Release notes - filePro Plus 6.0 - 12/27/2019
        fP 6.0.XX.09

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subject to the terms and conditions of the filePro License Agreement.

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

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WWW   http://www.fptech.com
Support   support@fptech.com
Sales   sales@fptech.com
Management filepro@fptech.com

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To submit bug reports
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1. Login to your account portal on our website
   http://www.fptech.com/fptech/login.php and then
   go to the Support Incident Menu and submit an
   incident request.
2. EMail them to support@fptech.com including the text
   "Bug Report" with the version # and your filePro
   License # in the subject line
3. FAX them to (813) 354-2722 clearly marking them as bug reports
   and be sure to reference your filPro License #
4. Call the customer support number (800) 847-4740

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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.

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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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Bug fixes are below the New Items.
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Version 6.0.02.08 New USP Only Items
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1723 Added PFPPFULLPATH as an ehancement to PDFPOSTPRINT
          and added an PFNEWPOSTPRINT alias to name to PDFPOSTPRINT
          Added PFPPFULLPATH to augment the filename passed to the post print
          handler, default ON, this causes the filename passed to the postprint
          script to contain the full path to the file, not just the file name.
          Set to OFF to revert to old behaviour. PFPOSTPRINTnnn will now work
          with normal file destinations. Same rules as the old global PFPOSTPRINT
          but also supports PDF files.

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Version 6.0.02.08 New USP Only Items
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1160 Added PFKEYLOGGER=ON (off - default)
          To log all keystrokes

1579 Allow passing of paremeters same as clerk

with -RW flag

1639 Added new conditions for searching used for
         associated fields only.

1662 PDF printing should now honor the page length set in dmoedef

1691 clerk will now allow a full path to a form when using
         the FORM and FORMM command in processing.

1699 MEMO will no longer save blank space at the end of about
         TEXT Memo unless followed by a NL/Creating

1591 PFBROWSEFULL=ON now allows a full screen display of
         browse records

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Version 6.0.01.07 New USP Only Items
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565 READLINE using "-1" for length to force read to EOL

888 show=pkeep retain position if brw format changes
         In a browse lookup with "show=pkeep", the browse was
         enhanced to allow the position to be retained, even if the
         browse format has changed.

1000 -fp *report flag would not report an error if the prc to use
         did not exist.

1227 A new functions to lock or unlock nbyte bytes of the file
         specified by handle.

1303 ddefine will now create new screens the same as dscreen does
         instead of just mono.

1306 NEW arguments for OPENDIR
         format length
         extension length
         fullname length

1340 *cabe lookup wizard will now honor PFQUAL and show qualified
         indexes

1359 Added new FPML commands to control the appearance of underlines.

1534 new RINSTR, and INSTR now allows negative positions for working
         backwards.

1421 New Giadmin that will count GUI (GI or Web) sessions, ease of system
         and user configuration files and additional security.

1504 Added PDF syntax as an option for printer maintenance (pmaint)
         Windows only

1564 Remote Licensing for Giserver and fileProWeb. Hardware tie-in no
         longer required with internet access

1574 Lookup Wizard in cabe now allows long vars as key

1583 Added alias and arrays to F6-D-L display in *cabe

1584 Added SHOWPROGRESS

1592 updated color with new routines and corrected the shell escape
        codes.

1613 New variables
        CABEBACKUP ON|OFF (on by default)
        CABEBACKUPMINS n (minutes between backups)
        CABEBACKUPCT n (backup files per process)

1637 Menu maintenance (makemenu) now asks if you wish to remove
        an unused menu script if the menu item is not used.

1676 *report now allows one to use .outs from a pathed directory library

1678 Add POPFIELD to move cursor to field on a POPUP UPDATE

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Version 6.0.01.06 New USP Only Items
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1447 MEMO EDIT now accept maxsize to limit the number of
        characters that can be intered into a memo field.
        memo NNN edit (row,col,lines,width,startLine,startcol,maxSize)
        (Text mode only)

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Version 6.0.01.02 New USP Only Items
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        @EXIT in processing

Task #1609 (All)
        Added option 7 to dxmaint to clear qualifier

Task #1610 (All)
        New -SE *report flag to allow report to edit/save a selection set.

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Version 6.0.XX.01 New USP Only Items
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Task #1601 (All)
        Added @exit label to *clerk processing. This is executed whenever
        a record is exited or broken out of. Events that trigger this are
        'X' while not in update mode, 'BRKY' while not in update mode, and
        'exit' in processing. It is the opposite of @entsel, and is the last
        thing executed when leaving a record. Assignment of real fields is
        not allowed, this is similar to @once in that the processing that is
        executed is NOT sitting on a record, but rather record '0'.

Task #1606 (All)
        Partial lookup flag added to *cabe lookup wizard.
        -O on an exact lookup now does partial key matching. This kills a

lookup once the begining of the key value no longer matches the lookup key value.

Task #1546 (All)
          BUSYBOX
     BUSYBOX "my message"
     BUSYBOX("10","10")
     BUSYBOX("10","10") "my message"

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Version 6.0.XX.09 bug fixes
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Task #1706 (All)

          Setting PFQUAL in *cabe broke the lookup wizard

Task #1710 (All)

          drumenu could crash loading some older menus

Task #1711 (NIX)

          Some OS errors were bypassing the signal hander

Task #1713 (All)

          *cabe was ignoring the new -Cxx flags

Task #1715 (SCO)

          'BREAK' in dscreen was crashing

Task #1718 (All)

          POPUP was not display the full screen

Task #1719 (All)

          POPUP UPDATE was crashing when r,c was used

Task #1720 (All)

          Added Error Message if browse lookup closed in
          DROP processing

Task #1726 (All)

          Some commands were seGving on long or invalid
          filenames

Task #1727 (NIX)

          Removed the need for libfpodbc.so by statically
          linking it the executables.

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Version 6.0.XX.08 bug fixes

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Task #908 (All)

      A repeat fix of a previous bug in prc=
      checking of a browse lookup

Task #1058 (Nix)

      Adjusted finish script for a bug in handling
      PFLICFILE value

Task #1693 (All)

      String parsing on chmod, mkdir, etc. caused syntax
      errors/warnings. This was caused do a preprocessor running the
      same syntax routines as the actual syntax checker/tokenizer.

Task #1694 (All)

      Corrected a case where some bitwise operators ($\sim\hat{}\ \sim|\ \sim\&\ \sim>\ \sim<$)
      would cause a buffer overrun or return a signed value incorrectly.

Task #1695 (All)

      PUSHKEY is now correctly ignored when running processing in
      debugging mode.

Task #1696 (All)

      FLUSHKEY does not clear keystrokes added by PUSHKEY.

Task #1375 (All)

      Updated errmsg file with latest error codes

Task #1675 (All)

      F5 would not properly fill a truncated field

Task #1705 (All)

      WORDWRAP broke when correcting another MEMO issue. It
      now properly breaks.

Task #1704 (All)

      Cursor path editing would not properly ignore protected fields.

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Version 6.0.XX.06 bug fixes
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Task #1673 (OpenSuSE)

      GIserver install was failing to create service

Task #1674 (All)

Added AUTO to clarify description in dmoedef

Task #1681 (All)

Syntax check pointed to wrong line on a
duplicate long variable declarartion

Task #1682 (All)

ftp message show/hide flags were reversed

Task #1667 (All)

Modified Extended Selection so that edit does not allows
apply. i.e.   Using COtains for a part of a phone number.

Task #1679 (All)

Modified record selection to accept only numbers.
Allowing other input selected incorrect records.

Task #1672 (All)

The changes were to IXSEL (new optional 3rd parameter)
and IXSORT (new optional 4th parameter). The parameter must be
a path representing an alternate PFDIR to use temporarily for
the function.
IXSORT and IXSEL were failing on qualified indexes

Task #1117 (All)

Improved license related shared memory error reporting.

Task #1687 (All)

Fixed a bug where having a field defined at the end of a row
would not resolve properly if the following line started with
text instead of a space.

Task #1631 (All)

Memo text edit window was not scrolling in certain circumstances

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Version 6.0.00.05 bug fixes
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Task #1624 (Windows)

Added Desktop Shortcut for GIadmin 6.0

Task #1656 (All)

Archive did not handle lookup to lookup

Task #1657 (All)

Creating a new scree required two Saves to
save and exit

Task #1658 (All)

Cursor positionin was wrong after using
search in the config editor

Task #1659 (All)

Search & Replace in cabe caused a line
truncation when answering NOT

Task #1661 (All)

Index in *clerk is going to the incorrect record
when built off of multiple fields. Related to a
bad fix from #1503

Task #1663 (All)

Improper key buffer management when using
certain combinations of PUSHKY

Task #1664 (All)

Memo memory fault when using certain sequences
of Page Up and Page Down in memo editor

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Version 6.0.00.04 bug fixes
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Task #1652 (All)
When editing a defined lookup in processing, the highlight
was on the wrong index.

Task #1653 (All)
Define processing was not reporting a correct line number
on a syntax error.

Task #1654 (All)
Define processing was crashing on Search & Replace on a new
table that had not yet been saved.

Task #1655 (All)
JSFILE was passing syntax when a function had not been
sepcified

Task #1656 (All)
Enhanced ARCHIVE command to work with 2 lookups
          ARCHIVE lu1 TO lu2

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Version 6.0.00.03 bug fixes
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Task #1651 (All)

Corrected a change introduced into ddefine that caused the map
file to be truncated on the last section of the header. This
caused ddefine and other developer programs to treat the file as
if it had a creation password.

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Version 6.0.00.02 bug fixes
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Task #1626 (All)
        Using a merge field from import fails on condition line would fail.

Task #1611 (All)
        Change in behavior for COntains in Long and Short Selection.
        Any COntains no longer worries about length or edit in its search.
        IMPORTANT: Any indexes previous built with selection criteria in
        prior version MUST BE REBUILT!!!

Task #1628 (All)
        Bug occurred in an index when a record was added or deleted from an
        automatic index using a selection set through a lookup.

Task #1629 (All)
        In certain situations the screen text would scroll a screens
        content and message to wrap in F6 Browse function.

Task #1633 (All)
        Added an error message to cabe if code assigns a value to an invalid field.

Task #1636 (GI)
        A previous fix for CRON functions broke MSGBOX in GI.

Task #1625 (All)
        SORTARRAY now puts any blank fields at the end of the sort.

Task #1634 (All)
        Corrected text on setting selection set passwords

Task #1635 (SCO)
        Help display was improperly wrapping.

Task #1638 (All)
        Field length for description was extended from 80 to 255

Task #1640 (All)
        Under certain conditions clearing the BUSYBOX display
        would not properly redisplay the screen contents.

Task #1641 (All)
        Enhanced fPTransfer to properly xfer the auto index
        selection criteria

Task #1642 (All)
        ddefine create screen 0 caused a *clerk invalid screen
        error

Task #1643 (All)
        Removed debug display of field numbers from IUA index

selection

Task #1644 (All)
dmoedef was not displaying all print codes

Task #1632 (All)
32bit Installs had the wrong 'rename' program.

Task #1645 (All)
fPCopy was not properly copying the Auto Index Selection Sets

Task #1646 (Linux)
Certain colors and highlights were not being shown properly.

Task #1647 (All)
*clerk index selection was missing the correct record in some cases when the index had a selection set.

Task #1648 (Linux)
Under some situations a *clerk screen would shift improperly

Task #1649 (All)
ddefine did not properly make an index with a selecton set

Task #1650 (All)
fPCopy would crash or give an error message when copying a mirrored file.

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Version 6.0.00.01 bug fixes
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Task #1607 (All)
Removed double F7 label

Task #1608 (All)
dosetforms - replace toggle with select all / select none

Task #1386 (All)
Display when index is built on selection set.

Task #1619 (All)
Fixed changing Broken mirror status to Yes mirrored status in define files.

Task #1620 (NIX)
Correct error to redirected stdin

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Version 6.0.00.00 bug fixes
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Task #1128 (GI)
F6 was not working from pmaint to select Windows printers.

Task #1165 (All)
Better error handling when indexes are in a known need to rebuild state.

Task #1239 (All)

MySQL/ODBC was returning a -1 error on longblobs. The problem was caused by the precision being reported as -1.

Task #1255 (GI)

GI now traps no password in user.cfg file

Task #1310 (GI)

GIserver now handles HD Serial Number with or without dashes

Task #1407 (All)

xx = @odbcexception.clear crashes filePro

Task #1571 (GI)

Occasional broken lines were drawn

Task #1569 (GI)

GIserver was missing some shutdown messages

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