank printers were being saved in pmaint

Task #1561 (All)

Removing a blank printer in pmaint would prompt for a confirmation

Task #1562 (All)

F3 and F4 keys were not working in all field columns

Task #1563 (All)

Sometimes pmaint would improperly sort printer in the config file causing clerk and report not to find out of order printers

Task #1570 (GI)

Yes or No prompts below printer #20 were not working properly in GI

5.8.XX.18 Bug Fixes

Task #1543 (All)

Adding a comment to an 4.1 style index was not properly saving a comment and sort criteria or switching the style to 4.5

Task #1542 (All)

Editing the config file could cause clerk or report to not properly read the contents on startup.

Task #1544 (All)

F8 Options to save but not rebuild was causing an issue with old style 4.1 indexes

Task #1547 (All)

Printer maintenance could go out of sync with Insert if more than one page of printers.

5.8.XX.17 Bug Fixes

Task #691 (All)

fileProODBC bug - dprodir fails with fileProODBC

Task #1525 (All)

PFMBTO was being ignored

Task #1349 (Linux)

lockinfo Linux displays effective UID - needs real UID
Two fixes: you must have the latest 5.8.03.17 and the latest
lock.info. You must have PFROOTFIX set.

Task #1531 (All)

X-Exit not displaying if Index X is hidden

Task #1404 (All)

Using declared variable will not allow call function

Task #1416 (All)

Under some circumstances a Free record lookup would
crashes

Task #1417 (All)

Under some circumstances a report run in GI would hang

Task #1423 (All)

Previous bug fix was not done in rclerk. Now fixed.

Task #1530 (NIX)

Added a new variable PFSECUREDEBUG to disable !b in dclerk.
Default is OFF, setting it to ON will prevent the escape from
working, similar to PFSCC. Prevents root shell access.

Task #1517 (All)

Alignment check question disable for PDF files.

Task #1526 (All)

Problem caused by a fix last March. Work-around was to use
PFOLDWRITE=ON, but that caused a conflict:
dreport eee -f export_csv -a -ro
Now, PFOLDWRITE is not necessary since pfcB will not be marked
dirty IF offending code is reached from *report and -ro is used.

Task #1532 (All)

Arrows would glitch when moving left to right in some
selection windows

Task #1528 (All)

dmoedef would not properly overwrite existing print codes when copied and pasted.

Task #1533 (All)

Configuration editor was not working properly after a record lock error message.

Task #1538 (All)

Configuration editor was not properly locking records.

Task #1540 (All)

Added PFINDEXX variable to allow non-default display of X-Exit in Index Selection

Task #1541 (All)

FORMM was not leaving the pipe open for more data when output was to a PDF

5.8.XX.16 Bug Fixes

Task #1522 (All)

freechain seqmentation fault in some instances

Task #1501 (NIX)

PFUMASK was not honored by PDF files

5.8.XX.15 Bug Fixes

Task #1519 (All)

Long fields that wrap or are scrolled would cover other fields in the array for cursor path verification

Task #1511 refix (All)

This previous fix broke variables from holding certain values in reports

Task #1349 (Linux)

lock.info now shows the real UID instead of the effective UID

Task #1513 (All)

Close fails on a dash lookup and crashes in Windows

Task #1518 (Linux)

fpconfig was improperly drawing the active box around the selection

5.8.XX.14 Bug Fixes

Task #1503

F7 was not properly going to the last record in the index in clerk.

Task #1505

Fixed a record deletion bug in *clerk (Windows only) where a WRITE would be reverted/deleted on BRKY.

Task #1507

Fixed a bug with dmoedef, a null character made its way into the shortened printer list, appended to each name, it caused a strange graphical glitch that made it almost useless.

Task #1508

Changed selectbox to be "1" based instead of "0" on screen positioning. Added PFOLDSELECTBOX to enable "0" based positioning, default OFF.

Task #1509

Fixed dummy fields disappearing off of the screen after a WRITE and END combo if a record has not been changed. Added PFOLDWRITE to revert to old method in case of issues, default OFF.

Task #1510

Fixed PFNEWEXACT not working on non-protected lookups, PFNEWEXACT=on, was defaulting to old method

Task #1511

Overflow/segfault in reports, was caused by a scoping issue between global and local longvar fields.

Task #1512

Enabled spaces in selectbox. Added PFSELBOXSPACE to disable spaces in selectbox(), default ON.

5.8.XX.13 Bug Fixes

Task #1475 (All)

dscreen locked message was not properly displayed

Task #705 (All)

Using -XI and -XS was never intended or coded. As a result the requested index was ignored in favor of the best fit according to the selection set. Now, if both -XI and -XS are specified the selection scan will use the requested index.

Task #1483 (All)

PDF now honors width and height in <page> tag

Task #1253 (All)

configuration editor now allows selection of config files other than the one currently in use by the one named in PFCONFIG

Task #1399 (All)

In dscreen, F5 resolve fields did not properly show the truncated length of the truncated fields.

Task #1487 (All)

In pmaint there were some issues with Paging and also setting a printer on pages greater than page one improperly removed the printer NAME & TYPE information.

Task #1489 (All)

pmaint will now allow you to enter an invalid printer type after prompting to make sure that is what you want to do.

Task #1490 (All)

Cursor pathing information was not printing and a dscreen hardcopy

Task #1491 (Linux)

Free Space was not properly stated on 64 bit systems

Task #1492 (All)

Added the ability to use flags from the command line when using FPCOPY

Task #1493 (All)

Mirrored index were adding freen chain data to the end of the index. This does not invalidate the index but destorted the file size.

Task # 1497 (All)

Could not remove dummy from cursor path if it did not exist on the screen, also could not arrow/move past it. F4 now removes the field and blanks properly

Task #1498 (All)

LOGTEXT is now limited only by disk space up to 2,147,483,647 bytes.

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5.8.XX.12 Bug Fixes
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Task #82 (All)

rcabe now properly locks a prc when in edit mode

Task #1477 (All)

A dubious printer name in processing would cause a segV

Task #1476 (All)

dcabe was failing on a CLOSE or WRITE command in processing

Task #1478 (All)

dreport could result in a zero length PDF file

Task #1358 (All)

Run-time programs should now give a message when the limits of 205 combined EDITS is reached instead of aborting

Task #1427 (All)

dscreen and ddefine should now format properly when the default printer is PDF

Task #1482 (NIX)

Minor display modifications to dscreen for when used on old Wyse 60 terminals

Task #1485 (All)

BLOB/MEMO fields were crashing when used with tok processing that had not been recompiled. NOTE -

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5.8.XX.11
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Task #1472 (All)

Define Output - F6 for Printers was offset one line.

Task #1473 (NIX)

pmaint screen did not work properly with wy60 emulation

Task #1474 (All)

pmaint F9 (go to line #) only had 2 characters

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5.8.XX.10
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Task #1469 (All)

CREATE / WRITELINE was failing or throwing garbage to the screen

Task #1470 (All)

SHOW POPUP not working

Task #1471 (All)

Encryption Error (Encrypted file / Grace Period Mismatch) when trying to access an encrypted file.

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5.8.XX.09
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Task #1308 (All)

Some Development programs were responding to PFMBTO

Task #1334 (All)

Invalid lookups to a mirrored file would give an incorrect 'not licensed' error

Task #1363 (NIX)

The new fpconfig utility program was not included in the NIX compiles

Task #1431 (Windows)

dclerk debug F9 Search for \{ displays graphics instead of previous search criteria

Task #1439 (All)

Development programs were not working properly when PDF was the default printer

Task #1442 (Windows 64 bit)

USER command was not executing correctly on 64 WIN

Task #1449 (All)

ddefine - when changing 16,memo to 100,allup in map of mirrored file filePro would crash

Task #1450 (All)

cabe - was missing the O - Options to the F8 options

Task #1451 (Windows 64 bit)

fpdaemon_win.exe on 64 bit never displayed a fileProGI menu

Task #1454 (All)

clerk - FORM in 5.8.02.08K3 crashed in clerk on

repeated executions

Task #1461 (All)

clerk/report - PDF with overlay was not working properly

Task #1460 (All)

clerk - Selectbox was not respecting width and height parameters

Task #1464 (All)

clerk/report - EXPORT WORD -A was not appending to an existing file

Task #1043 (All)

When a BLOB field was removed in ddefine, the blob file was not properly removed.

Task #1356 (All)

debug now will accept long variables as break points. The scope of a longvar is different from a normal dummy field. Technically, longvar is not at a true global scope, and isn't available in the automatic processing table. Declaring it 'g' only will work across records, but not tables, declaring it GLOBAL will fix that, but it has to be matched with an EXTERN in the other pre table.

Task #1409 (All)

The index license ownership display has been reformatted so it does run into the version display.

Task #1423 (All)

popup("7","-1") was not centering properly

Task #1425 (All)

In certain case, there was a stray character at the end of @ID when running under fileProGI

Task #1441 (All)

The ability to cancel when adding a new screen did not work.

Task #1444 (All)

The check free disk space routine was updated to handle hard drives over the old 32 bit limits.

Task #1118 (All)

Page Up and Page Down was not working in memo edit windows.

Task #1468 (All)

xfer was causing errors in restoring key files.

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5.8.XX.08

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(All) #1269

fPCopy was not properly handling encrypted files.

(All) #1308

F8 - Options in dmodef and dscreen were honoring PFMBTO and now ignore it

(All) #1331

ddefine could crash on save of missing a blob file when turning on mirroring.

(NIX) #1363

utility fpconfig was not compiled in some previous releases for NIX platforms.

(All) #1370

Added the prc table name to error messages in most places to help with filepro error identification

(All) #1403 & 1418

F9 was not allowing a search of a prc table in *rcabe and configuration editor

(All) #1411

cosmetic adjustments to the F8 Options screens and popups in dmoedef

(All) #1412

Under certain circumstances the cursor would move outside of the memo edit area

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5.8.XX.07

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(All) #1174

After saving a screen in Define Screens, it was possible for a session to update the same screen at the same time.

(All) #1377

If you execute a lookup-dash to an existing record in automatic processing while in add records mode, and then cancel out of update, the record would be deleted.

(All) #1384

INPUTPW did not respect the edit type of the input field, and treated everything as "*".

(All) #1385

If you have an automatic index with a selection set, and update the record such that the true/false value of that selection set changes, but none of the key fields for that index change, the index was not updated.

(All) #1388

Pressing F5 (create script file) in Define Menus when there was no menu item keystroke defined yet would create a script named "menuname-.X". Now, you cannot create a script until the keystroke is defined.

(5.8.02 and later) #1392

If the "filecount" value in a file's "outfiles.xml" file was higher than the actual number of files listed, Define Output would crash upon selecting that file name.

(5.8.02 and later) #1393

fpcopy did not copy the "outputfiles.xml" file if it exists.

(Windows only) #1394

If an error occurred in xfer while receiving a file, the error display might show a black area of text, rather than the file name.

(All) #1395

When transferring a filePro file with a "map.new" file that does not match the "map", it was possible for xfer to not properly receive the filePro file.

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5.8.XX.06
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(All) #1061

If you have two lookups to a file with different aliases, with the second lookup being a browse lookup, if that browse lookup has processing, and within that processing you refer to a field in the first lookup alias, non-"g" dummy fields are cleared.

(All) #1262

If you have a protected lookup to the main file in a CALLED processing table, and CLOSE that lookup, without having ever modified the record, or using WRITE, the looked-up record will remain locked. (If you use GETNEXT/GETPREV on that lookup, then it would be the last record read by the lookup which remains locked.)

(All) #1319

If you are running filePro with standard input either redirected (such as from a file, or via a pipe), or with no standard input at all (such as from cron), and filePro needs input from the user (such as asking for a filename, due to a typo on the command line), filePro would wait in an infinite loop, using 100% of available CPU. filePro will now give a fatal error, and exit.

(All) #1355

If you have an IMPORT/EXPORT statement with the alias "alias", and somewhere in processing you had a reference to "alias()" in a comment, you could get a syntax error on that comment.

(All) #1377

If you execute a lookup-dash to an existing record in automatic processing while in add records mode, and then cancel out of update mode, the record would be deleted.

(5.8.01 &.02) #1385

If you have an automatic index with a selection set, and update the record such that the true/false value of that selection set changes, but none of the key fields for that index change, the index was not updated.

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5.8.XX.05
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(5.8.XX.04) #1374

Non-Lite versions of filePro failed to allow qualifiers in ddefine

(All) #1373

Non-Lite versions of filePro failed with "syntax error" on ENCRYPT() and DECRYPT().

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5.8.XX.04
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(All) #1054

Erroneous "feature not licensed" errors correct.

(All) #1313

filePro user menus can now use a pseudo-environment variable "@VR" to place the filePro version on the screen. You can use either Windows ("%@VR%") or Unix/Linux ("\${@VR}") syntax.

(fileProGI) #1317

filePro GI client displayed "garbage" for the "Enter" prompt.

(All) #1344

A spurious "requested feature not licensed" message would sometimes be included in filePro error messages.

(Quikstart) #1345

If you have a "locked(-)" test without a lookup-dash, rcabc did not give a syntax error.

(Windows 64-bit) #1347

Pressing F8/Options in printer maintenance would crash the 64-bit Windows version of filePro.

(All) #1350

dxmaint -m "" would not override a PFQUAL setting.

(Linux) #1352

filePro now turns off stty "ixtext" mode on systems which support it.

(All) #1353

FPML now supports user-defined margins to the <PAGE> tag.

(All) #1357

New PFPDFCOMPRESSMODE config variable to control PDF compression.

(Windows) #1360

The Windows version of dexpan didn't properly handle key files larger than 4G in size.

(Windows 64-bit) #1361

When concatenating a string with a memo field from a lookup file, 64-bit Windows filePro could crash.

(All) #402

If you select a record via *clerk's "6 - fuzzy search" menu choice, and then press Break/Del/Ctrl-C, *clerk exits, rather than returning to the menu.

(fPSQL) #1053

fPSQL did not properly display user edits in the F5 field list.

(fileProGI) #1336

When running filePro on a Windows server, the "Enter" prompt displayed "garbage" characters.

(5.8.01.01 only) #1337

It was possible that the first lookup to a file would corrupt indexes built on field you modified.

(All) #1338

The CREATE() function did not respect the umask, always using a umask of 0177 instead. Now it will respect PFUMASK if set.

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5.8.XX.02
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(All) #402

If you select a record via *clerk's "6 - fuzzy search" menu choice, an then press Break/Del/Ctrl-C, *clerk exits, rather than returning to the *clerk menu.

(64-bit only) #1332

Spellcheck didn't work properly on 64-bit implementations.

(GIclient only) #1336

When running fileProGI against a Windows version of filePro, then "Enter" prompt displayed as garbage.

(5.8.01.01 only) #1337

It was possible that the first lookup to a file could corrupt indexes built on field you modified.

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5.8.XX.01
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(All) # 1332

Aspell ws replaced with hunspell for the 64 bit version of filePro

(Linux) #1330

The 64-bit Linux version of xfer didn't copy screens correctly.

(Linux) #1327

On 64-bit Linux, closing a lookup file could crash with a corrupt heap.
("*** glibc detected ***" error message.)

(Linux) #1316

Fuzzy browse lookups could crash on 64 bit Linux

(All) #1286

Setting PFIDLEN=32 will cause @ID, @CB, and @UB to have a length of 32 rather than 8. (The only legal values are currently "8" and "32". Any other value is undefined.)

(All) #1295

Alien and ODBC files can't be encrypted by filePro. ddefine will now prevent you from marking such files as encrypted.

(All) #1302

filePro now defaults to PFMAXALLOC=128 and PFMAXASIZE=128000, for up to 16MB of RAM for sorting.

(All) #1304

If you have a fatal error (such as "file not found" on import) in a CALLED table, filePro might crash upon exit.

(All) #1305

If you print a form from *clerk via "F"orn (not from FORM within processing), and that form's output processing does a lookup to the same file as an open lookup in input/auto processing, and then CLOSEs that lookup, filePro can crash if the input/auto processing re-executes that lookup.

(All) #1314

The FPML documentation was incorrect. The "<PAGE>" tag is documented as taking an "ORIENTATION" attribute, but it should have said "ORIENT". filePro will now allow either spelling.

(Windows 10) #1318

On Windows 10, if you set filePro's TextNormal attribute to a value from 0x80-0xff, there could be "ghost" characters left on the screen.

(Windows, 64-bit) #1321

The 64-bit Windows version of rclerk/rreport could crash when using OPENDIR().

(All) #1322

If you have a very long filename that "looks like" a qualified filename (such as "key [conflict at 2014-12-09_23-28-27]"), filePro could crash.

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(Linux) #1292

On some Linux systems, filePro would see a different MAC address than reported by "ifconfig" or "ip addr".

(All) #1294

If you edit a prc file outside of filePro, and there is no newline character at the end of the last line, filePro may crash on exit or "switch files" in *clerk.

(All) #1295

Alien files can't be encrypted. Ddefine now prevents you from marking such files as encrypted.

(OSR5) #1297

On SCO OSR5, if you have a fuzzy browse lookup, and pass it a zero-length key, filePro can crash.

(OSR5) #1299

Fuzzy search on SCO OSR5 returned incorrect results.

(Windows) #1301

When using PFIIXS=ON or the "-jy" flag, it was possible for Windows to throw an "uninitialized variable" error when scanning for records using an indexed field.

(All) #1304

If you have a fatal error (such as "file not found" on import) in a CALLED table, filePro might crash upon exit.

(All) #1305

If you print a form from *clerk via "F"orm (not from FORM within processing), and that form's output processing does a lookup to the same file as an open lookup in input/auto processing, and CLOSEs that lookup, filePro can crash if the input/auto processing re-executes that lookup.

(All) Version 5.8

New function to get error code for ENCRYPT()/DECRYPT()

failure.

```
status = CRYPTERROR( [format] )
```

If "format" is omitted, or zero, then the value is returned as a numeric error number, or zero for "no error". If "format" is "1", then the value is returned as a string. Other values for "format" are undefined.

(If ENCRYPT/DEcrypt fails, a null string -- "" -- is returned.)

(All) Version 5.8

New function to set the ODBC query timeout:

```
old = @ODBC.handle.TIMEOUT(timeout)
```

where "timeout" is the desired timeout in seconds. The function returns the old timeout value, if available, or "" if not.

The default timeout is 15 seconds. Not all ODBC sources allow the timeout to be set. Setting the timeout to zero disables any timeout functionality, and can cause filePro to simply wait forever.

This only affects future queries. Also, some ODBC sources share the timeout between all handles attached to the same ODBC_CONNECTION handle.

```
*****  
filePro and filePro Plus are registered  
trademarks of fP Technologies, Inc.  
*****
```

```
=====  
End End End End End End End End End  
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