

Release notes - filePro Plus 5.8 - 11/17/2016
fP 5.8.XX.06

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PLEASE NOTE : the support and fax phone numbers listed in this readme file are new. They have changed since the last release.

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Support support@fpotech.com
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Management filepro@fpotech.com

To submit bug reports

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1. EMail them to support@fpotech.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@spctra.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.

Contact Information

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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.

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New in 5.8.02.XX Update Subscription Program
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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"

=====
New in 5.8.01.XX Update Subscription Program
=====

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

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

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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, rcabe did not give a syntax error.

(Windows 64-bit) #1347

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

(All) #1350

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

(Linux) #1352

filePro now turns off stty "iexten" 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 dexpand 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.

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5.8.XX.03
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(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, and 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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5.8.00.00
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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 PFIXS=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.

```
*****  
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*****
```

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End End End End End End End End End  
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